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E.L. 101/87 DUNDAS AND

E.L. 13/88 MOORES PIMPLE

ANNUAL REPORT 1990/91

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SUMMARY

ELs 101/87 and 13/88 together cover 79 square kilometres of mostly mountainous rainforest stretching from west of Rosebery to Mt. Dundas. RGCE acquired the area because of its perceived potential for structural and replacement style tin deposits similar to those mined on the adjacent Renison Mine Lease, and structurally related gold deposits possibly similar to the Henty deposit.

The area is dominated by volcaniclastic and epiclastic sediments of the Cambrian Dundas Group, with lesser occurrences of Crimson Creek volcaniclastics, Cambrian ultramafic complexes and psammo-pelitic sediments of the Proterozoic Oonah Formation.

In addition to the world class Renison Bell tin mine, a number of small tin, copper-nickel and silver-lead-zinc deposits have historically been mined in the area. Additionally, numerous companies have in recent times explored for base metals at Dundas and tin in the northern half of the tenements.

Work completed from 1988 to 1990 by RGCE was concentrated along the Montezuma Fault (for tin) and Rosebery Fault (gold) and included gridding, mapping, C-Horizon and Wacker bedrock geochemistry, gradient-array and dipole-dipole IP, and ground and airborne magnetics. This work culminated in the identification of drilling targets at Greens Prospect (tin), North Montezuma (tin) and Bathers Creek (gold), all of which were drilled during 1989/90.

The co-incident IP and weak arsenic anomaly at Bathers Creek was intersected by two drillholes, and proved to be an unmineralised graphitic shear in the immediate hangingwall of the Rosebery Fault.

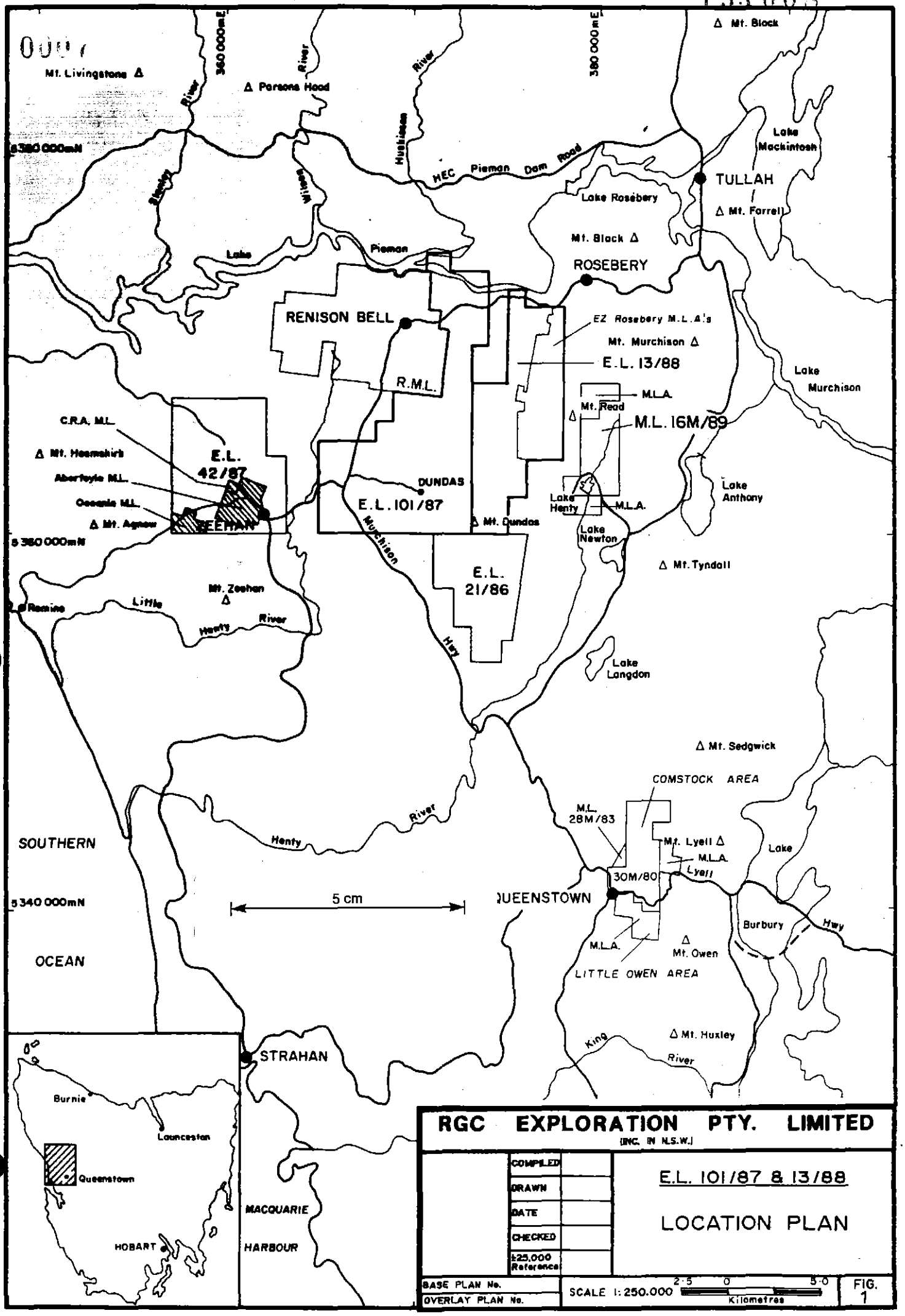
Four diamond holes drilled into coincident IP, magnetic and tin-in-soil anomalies at Greens Prospect intersected a non-outcropping ultramafic complex characterised by a relatively chromite-magnetite rich core surrounded by up to a hundred metres of intense carbonate-silica alteration. Some massive talc-pyrrhotite was encountered in this zone but proved tin barren. Drill hole MZ004 intersected a major NE trending fault zone in Dundas Group shales above this complex, including a 10m zone averaging 0.3% Cu, 0.35% Zn, and trace tin. However, the only significant intersections of tin were restricted to thin NNW trending veins, such as Frazers Lode.

A fifth hole, MZ005, was drilled at the north end of the Montezuma grid to test a broad tin anomaly straddling the contact between gabbros of the Serpentine Hill Complex and Dundas Group sediments, within the contact-metamorphic aureole of the Pine Hill granite. The anomaly was explained by the presence of stanniferous quartz-tourmaline veins and skarn-like alteration.

During 1990/91 activity on the tenements was greatly reduced, and included a regional gravity survey, reconnaissance mapping, and a follow-up of aeromagnetic anomalies. Mapping was completed on the Mt. Dundas grid, which covers the Rosebery Fault south of Bathers Creek, and in the Carbine area where the interpretation of gravity data suggests a hitherto unsuspected cupola. This work failed to identify any targets worth drilling.

Work recommended for 1991/92 is a follow-up of base metal anomalism outlined during the 1989/90 programme. No drilling is proposed.

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(INC. IN N.S.W.)

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1:25,000 Reference	

E.L. 101/87 & 13/88

LOCATION PLAN

BASE PLAN No.

OVERLAY PLAN No.

SCALE 1: 250.000 2·5 0 5·0 Kilometres

FIG. 1

1. INTRODUCTION

The adjoining licences E.L. 101/87 (Dundas) and E.L. 13/88 (Moores Pimple) were granted in 1988 as a result of successful tender applications, and in 1989 a successful application for untenured ground resulted in the acquisition of E.L. 45/88, which was incorporated into 101/87. The combined area of the E.L.s is now 79 square kilometres, with 24.8 square kilometres of exclusions. The E.L.s are regarded as geologically continuous and have been explored and reported as one complete block, (Figure 1). The licences are held by Renison Ltd., and explored by RGC Exploration Ltd., both wholly owned subsidiaries of RGC Ltd.

The licences cover an area of heavily forested mountainous terrain to the east of the Murchison Highway between Rosebery and Mt. Dundas to the south (Fig 1). About a third of this area became nominated National Estate during 1989/90, and about a quarter is now included in Recommended Areas for Protection (RAP's) delineated by the Working Group for Rainforest Protection.

Access is gained via the highway, the abandoned North-East Dundas Tramway, old walking tracks and various old exploration tracks constructed by previous explorers and upgraded by RGCE.

Numerous companies have explored the area in the past, and over 150 drillholes have been completed. However the bulk of this work was concentrated in a few small areas occupying about a third of the E.L.'s, and often did not target commodities such as gold and tin. Renison Ltd. showed interest in the area from the early 1960s, mainly because of its proximity to the mine lease surrounding Renison Bell tin mine, and has held portions of the area since that time, primarily to explore for tin.

Current exploration on the licences is conducted by RGCE, and has been targeted at tin and gold, and to a much lesser extent base metals and PGEs. However during 1990/91 the emphasis has moved away from tin as a result of continuing low tin prices, and instead the area is being reassessed for its base metal potential. Possible targets for base metals include skarns (cf. Colebrook Hill) and VMS, the latter based on recent statigraphic work that suggests the stratigraphic level of Hercules and Rosebery, south of Hercules, may occur in areas designated as White Spur Formation (Dundas Group) rather than in Mt. Read Volcanics.

Since 1988 the tin search has centred mainly on the N-S to NNW trending Montezuma Fault, which is covered by the Montezuma grid. This work identified drilling targets at Greens Prospect in the centre of the grid, and North Montezuma at the northern end. Drilling has adequately tested these prospects without significant success and no further drilling is proposed. During 1990/91, the work programme involved additional reconnaissance mapping and a regional gravity programme to delineate new tin targets. Detailed mapping was conducted in the Carbine Hill Area, above a granite cupola interpreted from the gravity data. However since then RGCE has moved away from tin exploration and only follow-up work on base metal anomalies is proposed at Carbine Hill.

The gold search has centred on the Rosebery Fault, a major regional structure that separates the White Spur Formation to the east from other Dundas Group sediments and volcaniclastics. This involved the Ring River Grid at Bathers Creek and the more recent Mt. Dundas Grid further south. No further work is proposed at Bathers Creek after an unsuccessful drilling programme, and only limited follow-up work is proposed for Mt. Dundas, which so far has been mapped and covered by ground magnetics and limited

C-Horizon geochemistry. In addition, a stream sediment sampling programme has been initiated east of the grid, but is still incomplete.

A review of base metal (particularly Zn) potential has been initiated, but only limited work has been completed to date. This has mainly involved a literature review.

2. LAND TENURE

EL 101/87 was granted in July, 1988 and E.L. 13/88 in October, 1988, both as a result of successful tender applications. EL 45/88 was granted in February, 1989 as part of an expanded EL 101/87.

EL 101/87 totals 50 square kilometres, with 10.1 square kilometres of exclusions as listed in Table 1.

EL 13/88 totals 29 square kilometres, with 14.7 square kilometres of exclusions as listed in Table 1.

The combined ELs also contain several small Crown reserves, roadway, and timber reserves. The remainder is vacant Crown land. In 1989 nearly a half of EL 13/88 and a small portion of 101/87 became Nominated National Estate, and a similar though smaller area has been included in Recommended Areas for Protection by the Working Group for Rainforest Protection.

Additionally, the Colebrook Hill Fossicking Area has been proclaimed, and covers a portion of EL 13/88. The current tenement situation is summarised as Figure 2.

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TABLE 1

Exclusions from EL 101/87 and EL 13/88

	Tenement	Title Holder	Comments
101/87;	3W/73	Minops	Razorback tin deposit leases
	11W/74	Minops	Razorback tin deposit leases
	62M/75	Minops	Razorback tin deposit leases
	6M/77	Minops	Razorback tin deposit leases
	86M/77	Minops	Razorback tin deposit leases
	87M/77	Minops	Razorback tin deposit leases
	22M/74	S. Dohnt/Rowbottom	"Red Lead" Crocoite mine
	74M/74	F. Mihajlowits	Adelaide Crocoite mine
	39M/75	N. Bennett	South Comet lead-zinc deposit
	40M/75	N. Bennett	South Comet lead-zinc deposit
	63M/84	F.W. Groves	Quarries
	62M/87	F.W. Groves	Quarries
	26M/85	M.J. Adams/ Cochrane/Hall	Lapidary Club Fossicking Area
	MR	S. Dohnt	1 ha Miners Right (Kapi Mine)
13/88;	445/W	Pasminco	Rosebery/Herculese mine leases
	2270/W	Pasminco	Rosebery/Herculese mine leases
	9075/M	Pasminco	Rosebery/Herculese mine leases
	9749/M	Pasminco	Rosebery/Herculese mine leases
	1000/M	Pasminco	Rosebery/Herculese mine leases
	2529/W	Pasminco	Rosebery/Herculese mine leases
	10635/M	Pasminco	Rosebery/Herculese mine leases
	10638/M	Pasminco	Rosebery/Herculese mine leases
	33M/38	Pasminco	Rosebery/Herculese mine leases
	39M/39	Pasminco	Rosebery/Herculese mine leases
	70M/46	Pasminco	Rosebery/Herculese mine leases
	99M/56	Pasminco	Rosebery/Herculese mine leases
	7M/82	Pasminco	Rosebery/Herculese mine leases
	33M/89	Pasminco	Rosebery/Herculese mine leases
	MR	J. Dohnt	1 ha Miners Right (Colebrook Hill)

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365 000mE

370 000mE

375 000mE

ROSEBERY

RENISON BELL

MURCHISON HIGHWAY

COLEBROOK HILL FOSSICKING AREA

J. DOHNT (Colebrook)

5 370 000mN

MINOPS (Godkin)

E.L. 18/86 M.G. CREASY

PASMINCO

WILLIAMSFORD

PASMINCO (Rosbery/Hercules mine leases)

RENISON M.L.

N.E. DUNDAS TRAMWAY

EXEMPT AREA

S.DOHNT (Kapl)

N.E. DUNDAS TRAMWAY

MURCHISON HIGHWAY

5 365 000mN

MINOPS (Razorback)

GROVES

MIHAJLOWITS (Adelaide)

GROVES

BENNETT (S.Comet)

DOHNT/ROWBOTTOM (Red lead)

E.L. 101/87

E.L. 13/88

5 cm

RGC EXPLORATION PTY. LIMITED

INCORPORATED IN NEW SOUTH WALES

COMPILED	J.C.
DRAWN	M.W.
DATE	
CHECKED	
1:250 000 Reference	

E.L. 101/87 & 13/88

LAND TENURE

BASE PLAN No 5522/003

OVERLAY PLAN No

SCALE 1:50 000 0 1Km

2

3. PREVIOUS WORK

Galena was first discovered at Dundas in 1887, and this led to the development of several important silver-lead mines in the Dundas area. Mining had practically ceased by 1913, by which time the Dundas Field had achieved a recorded total production of 25,050 tons of lead, 629.5 tons of zinc and 1,815,592 ounces of silver.

Alluvial tin was found in the Ring River as early as 1890, and cassiterite bearing gossans were located on Commonwealth Hill around 1893. Ultimately these and other discoveries lead to the development of the major Renison Bell tin field, and the small Exe River tin field nearby. In 1909, additional discoveries were made in the Razorback-Grand Prize area. By 1962, recorded production of tin metal from Renison Bell was 3372 tons, with an additional 21 tons from Exe River and 67 tons from Razorback-Grand Prize. Since then, tin production was restricted to the Renison Mine, which was treating around 850,000 tonnes of ore per annum by 1987. Published ore reserves (Proven + Probable) stood at 14 million tonnes grading 1.2%Sn that year.

Production of other commodities has included small tonnages of Copper-Lead-Silver from several mines in the North Dundas area, Copper-Axinite at Colebrook Hill and Copper-Nickel in ultrabasic intrusions in the Cuni area. Total copper production was around 700 tons. Chrysotile asbestos was mined in small quantities at Tunnel Hill.

Modern mining, apart from Renison tin mine, has been restricted to small scale extraction of mineral specimens of axinite at Colebrook Hill and crocoite at the Red Lead, Adelaide and West Comet mines at Dundas. In addition, small quantities of Pb-Zn ore were extracted from the South Comet Mine during 1990/91.

Modern exploration by various companies since 1950 (including RGCE affiliates) is covered in detail in the 1988/89 Annual Report (Cartwright, 1989) and will not be reiterated here. A brief summary is provided as Table 2, and the areas covered by this exploration are shown in Figure 3.

TABLE 2

PREVIOUS WORK IN DUNDAS/MOORES PIMPLE AREA

COMPANY	PERIOD	PROSPECT(S)	COMMODITIES	METHODS	RESULTS
BMR	1959/60	Razorback Grand Prize	Sn	Turam, Sp Magnetics	Inconclusive except over known mineralisation.
PLACER	1964/66	Razorback Grand Prize	Sn	Underground Drill Mining	No new orebodies found. The prospects are not connected.
N.C.G.F.	1966/71	N. Dundas (Montezuma)	Sn	Magnetics, VHEM Mapping Geochem	Coincident Magnetic and Tin-in-Soil anomaly on Montezuma Fault. Not considered worth drilling.
GEOPHOTO	1968/74	Dundas	Pb Zn Ag	IP, REM, SP, Mag Mag Mapping Geochem 79 Drill Holes	Intensive drilling located Pb Zn Ag in several thin fissure veins separated by barren host rocks. Didn't meet corporate objectives.
COMSTAFF	1970/85	E. Renison Godkin	Sn	IP, Input, Mag Mapping 58 Drill Holes	Intensive drilling defined: Tin Vein; 0.4Mt x 1%Sn, .2% Cu Salmon Vein; 0.8Mt x 3 % Pb, 2% Zn Godkin; 0.3Mt x 0.9% Sn.
CSR	1976/87	Nevada Razorback Montezuma Carbine	Sn Cu Pb Zn Au	Em, Mag, IP Dighem, Input Mapping Stream Geochem. Soil Geochem 7 Drillholes	Several Geochem. anomalies identified and followed up but more were drilled. Airborne geophysic anomalies were followed up by 7 unsuccessful holes.
EZ/GETTY EZ/CSR	1978/87	Colebrook Hill Ring R Mt. Dundas Montezuma	Sn Cu	Input, Dighem Turam, IP Mapping Geochem. 28 Drillholes	Several encouraging Sn &/or Cu intersections at Colebrook Hill (23 holes). Only minor Sn, Pb intersections on Montezuma Fault (5 holes). Deep hole proposed.

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365 000mE

370 000mE

375 000mE

5 370 000mN

5 365 000mN

LEGEND

- BLACKJACK (AMOCO) — PREVIOUS GRIDS
- PREVIOUS DRILLHOLES
- ROAD
- TRAMWAY
- MAJOR MINE
- SMALL MINE

ROSEBERY

RENISON BELL

MURCHISON HIGHWAY

EAST RENISON (COMSTAFF)

COLEBROOK HILL

WILLIAMSFORD

HERCULES

RENISON M.L.

GODKIN

IMINOPS/ COMSTAFF)

N.E. DUNDAS TRAMWAY

CARBINE (RGC)

N. DUNDAS (NCGF)

MONTEZUMA (EZ/CSR)

RING RIVER (EZ/GETTY)

N.E. DUNDAS TRAMWAY

HIGHWAY

GRAND (BMR)

PRIZE

BLACK HILL (RGC)

SOUTH NEVADA (CSR)

MURCHISON

RAZORBACK (CSR)

RAZORBACK (BMR)

CARBINE (CSR)

MOORES PIMPLE

E.L. 13/88

MONTEZUMA (GEOPHOTO)

DUNDAS GRIDS (GEOPHOTO)

BLACKJACK (AMOCO)

MISERY HILL (CSR)

BLACKJACK (TENNECO)

E.L. 101/87

MT. DUNDAS

5 cm

0 1 2km

RGC EXPLORATION PTY. LIMITED

INCORPORATED IN NEW SOUTH WALES

COMPILED		E.L. 101/87 & 13/88
DRAWN	S.N.L.	PREVIOUS WORK
DATE	MAY 1990	
CHECKED		
1:250 000 Reference		

BASE PLAN No. 5522/002 | SCALE 1:50 000 | 3

OVERLAY PLAN No

4. REGIONAL GEOLOGY

4.1 Stratigraphy (Plan 1)

Po

The oldest rocks in the area are correlates of the Precambrian Oonah Formation, occurring NW of Mt. Dundas and north of Moores Pimple. The former occurrence includes the type section of the Concert Schist (Poc) as described by Blissett (1962) - a sequence of strongly cleaved, interbedded quartz-muscovite schists, quartzites and occasional carbonate interbeds. Surrounding these are less deformed micaceous quartzites and grey to black graphitic siltstones and shales of the (undifferentiated) Oonah Formation, a turbiditic sequence which, in the Zeehan area, passes upward into shallow water sediments of the "Upper" Oonah Formation. A poorly sorted, matrix-supported carbonate rich conglomerate (Pod) often occurs at the contact, with trends reflecting those of the overlying Poc.

The Oonah Formation NW of Mt. Dundas is considered to occupy the core of an anticline, and the Pos/Po contact is thought to be an unconformity.

Ꞓs

Missing from the E.L.s is the Success Creek Group which in the type section along the Pieman River consists of about 1000m of shallow water laminated siltstones and shale, with interbedded sandstone and conglomerate. The so-called Renison Mine Sequence straddles the contact between Ꞓs and the overlying Crimson Creek Formation (Ꞓc). The mine sequence includes three persistent dolomite horizons, which between them host virtually all stratabound tin orebodies at Renison. The middle of these (No. 2 Horizon) occurs at the transition from shallow water sediments (finely interbedded sandstones and laminated siltstones of the Renison Bell Member) to volcaniclastics and related

sediments (volcaniclastic agglomerates, red cherts etc. of the Red Rock Member) and is interpreted to be the contact between Cs and the conformably overlying €c.

The relationship between Cs and the Oonah Formation is not as well understood. Blissett (1962) considered €s sediments to be conformable with and therefore part of the Oonah Formation at Zeehan.

€c

The Crimson Creek Formation was defined near Renison Mine, where it consists of about 3,500 metres of turbiditic volcaniclastic lithic wackes (derived from erosion of mafic volcanics), massive siltstones and mudstones and basaltic lava flows. Numerous gabbros intrude this sequence in the vicinity of Renison, and occasional impure dolomitic horizons have been recorded. Occurrences of €c on the E.L.s are restricted to the vicinity of Colebrook Creek (2 km east of Renison) and Colebrook Hill, although Brown (1986) disputes the latter is €c because of the presence of acid to intermediate volcanic detritus in the lithic wackes there, rather than the basaltic detritus of the type section. No mapping of €c occurrences has yet been undertaken by RGCE in these areas.

€d

Epiclastic and volcaniclastic sediments of the Dundas Group dominate the area covered by the E.L.s, and the type-section of the Group is on E.L. 101/87 near Dundas. The group is essentially a sequence of turbiditic to shallow water sediments dominated by immature conglomerates, monotonous siltstones and shales with some sandstone and grit interbeds. Acid to intermediate tuffs and related volcaniclastic sediments, and minor lava flows, appear higher in the sequence. Units of the Group typically exhibit both vertical and lateral facies variation, resulting in marked variations in thickness and contacts that are often interfingered or gradational. Hence stratigraphic correlation is generally only possible over

short distances, especially for immature conglomerates and volcaniclastics. The Dundas Group sequence is repeated north and south of the Dundas Serpentinite with a southerly facing in both cases, suggesting a major structural hiatus associated with the ultramafics.

The relationship between the Dundas Group and underlying Crimson Creek Formation is not well understood, as no unfaulted contacts between the two have yet been observed in the area. Mostly the Dundas Group is in faulted contact with Cambrian ultramafic/gabbro complexes, however an unfaulted contact was encountered in diamond drillhole MZ 005 (Subsection 6.2.4), where the hole passed from immature, polymict conglomerate through a gradational contact into a gabbroic conglomerate thence into a gabbro of the Serpentine Hill complex. At "Greens Prospect", drillholes MZ001 and 003 demonstrated that relatively unfolded Dundas Group sediments overlie a Cambrian ultramafic complex which must have been a topographic high at the time of deposition of the sediments. Conglomerates at this location contain occasional fuchsitic pebbles.

At the south end of the Montezuma Grid, in a creek located between lines 4200N and 4400N (Duck Creek), a pseudo-conformable contact between Dundas Group sediments and the Oonah Formation is observable. The absence of about 1000m of Es and 3,500m of Ec at this location indicates that strong topographic relief was developed on Po prior to deposition of the Cambrian sedimentary successions. Geochemical evidence suggests the contact is faulted (Sub-section 6.3)

The Fernfields Formation (Edf) contains magnetic conglomerates and thus provided a useful magnetic marker horizon south and west of Dundas.

Eu

Cambrian ultramafic complexes occur at a number of locations throughout the E.L.s, including the blind

ultramafic complex at "Greens Prospect". Typically, the complexes exhibit a high degree of internal deformation, and are strongly serpentinised as a consequence. The only exception is the Serpentinite Hill complex, which includes core areas of relatively undeformed, unserpentinised dunite and pyroxenite surrounded by sheared serpentinite and intruded by gabbro.

The ultramafic at "Greens Prospect" is similar to the Dundas ultramafic complex in that it consists of serpentinite with a high chromite content and a high level of internal deformation. Aeromagnetic evidence suggests the ultramafic is a cross-faulted extension of the Colebrook Hill complex, and may link that complex with the Dundas complex.

Current tectonic theory has these ultramafic complexes emplaced as allochthonous thrust sheets emplaced during the mid-Cambrian (Berry & Crawford, 1988).

Ɛg

Gabbros occur within the ultramafic complexes, and as separate, irregular intrusions within Ɛc mainly, but also in Ɛd sediments.

Dg/Dp

The Pine Hill Granite (Dg) intrudes the Ɛc/Ɛu contact at Pine Hill, 800m west of the boundary of E.L. 101/87. The granite is described as a porphyritic adamellite, and is thought to be part of a multiple intrusive body. The Pine Hill outcrop represents a cupola on this body, and is affected by an early phase of alteration involving silicification and sericitisation, followed by boron metasomatism resulting in local greisen development with quartz, tourmaline, topaz, muscovite, minor cassiterite, molybdenite, wolframite, bismuth and fluorite. Quartz-tourmaline veining occurs over a wide area around the granite, and extends onto E.L. 101/87.

A genetically related quartz porphyry (Dp) dyke extends onto 101/87 from Pine Hill. Although generally barren, these porphyries do sometimes host cassiterite mineralisation at Renison (e.g. Dalcoath opencut).

The 1990/91 gravity survey delineated all known granitic cupolas (Pine Hill, Colebrook Hill, Rosebery), and an additional culmination some 750m below surface at Carbine Hill.

Dos

In the southwest corner of E.L. 101/87, the Dundas Group is overlain, possibly above a disconformity, by Ordovician, Silurian and Devonian sediments. The Florence Quartzite (Df) provided a useful marker horizon for airphoto interpretation.

4.2 Structure

Precambrian

The Oonah Formation at Dundas generally possesses a higher degree of deformation than Palaeozoic units. This deformation is interpreted as occurring during the Precambrian Penguin Orogeny, and is overprinted by Palaeozoic deformations. The core area of the Concert Schist exhibits even higher grades of deformation, with the development of a strong schistosity.

Cambrian

The main structural and stratigraphic feature of the area is the Dundas Trough, the main features of which are listed below:

1) Correlates of the highly deformed Oonah Formation are present on directly opposite sides of the trough.

2) The thick Mt. Read felsic volcanic belt (MRV) occurs along the eastern margin of the trough, but has no

correlates on the western side. Such felsic successions have their modern analogues in Andean-style subduction zones.

3) Early shallow water deposits (Ɛs), followed by greywackes and tholeiitic lavas (Ɛc) and finally Dundas Group sediments infill the trough. Sediment input was rapid.

4) Mafic-ultramafic complexes (MUC) with the characteristics of ophiolites are present as fault-bound slices interdigitating with these sediments. Modern analogues occur in mid-ocean ridge and oceanic island arc settings.

5) Dundas Group sediments are derived partly from the Mt. Read Volcanic Belt, partly from Precambrian sources and partly from intra-trough sources including small quantities of ultramafic and gabbroic material.

A number of alternate plate tectonic models have been proposed to explain these features, however no unifying model has been proposed that adequately explains them all. The earliest and most attractive model proposed that the Dundas-Fossey Trough and other Eo-cambrian-Cambrian troughs developed as several anastomosing rifts developed within deformed Precambrian rocks during the Early Cambrian (Corbett et al, 1972), and were infilled with Cambrian sediments. The model failed to adequately explain the presence of MRV's and MUC's, and this led Corbett & Lees (1987) to propose the existence within the Dundas trough of an easterly dipping subduction zone. Williams (1988) proposed an alternate westerly dipping subduction zone at the site of the Tamar Fracture to account for all the observed features. Finally Berry & Crawford (1989) proposed that continued subduction at an easterly dipping intra-oceanic subduction zone resulted in a continent-arc collision and subsequent overthrusting of MUC's (of forearc origin) onto the subducting continent, with post-collision volcanism producing the MRV's.

Unambiguous structural evidence of early rifting has not been positively identified at Dundas however major normal faults such as the Federal-Bassett Fault (Renison Mine) may have originated during rifting, and been re-activated during Devonian deformation.

Evidence of thrusting is observeable within the MUC's which often exhibit a high degree of internal deformation and dismembering. All contacts with €c and older units are faulted, but contacts with Dundas Group rocks are more complex, varying from unconformable to complex faulted with apparent interfingering. The Dundas Group appears to post-date any thrusting involving the MUCs as can be seen at Greens Prospect, where a strongly sheared and altered ultramafic complex with strong palaeotopographic relief (as defined by ground magnetics) is overlain by consistently easterly dipping Dundas Group sediments exhibiting relatively minor folding and faulting of Devonian origin. Thus Dundas Group sediments are probably obscuring many Cambrian tectonic features.

The Rosebery Fault represents a major Cambrian thrust that is not associated with MUCs.

Devonian

The Devonian Tabberabberan Orogeny produced most of the observable folding and faulting that has been mapped in the Dundas area, and Tabberabberan fold interference patterns seem to have exercised a degree of control on the shape of Devonian granite intrusions, as interpreted from regional gravity data (Leaman 1989).

The main structural components of Devonian Orogeny are most easily observed in Silurian-Ordovician sediments southwest of the E.L.s, because these have not been affected by earlier deformations. The pattern of folds in these rocks reflect compression in two principal directions:

1) NE/SW - producing NW trending close to tight fold axes.

2) NW/SE - producing NE trending open folding that resulted in strong interference patterns with the NE/SW folds.

The main folds thus generated in the vicinity of the E.L.s are:

1) Huskisson Syncline - A major regional syncline with a NW-SE trending axis which extends onto E.L. 101/87 west of Colebrook Hill.

2) Renison Anticline - An open, SE plunging anticline the axis of which extends through Renison Bell, where it is accentuated by normal faulting that produces a SE trending Horst block between the Federal-Basset and Argent Faults. Dundas Group sequences between Renison Bell and Williamsford are folded gently around this regional feature.

3) Dundas Anticline - This domal feature is complicated by Precambrian deformation within the core of Oonah Formation sediments, and by the presence of a pre-existent basement high.

These features are peripheral to the central areas of the E.L.s, where the Dundas Group sediments typically exhibit minor, NE trending open to close folds of limited lateral extent. In general sediments in these areas typically exhibit easterly facings and dips, and strike trends paralleling the Renison Anticline.

Faulting also exhibits two dominant trends on the E.L.s.

1) NNW - Steeply dipping faults exhibiting limited dip-slip to oblique slip displacement.

2) NE - Steeply dipping faults exhibiting more significant displacement.

Displacement within the Dundas Group is difficult to determine because of a lack of suitable marker horizons, however detailed mapping and drilling on the Montezuma Grid suggests that displacement is minor for the NNW faults, even though they often display alongstrike persistence (e.g. Montezuma Fault).

The NE trending faults generally exhibit more significant displacement and often either occur along the margins of mafic-ultramafic complexes or are developed above "blind" MUCs, as at Greens. This suggests that MUCs and related Cambrian thrusts are acting as zones of structural weakness along which Devonian fractures became focussed. Carbonaceous shales also acted as a focus for such deformation because of their relative ductility.

There is no evidence to suggest that the Federal-Bassett Fault (FBF), which is the main mineralising structure at Renison, continues across the MUC northeast of Pine Hill. Nor is there any evidence that it continues as the Montezuma Fault. The FBF either "feathers out" to form a monocline before reaching the MUC, or the ductile MUC has "absorbed" the displacement, thus terminating the structure.

Post-Devonian

No Post-Devonian tectonism is evident in the Dundas area, although Post-Permian thrusting has been observed at Zeehan (Crossing 1989).

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4.3 Mineralisation

The types of mineralisation historically mined in the Dundas/Moores Pimple area are listed in Table 3.

The copper-nickel mineralisation at Cuni, and the platinoid enriched zones in the ultramafics from which osmiridium placers derived, both resulted from Cambrian processes of magmatic segregation. All other styles of mineralisation are ultimately a product of Devonian granite intrusion.

A broad zonation of Devonian mineralisation occurs, centred on the Heemskirk-Pine Hill-Granite Tor ridge of granitic intrusion. A central zone of sulphur-rich tin deposits occurs within 2km of the granite surface, and an outer zone of "sulphur-poor" base metal deposits extends up to 10km from the granite. This apparent zonation is a result of "telescoping" of earlier, magmatically derived tin bearing fluids and later meteoric fluids that deposited base metals.

Gold is another target commodity, but historical production is limited to small quantities of alluvial gold won from Melba flats.

TABLE 3

Types of mineralisation mined in Dundas-Moores Pimple Area

TYPE	DESCRIPTION	COMMODITY	MINERALOGY	EXAMPLE
STRATABOUND	Massive sulphide replacement of faulted Cs dolomites	Sn	Pr Qt Tc Sd Ap To Cs	Renison (stratabound)
"RAZORBACK"	Semi-massive sulphides replacing faulted, dolomitised ultramafics (Cus)	Sn	Pr Py Qt Tc Sd Ap Cs	Razorback, Grand Prize
FAULT	Complex multi-phase sulphide mineralogy in major permeable fault	Sn Cu	Qt Pr Ap To Cs Cp	Renison (Federal)
	Pyrrhotite lenses in carbonate-magnetite mineralised faults	Sn	Pr Cb Mt Cs	Renison (Polaris)
FRACTURE	Silicified, tourmalinised fractured Cs siltstones	Sn	Qt To Pr As Cs	Renison (Melba)
FISSURE LODES	Stanniferous lodes occupying persistent NNW trending fractures	Sn, Cu	Qt Pr Py Ap Cp Cs	Frazers, Exe R.
	Antimonial-lead lodes occupying NNW/NE fractures & veins	Cu Pb Ag	Sd Py Gl Sl Tt Js	Curtin Davis
VEINS	Quartz-tourmaline veins adjacent to granites	Sn	Qt To Cs	Pine Hill, Exe R.
SILL	Massive sulphide accumulated at base of gabbroic sill (Cg)	Cu Ni	Pn Ml Pr Py Cp	Cuni
PLACER	Osmiridium rich placers derived by erosion of ultramafics	Os Ir	Os Ir (Cr)	Melba

TABLE 3 (Contd).

LEGEND

Ac	Actinolite
Ag	Silver
Ap	Arsenopyrite
Ax	Axinite
Cb	Carbonate
Cp	Chalcopyrite
Cr	Chromite
Cs	Cassiterite
Cu	Copper
Gl	Galena
Ir	Iridium
Js	Jamesonite
Ml	Millerite
Mt	Magnetite
Ni	Nickel
Os	Osmiridium
Pb	Lead
Pn	Pentlandite
Pr	Pyrrhotite
Py	Pyrite
Qt	Quartz
Sd	Sidrite
Sn	Tin
Tc	Talc
To	Tourmaline
Tt	Tetrahedrite

5. WORK COMPLETED 1990/91

5.1 Geology

Detailed geological mapping and rock chip sampling was undertaken along all roads and creeks in the Carbine Hill Area by contract geologist Danny Delfin, with assistance from the author. The aim was to determine the potential for tin mineralisation above the granitic cupola interpreted to underly the area by Dr. Leaman (refer sub-section 5.3 and Appendix 4).

The results are presented as Plans 3 and 4 and a written report included as Appendix 1.

All aeromagnetic anomalies listed in the 1989/90 Annual Report (Appendix 1) as warranting further investigation were followed-up, with the exception of those correlating with known magnetic features. This involved traverses with a backpack mounted magnetometer to locate the anomalies, combined with geological mapping and rock chip sampling. The results are discussed in Sub-section 6.4

In addition, limited reconnaissance mapping and rock chip sampling was undertaken, combined with an ongoing review of literature, aimed at generating new targets for exploration on the leases. This mapping is included on Plans 4-6, some of which also incorporate earlier fact mapping.

Airphoto Interpretation was completed over the unforested south-west portion of EL 101/87, using existing 1:16,000 colour photography of the Renison-Dundas area, flown in 1988, and 1:20,000 colour photography, NW forests, flown in 1984. The results are incorporated into Plan 1.

5.2 Geochemistry

A C-Horizon soil sampling programme was extended over the Mt. Dundas grid at 25m x 400m spacings, and over lines 3800N and 4000N of a three-line extension at the south end of the Montezuma Grid (pegged during 1989/90). This involved the collection of 417 samples from the (nominal) C-Horizon by contractor Chris Cooney using a manual soil auger. Rock chips were collected where there was good outcrop.

All samples were submitted to Analabs where they were pulverised to -200# and analysed for Cu Pb Zn (AAS-Method 101) and Sn (XRF-Method 401), then a quantity of pulp submitted to Becquerel and analysed for Au Ag As Ba Br Ce Cs Cr Co Eu Fe Hf Ir K La Lu Mo Rb Sb Se Sc Sm Sn Ta Th U W Yt Zn Zr using neutron activation (Method 1801-Gold+26). The results are included as Appendix 2, and selected results are plotted as Figures 5-15. Sample locations are plotted on Plan 6, and geological descriptions of samples are also summarised on this Plan.

In addition, 74 rock chip samples were collected during reconnaissance mapping and during mapping in the Carbine Hill Area. These were all submitted to Analabs where each sample was crushed and the whole sample pulverised to nominal -200# in a LM5 Mill. The samples were then analysed for Cu Pb Zn (AAS), Sn (XRF) and Au + 26, as outlined in the preceding paragraph. The results are included as Appendix 3 and sample locations are plotted on Plans 4-6.

Also, 9 sample pulps from DDHs MZ001-004 were resubmitted for PGE analysis by Becquerel, using neutron activation (Method 1807). The method detects Au Ir Os Pt Pd Ru and Rh. Samples were chosen from Cr-rich serpentinites in DDHs MZ003, and from Frazers Lode and a Cu-rich siliceous pyritic shear zone in MZ004. Analytical results are included as Appendix 7.

In May, 1991 a stream-sediment sampling programme was initiated to sample 1st and 2nd order creeks flowing east from Mt. Dundas. Samples were sieved to -200# without panning and flocculated to settle into small vials. These were submitted to Becquerel for neutron activation (Gold + 26 elements). The advantage of the method is that it avoids preconcentration of heavy minerals by panning, and by choosing -200# the effect of hydraulic concentration in sediment traps of heavy minerals (such as gold) is avoided.

The aim of the survey is to test the area for anomalous gold. Previous surveys have omitted gold. It is hoped that some gold mineralisation may occur within the White Spur Formation in the hangingwall of the Rosebery Fault.

Gold standards were routinely submitted, usually as every 20th sample. The determined values of these standards are listed as Appendix 8.

5.3 Geophysics

A regional gravity survey was undertaken for RGCE during October-November 1990, by Mackie Martin Pty. Ltd. It involved 191 stations extending over most of the EL, and beyond the boundaries where necessary. Positions were estimated from 1:25,000 topographic maps and more detailed grid based maps where available. All elevations were determined barometrically, using survey points for control.

The aim of the survey was to delineate the surface of the Heemskirk-Pine Hill-Granite Tor granite ridge. Surveying of individual stations was not undertaken because the nature of the survey did not justify the prohibitive extra costs involved. The use of barometrically determined elevations was deemed adequate for the purpose of the survey.

This data was supplemented by Division of Mines & Mineral Resources stations acquired during the Mt. Read Volcanics Project. The combined data was then interpreted by Dr. David Leaman. The data and Dr. Leaman's report are included as Appendix 4.

The follow-up of the 1989/90 Aeromagnetic Survey is discussed elsewhere (refer Sub-sections 5.1 and 6.4).

The data from the 1989/90 ground magnetic survey of the Mt. Dundas Grid was submitted to Tesla 10 who produced a contour plan and stacked profiles (Plans 7 and 8).

5.4 Drilling

MZ005, drilled at North Montezuma, was completed in mid 1990 and preliminary data was discussed in the 1989/90 Annual Report. The hole was subsequently cased with slotted PVC and the core returned to the Zeehan coreshed where it was logged, photographed and selectively split.

154 sample splits (usually of 1 metre intervals) were submitted to Analabs where they were crushed, and the whole sample pulversied to -200# in an LM5 Mill. The samples were then analysed for Cu Pb Zn (AAS-Method 101) and Sn (XRF-Method 401), then pulps were forwarded to Becquerel and analysed for Au + 26 elements using neutron activation (Method 1801). Gold standards were included as every 20th sample (Refer to Appendix 8).

Drill logs are included as Appendix 5, and analytical results as Appendix 6. The results are summarised as Plans 8-11 (drillhole sections).

Additionally, the logs of MZ001-004, which did not appear in the 1989/90 Annual Report because of delays in setting up a computer database, are included in Appendix 5.

MZ004 was electrically logged during the year by the N.S.W. Department of Minerals and Energy. The electrical probe measured SP, resistivity and chargeability. The IP survey utilised a dipole-dipole array with electrode separations of 0.25m and 4.0m. Results are included as Plans 13 and 14.

Finally, 54 sample splits from unsuccessful Ring River drillholes RR001 and RR002, were submitted to Analabs and analysed for Cu Pb Zn Ag (AAS-Method 101) and Sn (XRF-Method 401). The results are included as Appendix 7. The holes were drilled in 1989/90, but were not assayed until 1990/91. The drill logs and a discussion of results were included in the 1989/90 Annual Report.

5.5 Rehabilitation

Sections of the track to MZ005 were rehabilitated using an excavator, and boggy sections of the N.E. Dundas Tramway were corded. Also, an old helipad adjacent to the tramway was tidied up.

6. RESULTS

6.1 Carbine Hill Area

The mapping programme by D.M. Delfin in the Carbine Hill Area was successful in locating significant quantities of dolomites capable of hosting replacement-style tin deposits (e.g. Renison) or skarn deposits (e.g. Tenth Legion, St. Dizier). These occurred in the Oonah Formation and in Cambrian sediments assigned to the Crimson Creek Formation by Danny Delfin, but which has also been assigned to the Dundas Group by various authors (Elliston, 1951, Brown 1986). Refer to Appendix 1 and Plan 2.

The mapping also located a number of apparently significant structures which could conceivably act as fluid conduits for magmatic derived fluids originating from the granitic cupola interpreted in the area by Dr. Leaman (Appendix 4). However because of the difficulty in assigning Cambrian units between the Dundas Group and Crimson Creek Formation, and also because of the lack of suitable marker beds, it is very difficult to determine how significant the displacement across such structures is, and how persistent they are. The serpentinites, however, show evidence of strong internal deformation (striations, slickensides) and faulted margins. These margins are often intensely silicified and carbonated, similar to the alteration encountered in MZ004.

The mapping failed to identify any significant alteration or replacement of the dolomites, and the rock chip sampling failed to identify any elevated levels of Sn or W. Elements such as Rb and Cs, which are elevated in fractionated granites and thus useful chemical "signatures" of magmatically derived alteration, also remain low.

The only analytical results of any significance are listed below;

T36506-07; T36516 ;	Cu Pb Zn Ag Co Ba As anomalism associated with manganiferous gossan and quartz-sulphide veining associated with a NNE trending fault zone.
T36508 ;	High Cu Pb Zn Ag in northern extension of North Comet Lode (?).
T36517-19;	Cr Co Lr Fe anomalism associated with magnetite gossan in Serpentinites. These samples were re-submitted for PGE analysis.
T36520-21;	Cu Pb Zn Ag Sb As anomalism associated with siliceous, pyritic faults in Concert Schist.

6.2 Montezuma Grid

The results of DDHs MZ001-005 were discussed in the 1989/90 Annual Report, however the analytical results of MZ005 had not been received at that time, and will therefore be discussed in this report. Additionally, some selected intervals from MZ001-004 resubmitted for PGE analysis are reported.

Of the 9 selected (mostly Cr-rich) samples from MZ001-004 which were resubmitted for PGE-analysis, only two from the Frazer Lode intersection in MZ004 returned significant analytical results, (T28286, 28287) averaging 825 ppb Au, accompanied by trace Osmiridium. Detectable levels of Osmiridium were also returned from all other samples some of which also contained detectable Ru and Rh. However none of the PGE results are considered significant. Results are included as Appendix 6.

151038.

MONTEZUMA PROSPECT

DUNDAS GROUP

- INTERMED VOLCANICS / VOLCANICLASTICS.
- CONGLOMERATES / GRITS.
- SHALE / SILTSTONE / SANDSTONE

INTRUSIVES

- GABBRO

ALTERATION

- SULPHIDES
- CARBONATE

0 100m

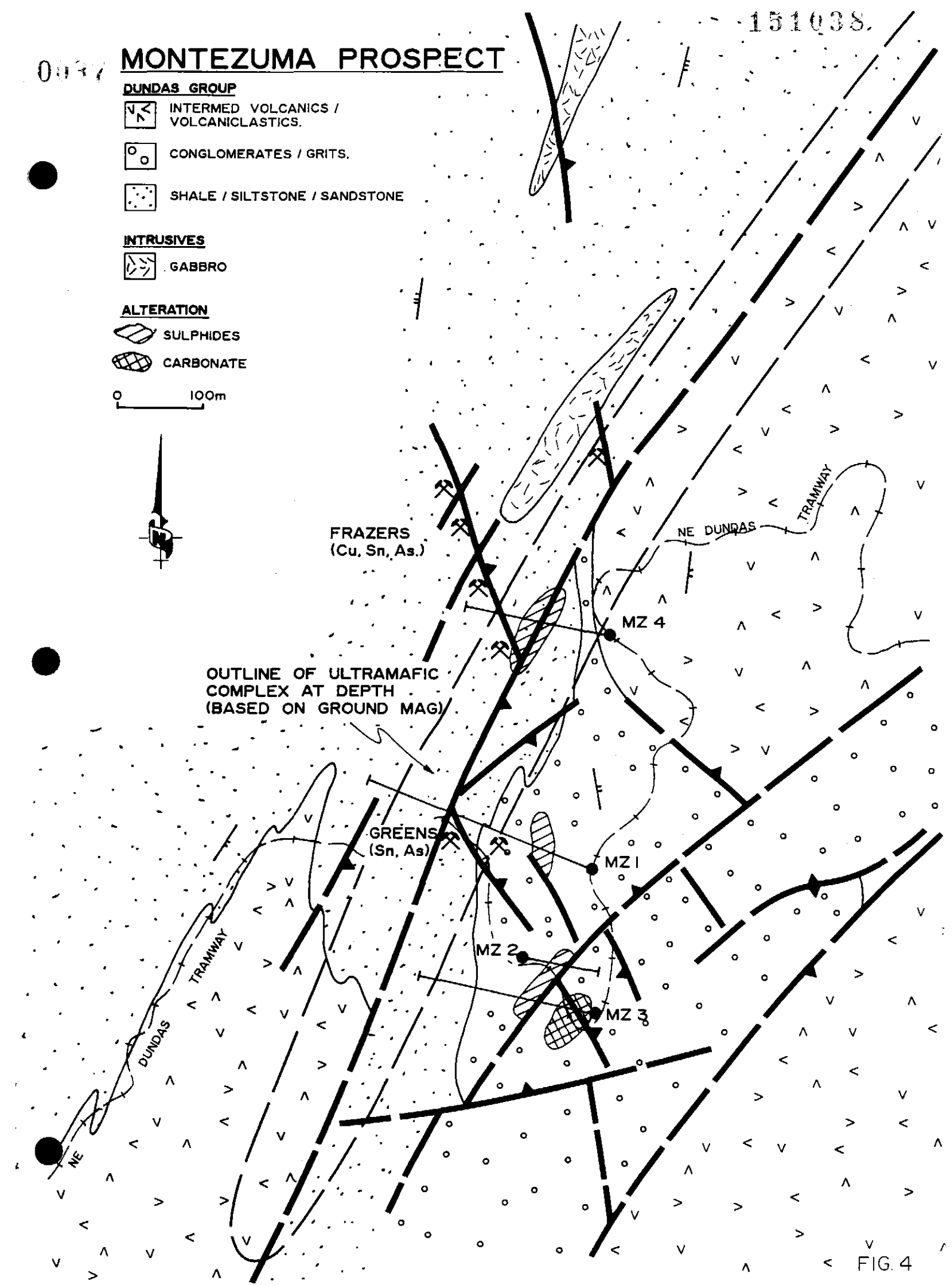


FIG. 4

The IP/SP survey of MZ004 identified several resistivity lows coincident with logged graphitic shears and massive sulphides, and "spikey" chargeability anomalies correlating with disseminated pyrite in some shears. A broad SP response occurs across Frazers Lode and underlying sulphide rich siltstones.

MZ005 was drilled to test a large tin anomaly in the Northwest corner of Montezuma Grid. The anomaly forms a broad halo around the Pine Hill granite and extends NE along the faulted contact between gabbros of the Serpentine Hill Complex (€g) and Dundas Group sediments (€d). The hole was collared on E.L. 101/87 and passed onto the Renison ML boundary at about 200 m downhole.

A summary log is provided below:

0.0-12,.0m	;	Precollar
12.0-25.4m	;	Siltstone & interbeds of conglomerate with recrystallised matrix (Actinolitic)
25.4-27.6m	;	Ferruginous Clay (? Fault)
27.6-103.5m	;	Gabbro 27.6-59.0m; stockwork of quartz-tour-carb. veins 59.0-66.0m; sheared, carbonate rich 66.0-69.9m; brecciated 69.9-74.3m; silicified 74.3-88.5m; altered, brecciated + pyrrhotite 88.5-103.5m; partially sheared
103.5-107.5m;		Polymict conglomerate with recrystallised mafic matrix
107.5-112.4;		Gabbro breccia (?); with quartz-tourmaline veins
112.4-129.0;		Gabbro: silicified toward base

129.0-141.7;	Monomict conglomerate; "gabbroic" composition
141.7-145.1;	Lithic-arenite; mafic derived
145.1-178.2;	Polymict conglomerate; with matrix of partially actinolitised mafic lithic-arenite
178.2-187.1;	Altered basalt (?); quartz-actinolite-chlorite alteration & quartz-tourmaline veining
187.1-187.9;	Fault
187.9-214.6;	Gabbro; with quartz-tourmaline veins
214.6-219.9;	Fault; puggy, with sphalerite-galena veins
219.9-529.0;	Gabbro; with quartz-tourmaline veins 283.5-290.0m; extreme quartz-siderite-fuchsite-tourmaline alteration 377.0-391.2m; Sheared, with sphalerite-galena veins 402.8-406.6m; Abundant quartz-tour. Veins 523.0-523.2m; Quartz-porphyry vein 525.2-525.4m; Quartz-porphyry vein

The Ɛg/Ɛd contact proved to be complex and faulted, with Cg and Cd interdigitating over the interval 277.6-178.2. The unfaulted contact at 129.0m, where the hole passes from gabbro into a gabbroic monomict conglomerate and finally into a polymict conglomerate, may be an overturned unconformity at the base of the Dundas Group. The conglomerate is considered to be a correlate of the Red Lead Conglomerate.

The most significant anomalous intervals in MZ005 are listed below:

160.0-189.0m; 648ppm Sn, 54ppb Au (As Sb), with up to 1570 ppm Sn, 520 ppb Au
216.0-219.9m; 0.2% Pb, 0.5% Zn
222.0-225.0m; 0.3% Pb, 0.2% Zn, 319 ppm Sn (Au W)
283.5-290.0m; 0.1% Pb, 0.2% Zn (As, Sb)
379.0-391.2m; 0.5% Pb, 0.9% Zn, (As, Sb, W)
402.8-406.6m; 0.2% Pb, 0.4% Zn, 458 ppm Sn (As, Sb)
422.8-423.7m; 15.7% Pb, 2.19% Zn, 120 ppm Ag (As, Sb)

The anomalous interval 160.0-189.0m straddles a highly altered fine grained mafic rock at a faulted contact between gabbro of the Serpentine Hill Complex, and Dundas Group conglomerates. It is associated with quartz-chlorite-actinolite-axinite alteration and quartz-tourmaline veining.

Intervals 216.0-219.9m and 379.0-391.2m are associated with puggy fault zone in gabbro. The latter interval contains numerous quartz-tourmaline veins, and quartz-siderite veins containing sphalerite and galena.

The intervals 222.0-225.0m, 283.5-290.0m and 402.8-406.6m occur in altered gabbro. Alteration minerals include quartz, carbonate and fuchsite, with tourmaline and/or siderite present. Quartz-tourmaline veins are present, and are cut by younger quartz-siderite veins which contain sphalerite and galena. Alteration is most intense where base metal veins are most numerous. The interval 422.8-423.7m is a large base metal vein in altered gabbro, with quartz-carbonate gangue.

In general, the hole is weakly anomalous throughout for tin, with higher values generally co-inciding with visible high temperature alteration assemblages (e.g. Axinite, Actinolite) and/or with quartz-tourmaline veining. High base metal values generally co-incide with visible base

metal veining, which cross-cuts and therefore post-dates quartz-tourmaline veins.

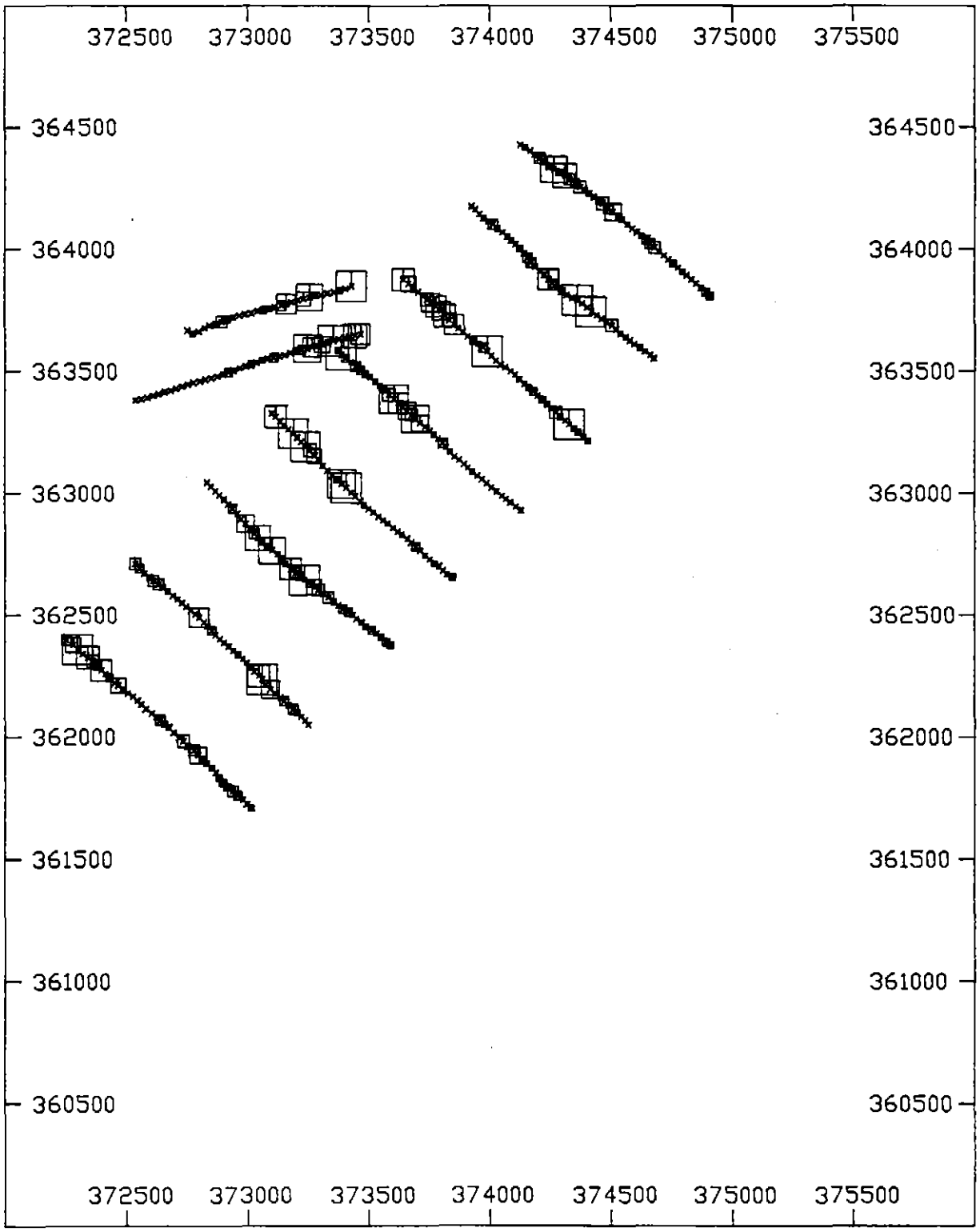
6.3 Mt. Dundas Grid

The geology of the Mt. Dundas Grid is discussed in the 1989/90 Annual Report (Appendix 7), and only the interpretation plan from that report is included here (Plan 15). The 1989/90 geological mapping has been supplemented by logging of auger samples collected during the 1990/91 C-Horizon sampling programme, but the results do not significantly affect the 1989/90 interpretation. The auger sample logs are summarised as Plan 6.

The C-Horizon sampling programme produced the following anomalies;

1) A Zn (Pb, Cu) anomaly extends SW from Montezuma Grid co-ordinates 4000N/5100E to Mt. Dundas Grid co-ordinates 2200N/4750E. The anomaly coincides with the contact between the Oonah Formation and Dundas Group, suggesting the contact is a mineralising structure. The anomaly is a southward extension of Zn anomalism outlined on the Montezuma Grid during the 1988/89 C-Horizon survey, which extended as far south as line 4200N (Cartwright, 1989). Old workings occur adjacent to the contact on lines 2200N and 2400N on the Mt. Dundas grid, where minor sphalerite-galena veins occur in carbonate altered, slightly pyritic basic rocks.

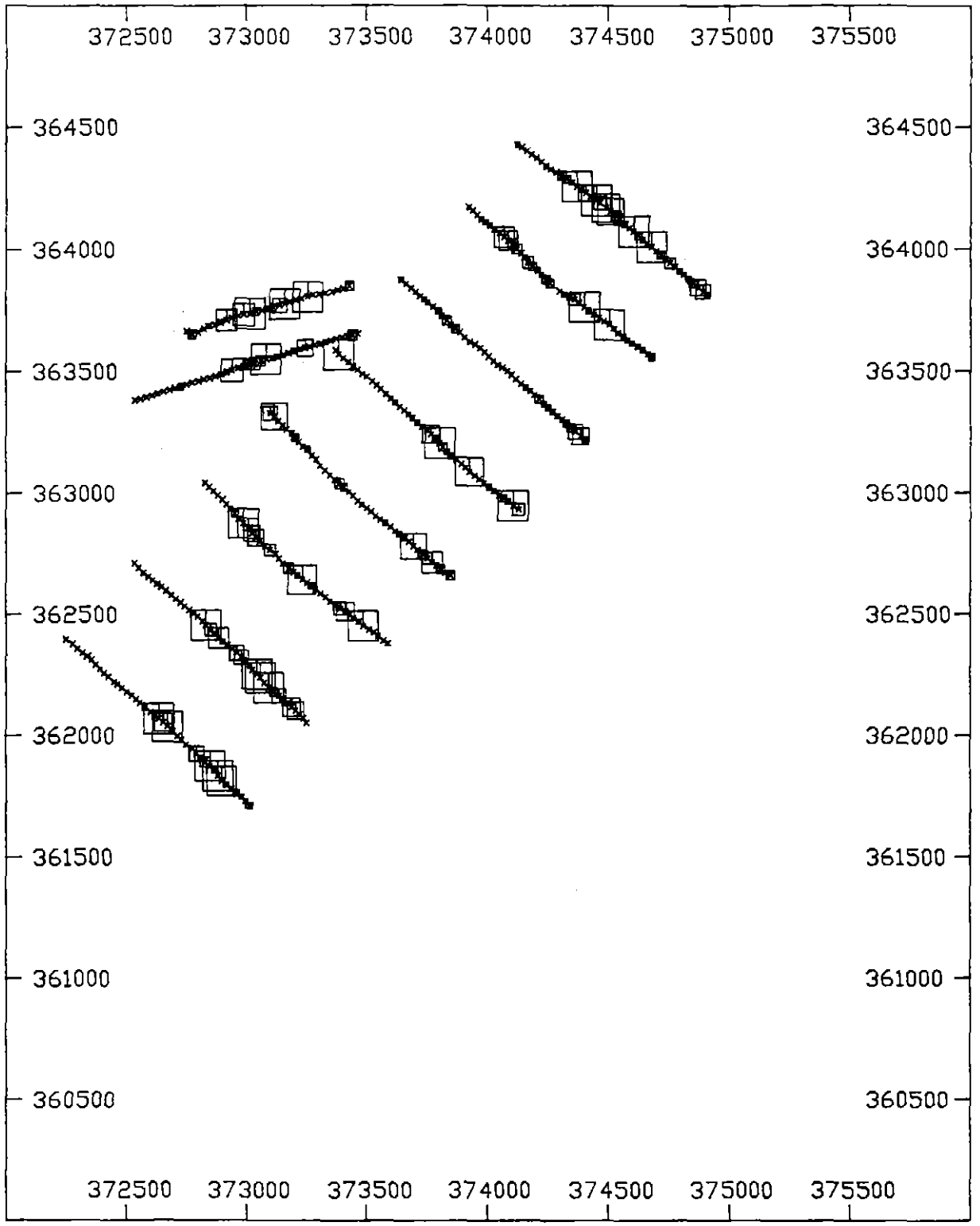
2) A Sn, W, As, Pb, Ba (Zn, Sb) anomaly extends SSE from Montezuma Grid co-ordinates 4000N/4825E to 3800N/4875E. This broad anomaly coincides with the outline of the Maestries (dolomitic) conglomerate where it truncates against the Montezuma Fault. Old workings occur in the conglomerate some 400m NW of 4000N/4825E, in a hematite-pyrite-manganese gossan, and also on the Montezuma Fault where it intersects line 4400N. The anomaly has been intensively drilled



5 cm

UPPER LIMIT 200ppm

RGC EXPLORATION PTY. LTD.		
COMPILED	J.C.	MT. DUNDAS GRID SOIL & ROCK GEOCHEMISTRY Cu
DRAWN	M.W.	
DATE	6/91	
CHECKED		
1:25000 REF.		
	SCALE 1:25000	FIG. 5.



5 cm

UPPER LIMIT 200ppm

RGC EXPLORATION PTY. LTD.

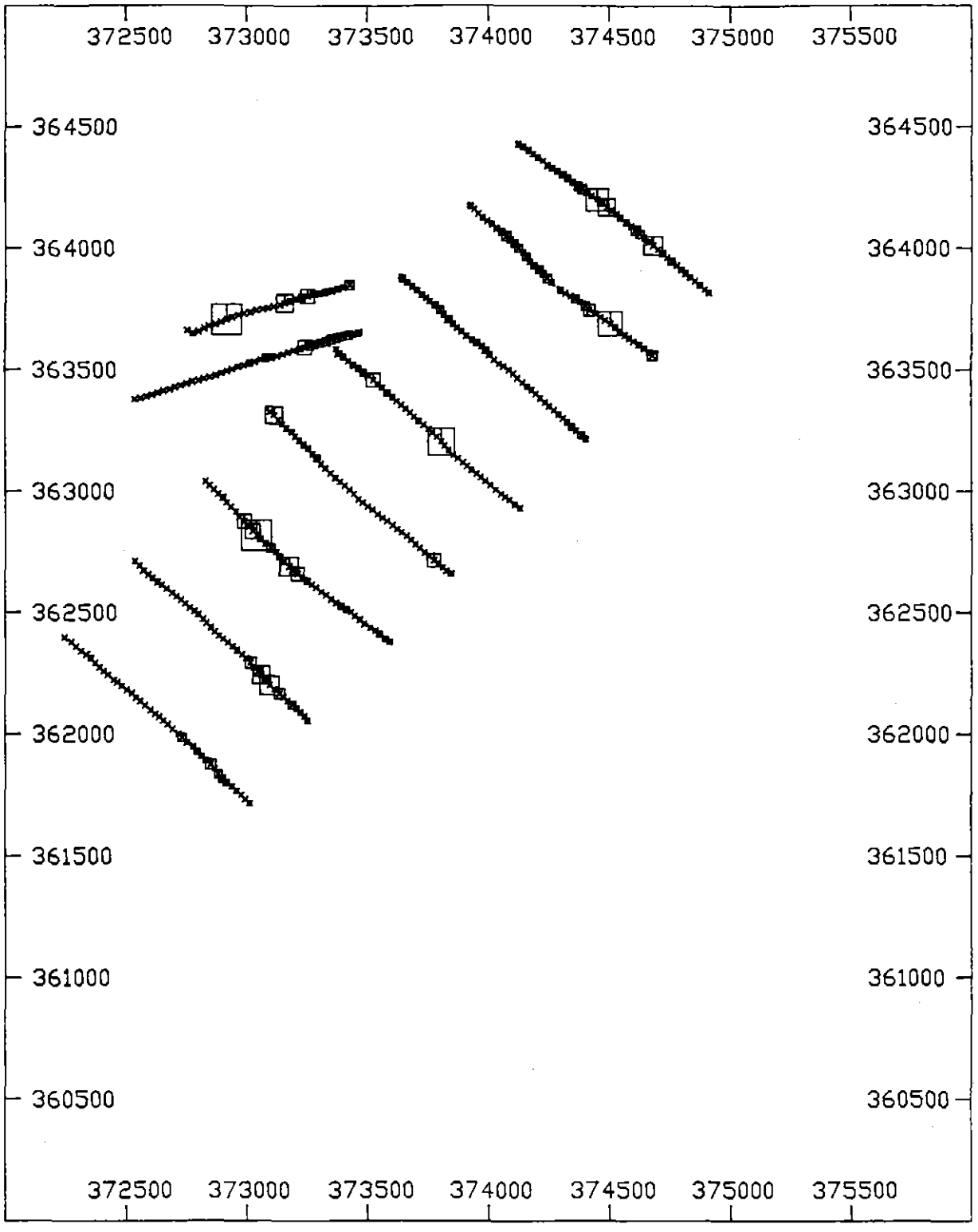
COMPILED	J.C.
DRAWN	M.W.
DATE	6/91
CHECKED	
1:25000 REF.	

MT. DUNDAS GRID
SOIL & ROCK GEOCHEMISTRY

Pb

SCALE 1:25000

FIG. 6



5 cm

UPPER LIMIT 250ppm

RGC EXPLORATION PTY. LTD.

COMPILED	J.C.
DRAWN	M.W.
DATE	6/91
CHECKED	
1:25000 REF.	

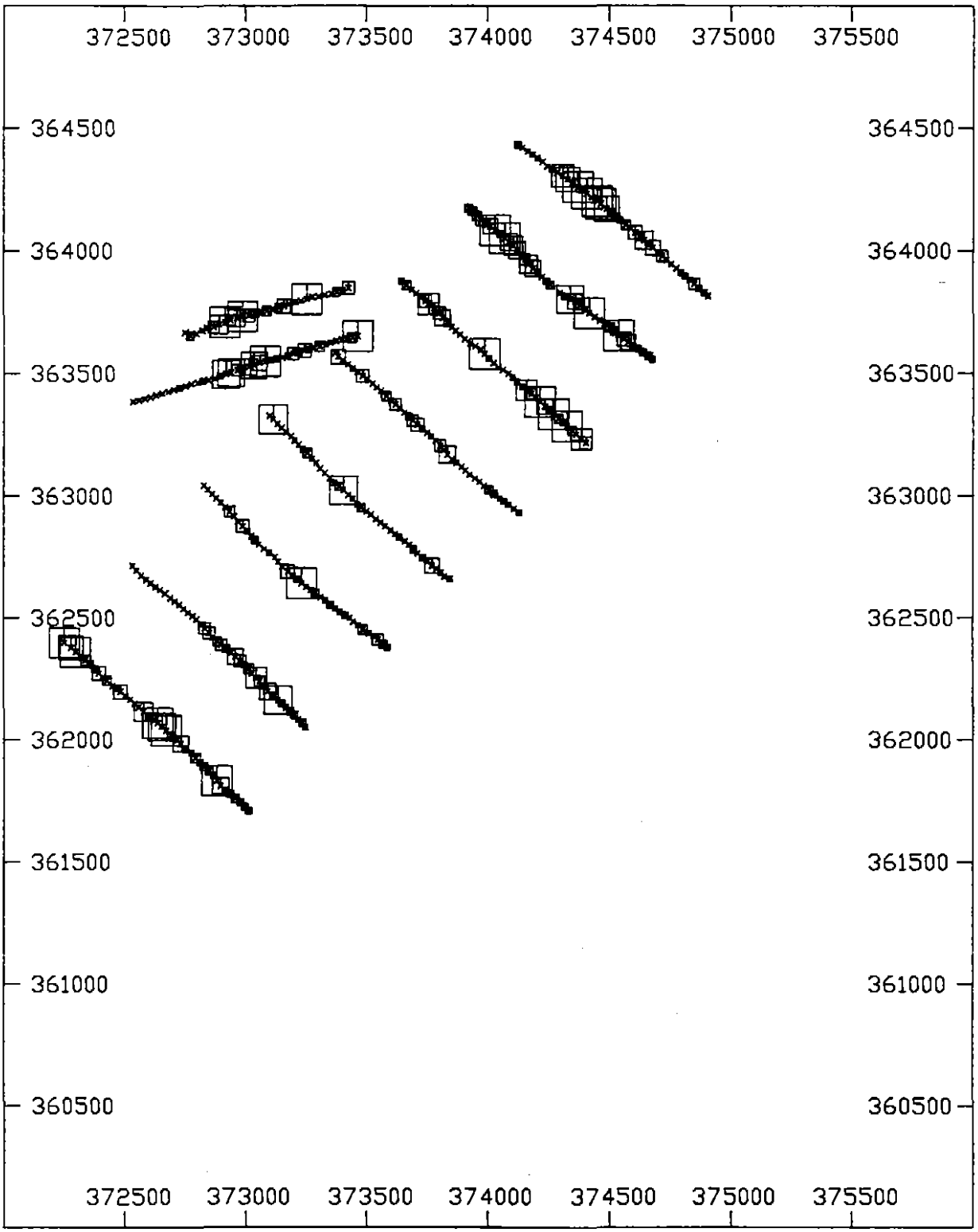
MT. DUNDAS GRID
SOIL & ROCK GEOCHEMISTRY

Zn

SCALE 1:25000

FIG. 7

151046



5 cm

UPPER LIMIT 50ppm

RGC EXPLORATION PTY. LTD.

COMPILED	J.C.
DRAWN	M.W.
DATE	6/91
CHECKED	
1:25000 REF.	

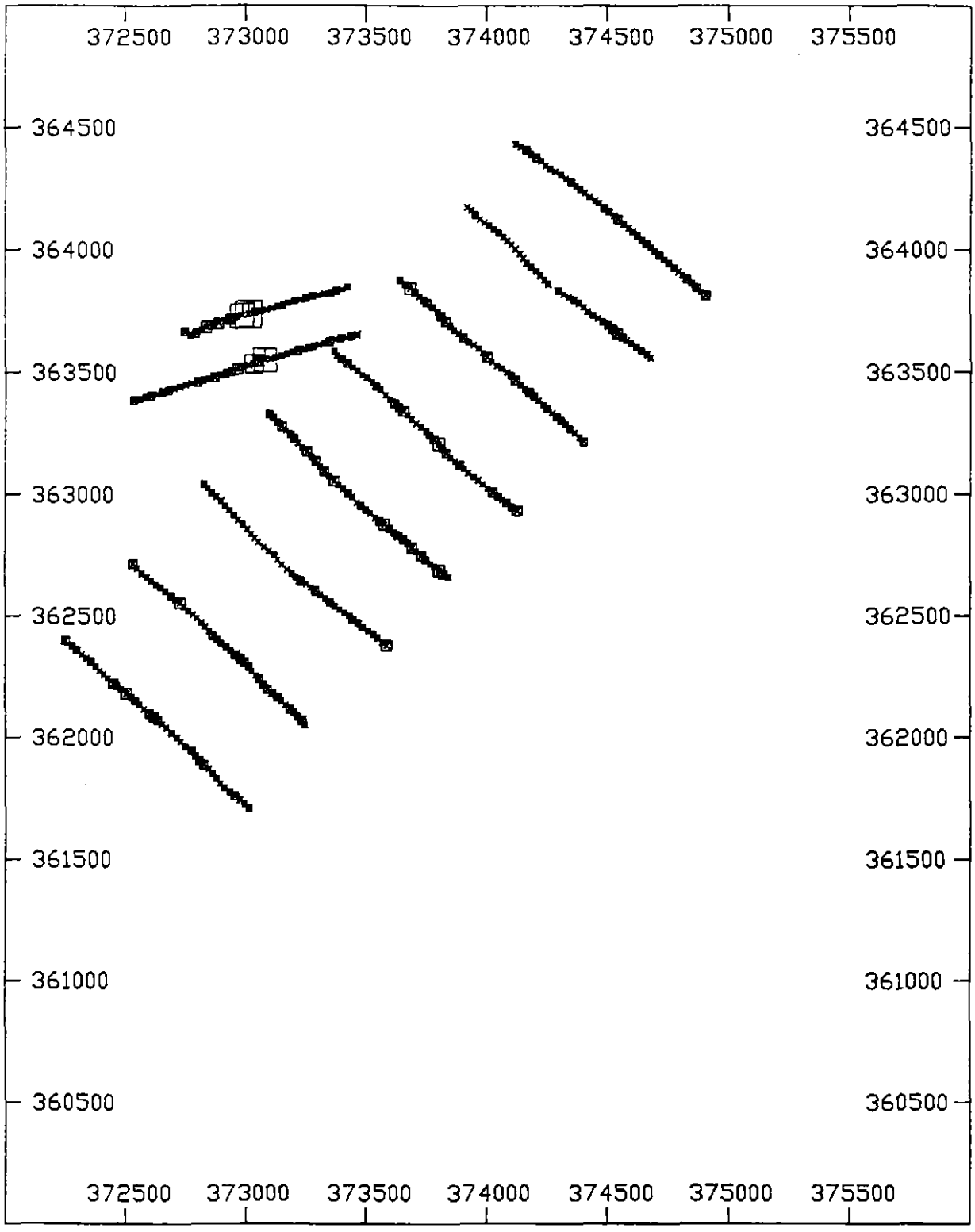
MT. DUNDAS GRID
SOIL & ROCK GEOCHEMISTRY

As

SCALE 1:25000

FIG. 8

151047

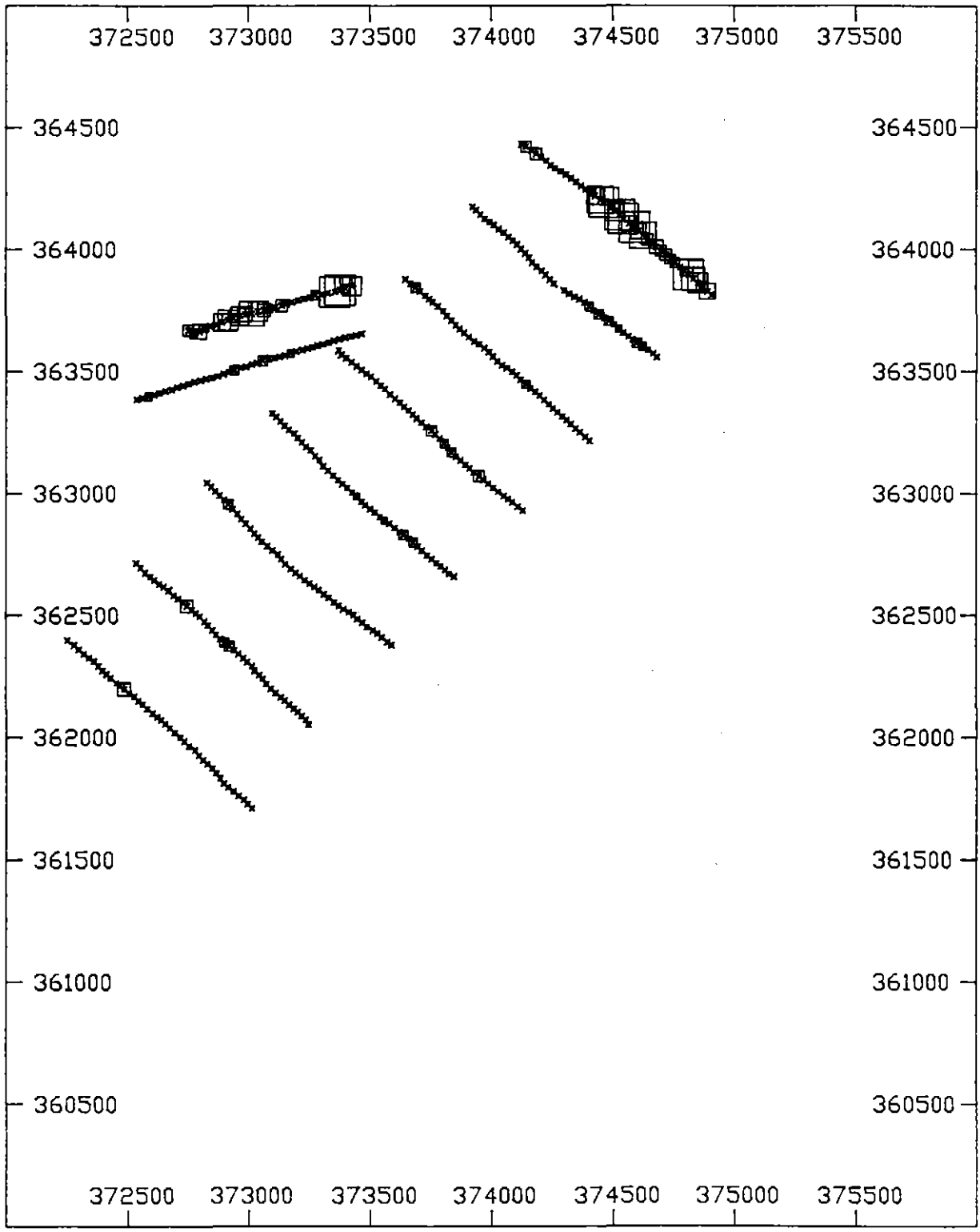


5 cm

UPPER LIMIT 20ppm

RGC EXPLORATION PTY. LTD.		
COMPILED	J.C.	MT. DUNDAS GRID SOIL & ROCK GEOCHEMISTRY **Sn**
DRAWN	M.W.	
DATE	6/91	
CHECKED		
1:25000 REF.		
SCALE 1:25000		FIG. 9

151048



5 cm

UPPER LIMIT 10ppm

RGC EXPLORATION PTY. LTD.

COMPILED	J.C.
DRAWN	M.W.
DATE	6/91
CHECKED	
1:25000 REF.	

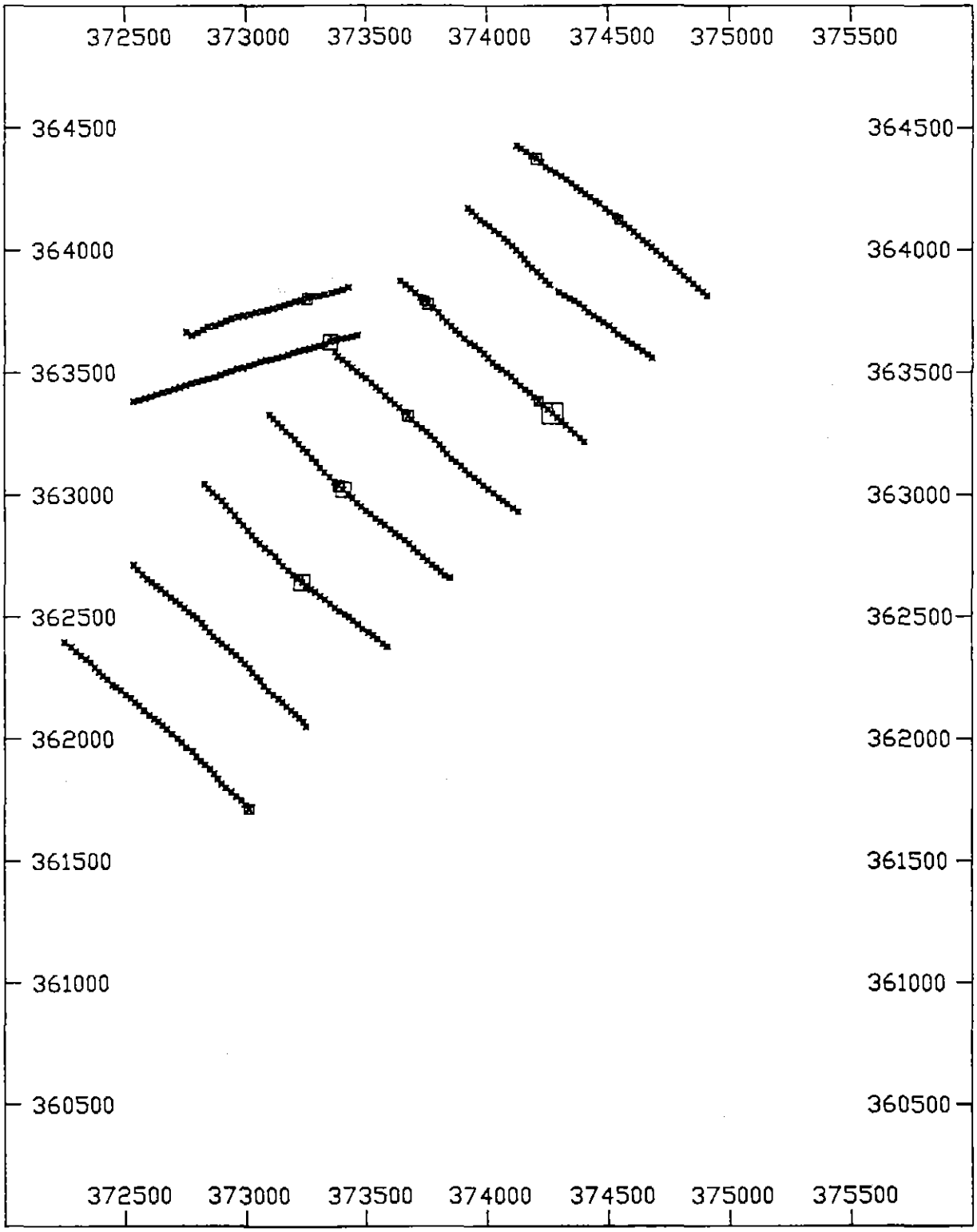
MT. DUNDAS GRID
SOIL & ROCK GEOCHEMISTRY

W

SCALE 1:25000

FIG. 10

151049



5 cm

[1] UPPER LIMIT 20ppb

RGC EXPLORATION PTY. LTD.

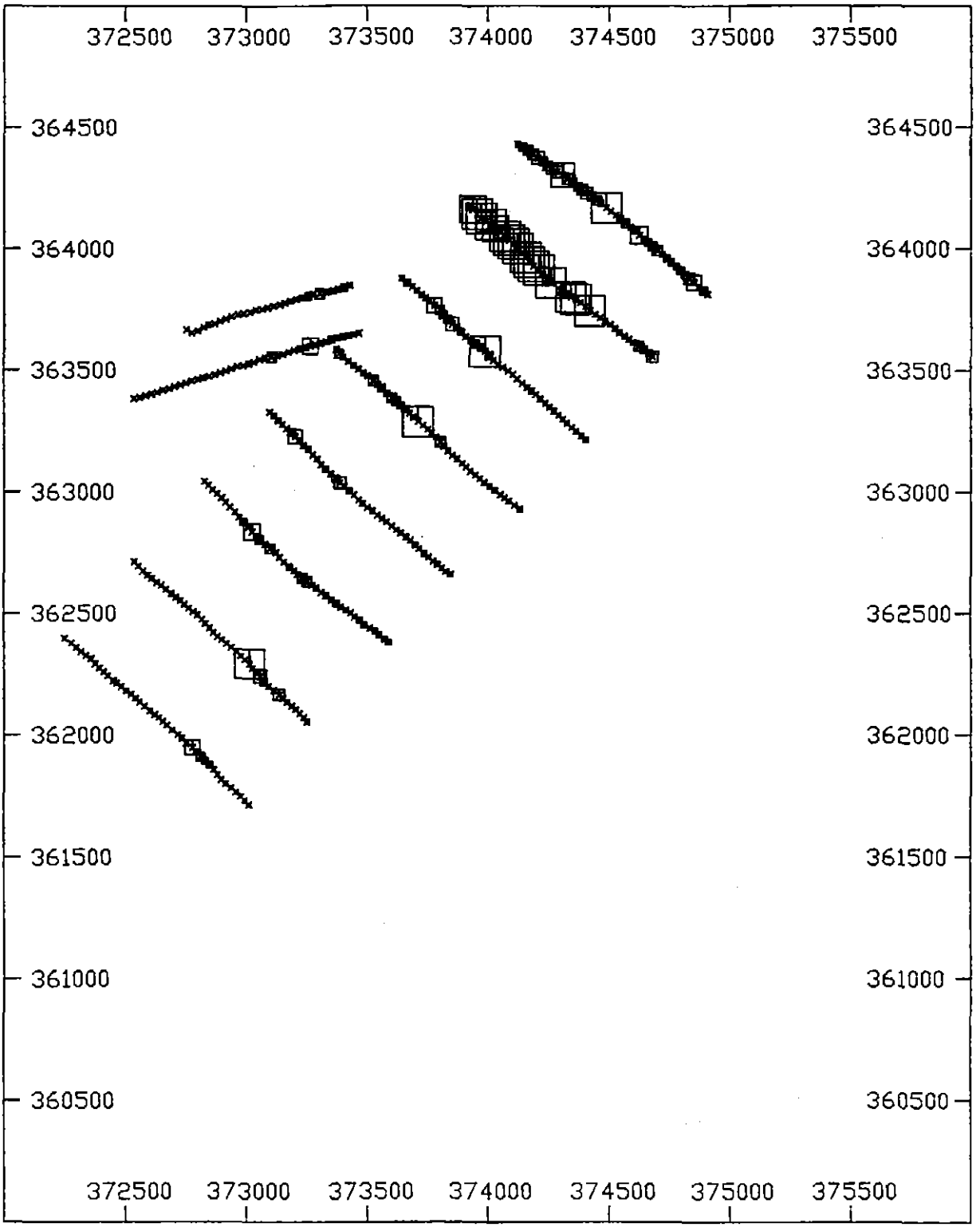
COMPILED	J.C.
DRAWN	M.W.
DATE	6/91
CHECKED	
1:25000 REF.	

MT. DUNDAS GRID
SOIL & ROCK GEOCHEMISTRY

Au

SCALE 1:25000

FIG. 11



5 cm

UPPER LIMIT 1000ppm

RGC EXPLORATION PTY. LTD.

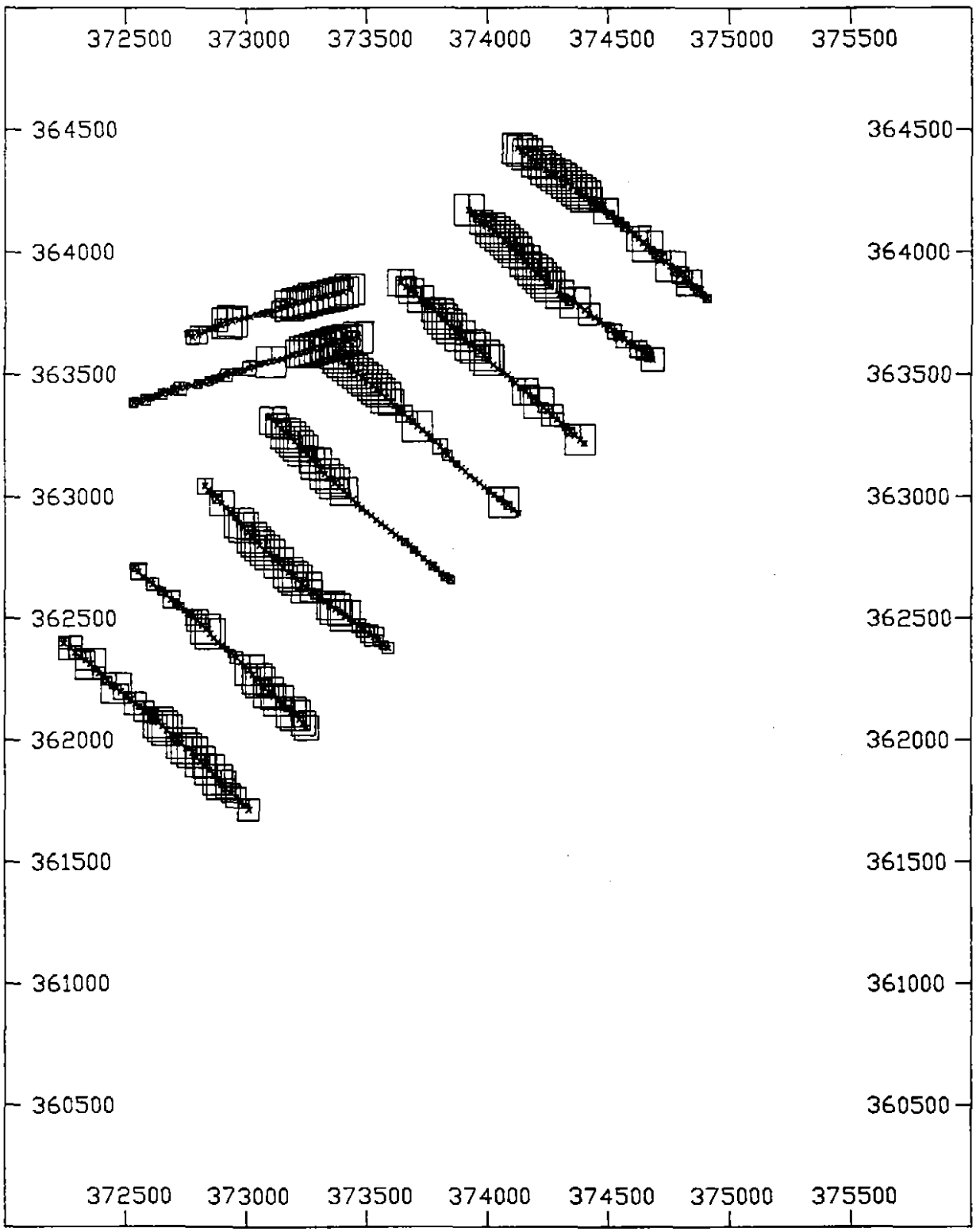
COMPILED	J.C.
DRAWN	M.W.
DATE	6/91
CHECKED	
1:25000 REF.	

MT. DUNDAS GRID
SOIL & ROCK GEOCHEMISTRY

Cr

SCALE 1:25000

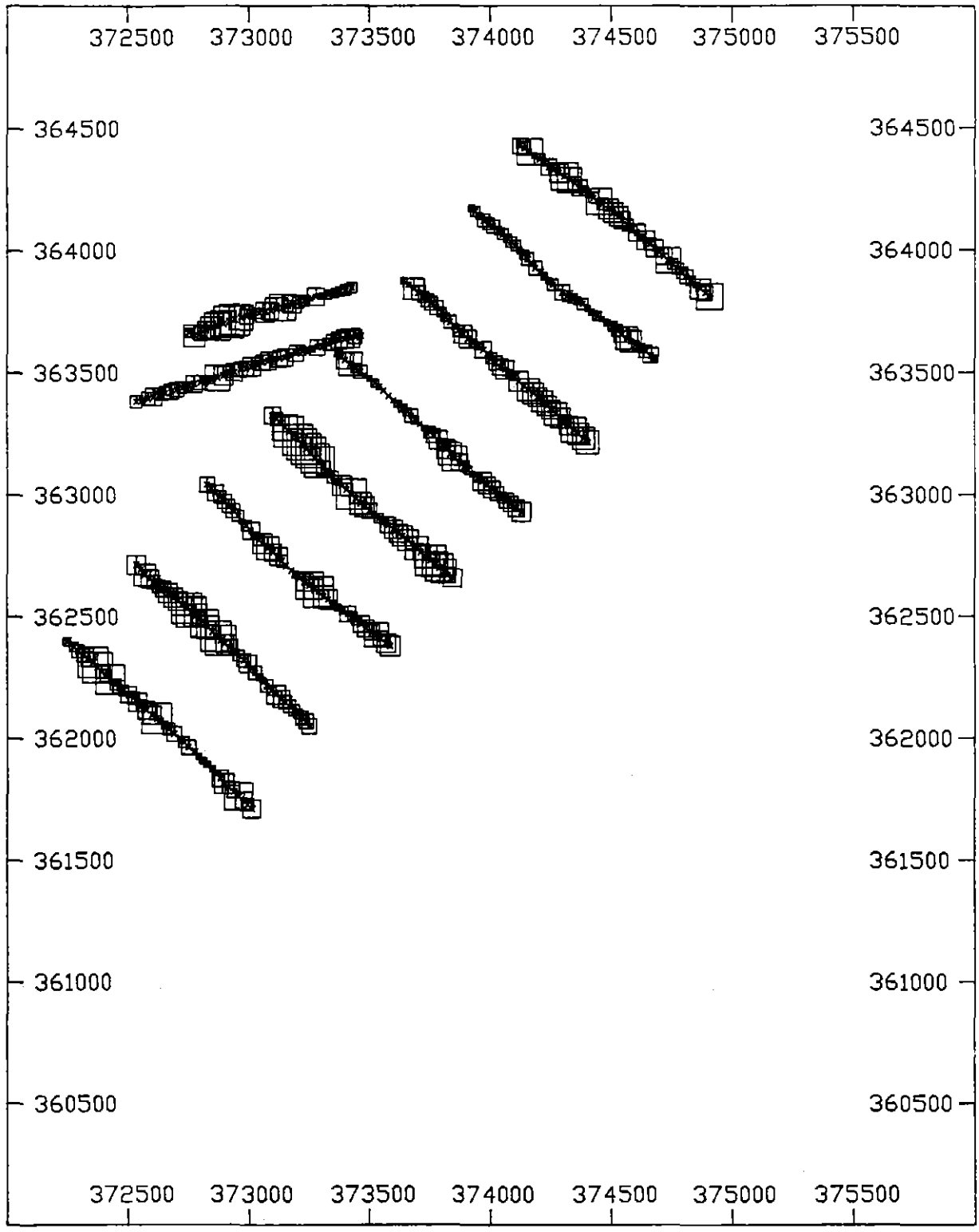
FIG. 12



5 cm

UPPER LIMIT 25ppm

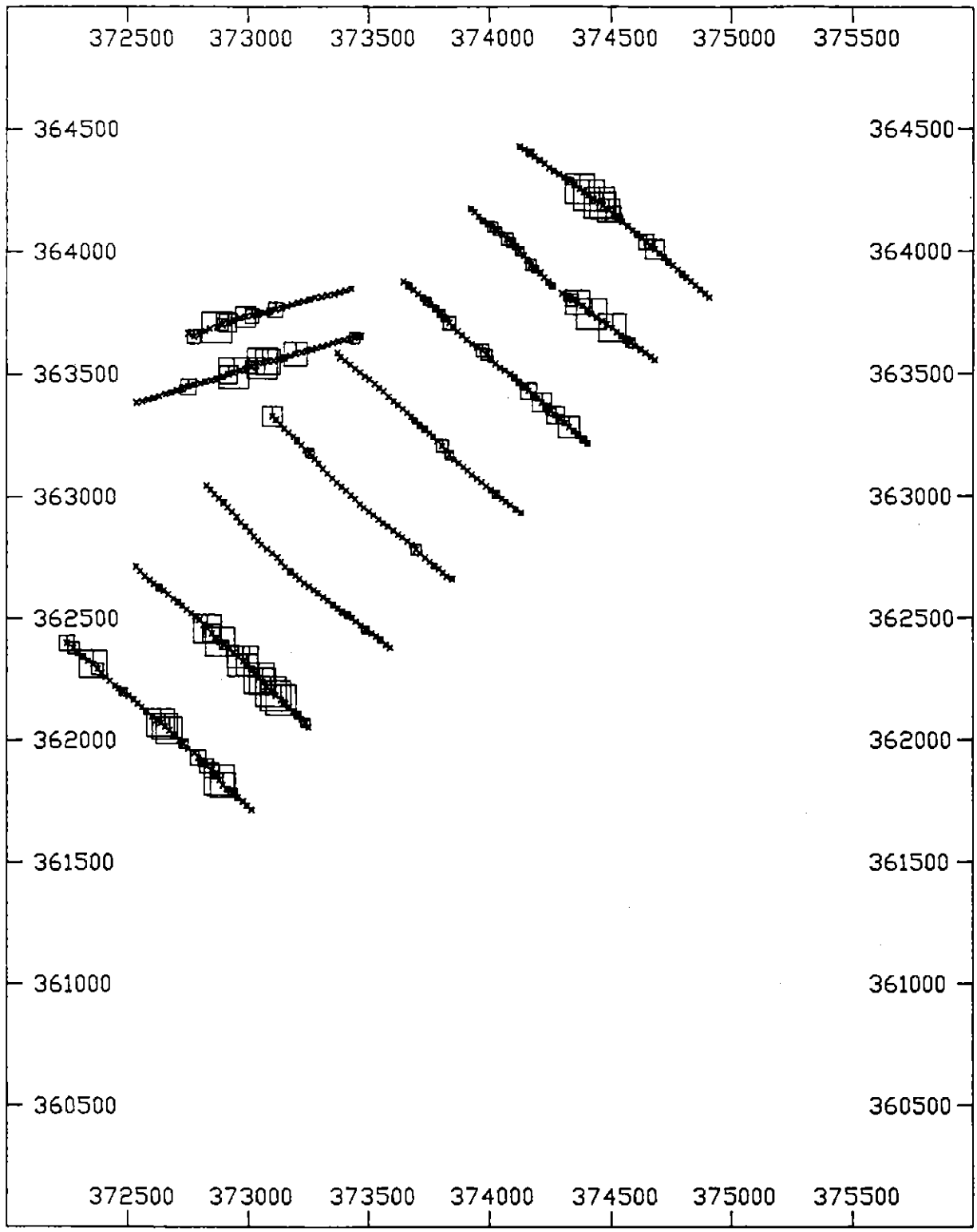
RGC EXPLORATION PTY. LTD.			
	COMPILED	J.C.	MT. DUNDAS GRID SOIL & ROCK GEOCHEMISTRY Co
	DRAWN	M.W.	
	DATE	6/91	
	CHECKED		
	1:25000 REF.		
	SCALE 1:25000		FIG. 13



UPPER LIMIT 1000ppm

RGC EXPLORATION PTY. LTD.			
	COMPILED	J.C.	MT. DUNDAS GRID SOIL & ROCK GEOCHEMISTRY **Ba**
	DRAWN	M.W.	
	DATE	6/91	
	CHECKED		
	1:25000 REF.		
	SCALE 1:25000		FIG. 14

151053



5 cm

UPPER LIMIT 20ppm

RGC EXPLORATION PTY. LTD.

COMPILED	J.C.
DRAWN	M.W.
DATE	6/91
CHECKED	
1:25000 REF.	

MT. DUNDAS GRID
SOIL & ROCK GEOCHEMISTRY

Sb

SCALE 1:25000

FIG. 15

by Geophoto (MZN 1-6) and EZ (MZP 244, 245A 260) with only limited success. Mineralisation included Sn associated mainly with tourmaline-cassiterite-pyrite veining and Pb, Zn associated with sphalerite-galena-siderite-(jamesonite) veins hosted by Oonah Formation quartzites and slates adjacent to the Maestries Conglomerate. Assay values ranged up to 5% Pb, 5% Zn and 0.8% Sn, but the veins are generally thin (up to 6 ft max), and no significant economic mineralisation was encountered in the Maestries Conglomerate. Refer to Discala (1974) and Sainty (1983) for details of the drilling programmes in the area.

3) A Zn, Pb (Cu, As, Sb) anomaly extends SW from Mt. Dundas grid co-ordinates 2600N/4900E to 1400N/5325E. The anomaly is approximately stratabound within carbonate-rich siltstones/greywackes of the Dundas Group. The anomaly is about 100m west of, and parallel to, the interpreted position of the Rosebery Fault. The only mineralisation recorded in the area was noted by Roger Poltock, who collected the following samples in the anomalous area during 1989/90 (ref. 1989/90 Annual Report):

T26807	Gossan & brecciated chert & grit with Py; 735ppm Zn
T26836	Silicified siltstone with Py-Cp veinlets; 550 ppm Cu
T26868	Calcareous greywacke breccia with Py-Gl-Sl veinlets; 3175 ppm Pb, 1% Zn.

4) A broad Zn, As (W) anomaly occurs on Mt. Dundas gridlines 3800N and 4200N, west of the baseline. The anomaly coincides with a zone of fuchsite-silica-carbonate alteration as described by Roger Poltock in the 1989/90 Annual Report. The anomalism extends over

Dundas Group polymict conglomerates, (?) ultramafics, and rhyolitic volcanics in a fault bound wedge between the Rosebery Fault and a northerly trending fault. The alteration is most intense in the case of a fuchsite-silica-carbonate rock interpreted to be an altered chromite bearing serpentinite. Patchy pyrite mineralisation has also been noticed in the conglomerates.

During 1989/90 Roger Poltock collected a sample of a felsic volcanic hosted hydrothermal breccia from the area which assayed 700ppm Pb and 1200 ppm Zn (T26859).

Trace element distribution patterns show subtle variations in trace element backgrounds for the main stratigraphic units. The distribution patterns of Br, Sc, Ta, Cr, Hf and Th were studied, and the following associations noted:

Oonah Formation;	High Th, low Ta, Cr , Hf, Br
Concert Schist;	High Th (Sc), others variable
Dundas Gp(undiff.);	High Sc, Br (Th)
Dundas Conglomerate;	High Sc, Cr (Br, Th)
Dundas felsic volcanics;	High Th, low Ta, Cr, Hf, Br
White Spur Fm;	High Th, Br

The Mt. Dundas ground magnetic survey results show that there is very little variation in magnetic intensity across the grid, with only 90 nT difference between minimum and maximum values for the area. The most significant anomaly is a linear 15-25nT anomaly trending SW across the grid, and coincident with geochemical anomaly no. 3 (Zn, Pb, Cu, As, Sb), referred to above.

In general, the White Spur Formation is magnetically "flatter" than other units.

151056

6.4 Regional Exploration

The results of the follow-up of aeromagnetic anomalies delineated by the 1989/90 aeromagnetic survey are listed below. Anomaly numbers are those referred to in the 1989/90 Annual Report (Appendix 1). Co-ordinates are AMG.

Anomaly 41 (373400mE/5372640mN)

The anomaly coincides with the Rosebery tip, and a ground magnetic traverse confirmed that metallic rubbish produces a 2,000 nT anomaly.

Anomaly 108 (373260mE/5370150mN0

This anomaly, with a modelled source depth of 25-70 metres, plots near Colebrook Creek beneath a broad area of fluvioglacial cover. The anomaly is 200m NE of DDH RBE6, drilled by Comstaff to test a coincident IP-Pulse EM anomaly (Yardley, 1983). The hole was drilled to 125.7m and intersected carbonaceous mudstones and argillites with disseminated pyrite and, toward the base, about 3% disseminated pyrrhotite. The presence of graphitic material explains the IP-EM anomaly, and it is possible that an increase in pyrrhotite content may explain the aeromagnetic anomaly to the NE. Anomalous Cu, Zn occurred in the upper part of the hole (up to 320ppm Cu, 900ppm Zn). Thick vegetation and lack of access prevented a ground inspection of the anomaly.

Anomaly 116 (373000mE/5365 900mN)

This anomaly, with a modelled source depth of 190 metres, is located on the Montezuma Grid and has been delineated by previous ground magnetic surveys (Cartwright, 1989). The anomaly occurs beneath feldspar-quartz phyric volcaniclastics forming part of the Curtin Davis Volcanics of Elliston (1951), but included in the Brewery Junction Formation (Dundas Gp) by Blissett (1962). No magnetic

material was located at surface during the follow-up traverse. The trend of the anomaly suggests the source is a deep ultramafic body similar to the Greens Prospect Serpentinite.

Anomaly 154 (368000mE/5366500mE) & Anomaly 155 (368260mE/5365680mE)

Anomaly 154 has a modelled source depth of 285 metres, and both anomalies lie along the NW extension of the Grand Prize-Razorback mineralisation trend. Anomaly 155 coincides with the main Grand Prize mineralisation, which has already been adequately tested by drilling (Komyshan, 1983). The magnetic source is interpreted to be a serpentinite, which was encountered at the bottom of DDH's GP3A, and GP6. Related anomaly 154 lies outside the ELs, in an Exempt Area.

Anomaly 157 (367100mE/5365460mN)

This anomaly also lies outside the EL boundary, in the Exempt Area. The anomaly source is almost certainly magnetite in ultramafics of the Serpentine Hill Complex, which outcrop 1km north, to the west of the Melba Flats railway terminus (Anomalies 149-150).

Anomaly 161 (366840mE/5364500mN) & Anomaly 162 (366960mE/5364150mN)

These anomalies are part of a series of anomalies (anomalies 158, 161-173) that correlate with magnetic conglomerates within the Fernfield Formation. CSR drillholes CG3, CG6 and CG7 intersected these conglomerates and magnetic susceptibility measurements identified the source as magnetite in the matrix and within mafic clasts (Ellis, 1986). The magnetite is probably derived by erosion of Cambrian mafic-ultramafic complexes.

151058

Anomaly 175 (369000mE/5360870mN)

This "bullseye" anomaly located near South Comet Creek was followed up and the source was found to be a moderately magnetic immature conglomerate within the Fernfield Formation, similar to those mentioned above. Sample No. T19355 was collected from ironstones developed within the conglomerates.

Anomaly 183 (371350mE/5360500mN)

This anomaly west of Mt. Dundas was investigated and traced to weakly magnetic conglomerates similar to those encountered at 175, interbedded with sandstone. Minor sulphide staining was noted.

(Sample Nos. T19351-19353). The conglomerates extend beyond the boundaries of the anomaly.

Anomaly 187 (372450mE/5361100mN)

Anomaly 188 (372470mE/5360370mN)

Anomaly 189 (372780mE/5360500mN)

Anomaly 190 (373040mE/5360200mN)

Anomaly 192 (372900mE/5361350mN)

Anomaly 193 (373060mE/5361800mN)

These anomalies and related anomalies 185-186 occur on the west and northern flanks of Mt. Dundas. All the anomalies investigated were traced to outcropping Jurassic dolerites. Anomalies 187-188 correlate with a single persistent NNW trending dyke which continues northward through anomalies 186, 185, 181, 180 and 118. Anomaly 191 correlates with a dolerite sill capping Mt. Dundas, and anomalies 192-193 correlate with short dykes radiating outward from Mt. Dundas. Weaker anomalies 196-198 are partially covered by ground magnetic data from the Mt. Dundas Grid (Subsections

151059

5.3 and 6.3).

Anomaly 227 (375850mE/5366700mN)

This interesting anomaly plots near Tipperary Creek, close to the contact between the White Spur Formation and the Mt. Read Volcanics to the east, with a near surface modelled source. However despite three traverses which pinpointed the location of the anomaly, the source could not be determined. The NNW trend suggests another Jurassic dolerite dyke. An E-W soil/rock sampling traverse across the anomaly from the eastern end of Ring River gridline 6800N failed to detect any geochemical anomalies (Sample Nos. T35130-35149).

Three additional traverses were conducted over an area of alteration in White Spur Formation turbidites between lines 6600N and 6800N, some 400m west of Anomaly 227. The alteration zone was moderately anomalous for Cu, Pb and Zn (Sample Nos. T35106-35129).

The 1990/91 gravity survey delineated known granitic culminations at Pine Hill, Colebrook Hill and Rosebery in much greater detail than has previously been possible, and also identified a possible granitic cupola southwest of Carbine Hill. This cupola, with an interpreted depth to top of 750m, was not delineated by previous surveys, which relied on much fewer gravity stations in the Dundas area.

The Carbine Hill cupola occurs beneath Dundas Group sediments and Cambrian Serpentinites, and is linked to the Pine Hill cupola by a NE trending ridge. Its margins are interpreted to be very steeply dipping (65-80 degrees) and faulted. The western margin, extrapolated to the surface, roughly correlates with the Grand Prize-Razorback mineralisation trend and the eastern margin with the NE trending fault intersected by DDHs MZ001, 003, 004. These two features are interpreted from gravity data to intersect in the general vicinity of the Comet-Maestries workings - (the main silver-lead producer of the Dundas Field).

Finally, the results of analysis of core splits from Ring River drillholes RR001 and RR002 confirmed the failure of the holes to intersect mineralisation in the Rosebery Fault Zone. Weak As anomalism downhole explains the As anomalism encountered by the Wacker Bedrock Sampling programme (1989/90 Annual Report). Low level values of gold (up to 0.040 ppb) were also recorded.

7. CONCLUSIONS AND RECOMMENDATIONS

7.1 Carbine Hill Area

Mapping has confirmed the presence of significant quantities of sedimentary carbonate and other rocks capable of hosting stanniferous replacement bodies and skarns, including serpentinites and carbonate-quartz alteration zones along the serpentinite margins. Additionally, some apparently persistent faults transect the area, dominantly NE trending, and in particular the Great Northern Creek fault appears to correlate with the extrapolated-to-surface position of the eastern margin of the cupola delineated at Carbine Hill by the gravity survey.

The volumetrically significant carbonate-silica alteration haloes around the margins of much of the serpentinite bodies suggests the movement of significant volumes of (magmatically derived ?) hydrothermal fluids along these contacts. The ultramafics often exhibit a strong tectonic fabric adjacent to and paralleling these margins, suggesting that considerable movement (thrusting?) has been involved. The tin mineralisation at Razorback is on a faulted, carbonated serpentinite-Dundas Group sediment contact.

The absence of alteration/recrystallisation of sedimentary carbonates at Carbine Hill does not mitigate against the possibility of tin replacement bodies at depth, since alteration haloes around such bodies display variable lateral extent and are often thin and sometimes virtually absent (e.g. some updip orezones at Renison). Such alteration usually consists of an inner talcose zone and an outer zone of recrystallisation of dolomite to ferroan-dolomite. Beyond the outer zone is unaltered dolomite with no detectable trace element signature that would indicate the presence of an orebody.

The presence of the Razorback and Grand Prize mineralisation is supportive evidence of the presence of a granitic cupola.

They occur at the extrapolated-to-surface position of the western edge of the interpreted cupola. Also the distribution of base metal veining at Dundas suggests hydrothermal fluid movement focussed above a cupola. However no stanniferous lodes or veins have been found to date east of the cupola (except much further east at the south end of the Montezuma Grid), and Delfins sampling of structures and veins failed to locate any anomalous tin values. Historical work in the area (e.g. CSR's stream sediment work) likewise has located only minor, low amplitude tin anomalism. These factors mitigate against the possible presence of tin mineralisation as there is usually some evidence of the presence of a blind tin orebody in surface geochemistry. For example the blind Severn deposit at Queen Hill is represented by a broad Rb-in-soil anomaly, (Andersohn, 1986) and occurs beneath a cluster of stanniferous veins and fractures. At Renison, the Federal-Bassett fault system is only weakly anomalous above the massive sulphide replacement orebodies, however once again subsidiary faults and fractures are tin anomalous at surface.

Another negative feature is the relatively lower degree of "structural preparation" of Dundas Group sediments in the area as a whole by comparison with the Success Creek Group at Renison which is highly fractured at all scales, allowing fluid access to larger volumes of host carbonates. This would possibly limit the size of replacement bodies adjacent to mineralising faults. It is also significant to note that all known tin-bearing structures bear N to NW (Federal-Bassett Ft, Frazers Lode, Godkin Lode, Exe River, Montezuma Ft, Grand Prize Ft, Razorback Ft etc.). It is possible that only NW structures were dilational during the critical period of stanniferous hydrothermal fluid movement.

In conclusion, the balance of evidence is against the possibility of a near surface blind tin deposit in the Carbine Hill Area. If the outlook for tin were more encouraging a stratigraphic hole would be warranted to test

the sequence above about the -600 granite contour (Appendix 4, figure 17) to settle the question. However, in view of the company's current attitude toward tin exploration the only work justified is a limited follow-up of the few anomalous rock chip values listed in Subsection 6.1, including a resubmittal of the high Cr Co Lr Fe samples for Ni and PGE analysis (T36517-519).

7.2 Montezuma Grid

Drillholes MZ001-004 at Greens Prospect intersected a major NE trending structural zone consisting of a strongly internally deformed serpentinite with an intensely carbonated-silicified and sometimes brecciated hangingwall, overlying which are Dundas group sediments with a variably developed steeply SE dipping fracture/shear zone. The degree of deformation and alteration within the serpentinites is generally much greater than in the overlying Dundas Group, suggesting the former have a more complex structural history.

The ultramafics were considered a potential source of chrome and/or platinoids, with the possibility of remobilisation of platinoids into the overlying shear zone (analogous to platinoid enrichment in a shear zone at Halls opencut, near Adamsfield). However although chrome enriched, Cr values remain well below economic limits, and platinoid levels remain low. Worldwide, ophiolitic serpentinites provide roughly half the worlds chromite production and produce some of the best chemical and metallurgical grades of ore. However because magmatic segregation of Cr and PGEs occur in an active tectonic environment, the deposits are small and "podiform". Where magnetic susceptibilities are high, this can indicate replacement of chromite by magnetite, reducing or destroying the grade/metallurgical properties of the chromite. This appears to be the case toward the centre of the serpentinite body at Greens Prospect, where chromite grains have magnetite rims or are totally replaced. For these various reasons, the serpentinites at Greens Prospect are not considered prospective for chromite.

As PGEs are chalcophile elements, the apparent lack of magmatic segregations of sulphides in the serpentinites mitigates against the possibility of primary PGE deposits of this style. Secondly, although Cr and/or Co levels are elevated in the shear zone above the serpentinite, PGE values remain low.

The zone of intense carbonation-silicification along the hangingwall is similar to alteration noted along the margins of serpentinite at Dundas (Thigpen, 1972) and talc-carbonate alteration of serpentinite at East Renison (Yardley, 1983). Adjacent sediments and dacite have also been locally carbonated at Greens. The zone is considered a potential carbonate host rock for replacement style mineralisation similar in style to tin mineralisation at Razorback (Blissett, 1962). However only a single talc-pyrrhotite replacement body was located and this proved tin barren.

The tin-in-soil anomalism that prompted the Greens Prospect drilling programme is now thought to be entirely due to N to NW trending structures such as the Montezuma Fault, Frazers Lode and Godkins Lode, and related veins. NE trending structures are also present, and often host base metal mineralisation, but these are generally tin-poor. The NW trending structures produced strong, persistent tin-in-soil anomalies throughout the Montezuma Grid (Cartwright, 1989), but where drilled the structures themselves often appear insignificant and in some cases can only be inferred from tin values obtained by analysis of core. For example EZ drillholes MZP244, 245A and 261 failed to locate significant feeder structrues beneath the Montezuma Fault anomaly (Sainty 1983 & 1984) and similarly Comstaff's holes beneath the Godkin mineralisation intersected "variably recognised fracture and/or central vein structure" associated with the downhole position of the main Sn anomaly. Likewise at Greens Prospect the structures appear insignificant where intersected.

There is no evidence of significant replacement of carbonates adjacent to the structures at Greens Prospect,

although some patchy small scale replacement of conglomerate matrices, calcareous siltstones (MZ002) and carbonated serpentinite (MZ003) has been noted. Likewise at East Renison the Tin Vein Lode exhibits little wallrock alteration with the exception of minor patchy pyrrhotite-silica replacement of adjacent carbonates in Comstaff drillholes RBE3 and RBE33. Limited replacement of gabbros and conglomerate was also noted in some Godkin holes, for example 12.3m x 0.22% Sn in conglomerates in GDK3.

In summary, the NW trending structures do not appear to have been the focus for the movement of large volumes of stanniferous hydrothermal fluids, despite the presence of persistent surface anomalies. An additional problem with respect to large scale replacement of carbonates is the relative lack of structural preparation of Dundas Group sediments on the Montezuma Grid compared to Success Creek carbonates at Renison (with the possible exception of Greens Prospect). The net result is that the structures host only thin lodes of limited tonneage potential. Drilling of such lodes at Godkin (Minops/Comstaff) and East Renison (Comstaff) outlined the following probable resources:

Godkin Prospect;		0.3 Mt x 0.9% Sn
Tin Vein	;	0.43 Mt x 1.0% Sn, 0.18% Cu
Salmons Vein	;	0.83 Mt x 0.2% Sn, 0.62% Cu, 3.2% Pb, 2.2% Zn

The NE trending structure above the serpentinites at Greens Prospect appears to be a more substantial structure, probably stretching from near Dundas to Colebrook Hill (the "Great Northern Creek Fault" on Plan 1). The fault is expressed as a broad graphitic shear zone where it transects shales, and such a shear zone intersected by MZ004 hosted on 8.2m intersection of 0.32% Cu and 0.35% Zn as

chalcopyrite and sphalerite associated with intense quartz-pyrrhotite alteration.

In conclusion, follow-up work at Greens Prospect should be restricted to geological mapping and rock chip sampling along the NE trending structure to the NE of MZ004. The aim would be to determine potential strike extent of the mineralisation in that direction. Potential to the SW of MZ004 would be limited by the presence of the sub-surface ultramafic body.

At North Montezuma, drillhole MZ005 passed through the complex, faulted contact between Dundas Group sediments and gabbros of the Serpentinite Hill Complex and ended in partially altered gabbros within the contact aureole of the Pine Hill granite. The drillhole demonstrated that the broad tin-in-soil anomaly at North Montezuma is related to stanniferous quartz-tourmaline veining and to skarn-like patches of quartz-chlorite-actinolite-axinite alteration within both gabbro and conglomerates, especially near the faulted gabbro-conglomerate contact. Anomalous gold is sometimes associated with high tin grades, and base metal veining is common in fault zones. However, grades never approach economic limits.

Although quartz-tourmaline veins have been mined for cassiterite in the Heemskirk field, such deposits proved small and impersistent, and do not provide a good exploration target. Additionally, the gabbro and conglomerate are not ideal host rocks for skarn or replacement style deposits, and the sequence is probably too close to the granite to host the latter. For these reasons the area is not considered worth further drilling.

7.3 Mt. Dundas Grid

The strong Sn, W and base metal anomaly associated with the Maestries Conglomerate at the south end of the Montezuma Grid has already been adequately tested by drilling by both

Geophoto (6 holes) and EZ (3 holes) without significant success. Although tin anomalous base metal veining was recorded in Oonah Formation slates and quartzites, the adjacent dolomitic conglomerate was found to be essentially barren. EZ geologists concluded that surface anomalism within the conglomerate probably resulted from scavenging of base metals from groundwater by Fe-Mn "gossans", rather than from oxidation of primary sulphides. Based on the evidence, this seems a reasonable assumption, and no further work is recommended.

The sources of the other three base metal anomalies have not yet been fully explained, although the Zn (Pb, Cu) anomaly along the Oonah Formation/Dundas Group contact (Anomaly 2) is probably related to base metal veining associated with a fault along the contact, and base metal veinlets were observed in the vicinity of Anomaly 3 during mapping.

The coincidence of Anomaly 4 with a broad zone of fuchsite-silica-carbonate alteration coincident with a fault-bound wedge of conglomerate, felsic volcanics and ultramafics bound eastward by the Rosebery Fault and westward by a NNW trending splay is suggestive of a zone of high permeability to hydrothermal fluids at the intersection of the two faults. Anomalous tungsten accompanies the alteration, suggesting a magmatic influence. The interpreted cupola SE of Hercules is possibly contributing to the anomaly (ref. Appendix 4).

Limited follow-up work should be conducted on Anomalies 2-4 aimed at more fully understanding the bedrock sources of the anomalism to determine if more detailed follow-up is justified. This work should include detailed geological mapping and rock chip sampling traverses across the anomalies along creeks or their features that may provide good outcrop.

151068

7.4 Regional Exploration

The follow-up of those aeromagnetic anomalies considered worthy was successful in explaining most of the sources of the anomalies considered worthy of follow-up. The most promising of these proved to be due to either ultramafics or ultramafic derived magnetic detritus in Dundas Group Conglomerates. The only anomalies that remain unexplained are Anomalies 108, 190, 154, 157 and 227. Of these, 154 and 157 are outside the EL and appear to be caused by ultramafics.

Of the remainder, Anomaly 108 may be due to disseminated pyrite-pyrrhotite mineralisation like that intersected in Comstaff drillhole RBE 6. The sulphide mineralisation occurs in pelites and is interpreted to be syngenetic in origin. Anomaly 190 has a deep source with a trend parallel to that of the Greens Prospect ultramafic, suggesting it too is related to ultramafics. Finally, 227 could not be located despite having a shallow source but its trend (NNW) is parallel to that of known Jurassic dolerite dykes.

In conclusion, none of the anomalies warrant further follow-up work.

The gravity survey delineated a granite surface that is part of a very large and irregular intrusion, outcropping only at Pine Hill, but with sub-surface cupolas at Carbine Hill, Colebrook Hill, Rosebery and South Hercules. The external walls are steep and known tin deposits occur directly above them. These observations led Dr. Leaman to outline Razorback/Carbine Hill, West Montezuma and Colebrook Hill as the most highly prospective areas within the E.L. boundaries.

The Colebrook Hill area has already been extensively drilled by EZ, and the Mines Department drilled a stratigraphic hole (CB 1) that ended in granite at 1064m. The actinolite-axinite-pyrrhotite-chalcopyrite skarn that outcrops on

Colebrook Hill near the western boundary of E.L. 13/88 dips westward and passes outside the E.L. at a depth of 150-200m below surface. Although the skarn is extensive, Cu grades rarely exceed 1% and tin only occurs in trace amounts. Toward the bottom of CB 1 some tungsten mineralisation was intersected in skarn, including 10.9m at 0.97%W, 0.29% Cu some 700m below surface. These results demonstrate that significant skarn mineralisation is present, however if RGC were to continue exploration in the area it would need to secure tenure over the western portion of the hill. This does not seem justified based on the results of drilling to date and the continued depressed markets for Cu, Sn and W.

The West Montezuma area has already been explored along the Montezume Grid, and numerous drillholes have already been drilled. Limited follow-up work for this area has been outlined in Sub-section 7.2.

In the Razorback-Carbine Hill area, the Grand Prize-Razorback mineralisation trend has already been extensively drilled, including 18 holes drilled by RGC at Grand Prize, and there appears to be little potential left for the discovery of a significant new resource. The Dundas area has also been extensively drilled, mainly by Geophoto who completed 67 holes mainly targetted at base metal veins. The only portion of the prospective area not already covered by extensive drilling is the Carbine Hill area which is covered in Subsection 7.1.

In summary, the gravity survey has provided a number of prospective areas for tin exploration, however of those situated on the E.L.s, the Carbine Hill Area is the only one that has not already been extensively drilled. However for the reasons discussed in Subsection 7.1, no drilling is recommended for Carbine Hill.

It is however recommended that the stratigraphy of the Dundas Group be re-assessed in view of the results of a re-assessment of the stratigraphy of the Mt. Read volcanics currently being undertaken by the Centre for Ore Deposits

and Exploration Studies, University of Tasmania. In this study, Jocelyn McPhie states that the quartz-phyric pumiceous mass-flow deposits with basal shale fragments that occur in the hangingwall at Hercules also occur further south within sediments previously assigned to the White Spur Formation. The re-assessment is necessary to decide if the Dundas Group has any VMS potential where volcaniclastics are present (e.g. the Curtin Davis Volcanics of Elliston, 1951).

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APPENDIX 1

Notes on the Geology of the Southeastern Sector of EL 101/87, Carbine Hill, Dundas, Tas. by D.M. Delfin.

151074

NOTES ON THE GEOLOGY OF THE SOUTHEASTERN SECTOR OF E.L. 101/87 CARBINE HILL, DUNDAS, TASMANIA

Prepared by: D.M. Delfin

Report No. T/91/10
May 1991

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1.0 INTRODUCTION

Based on gravity data, Leaman (1990) interpreted the Pine Hill Granite as part of a very large and irregular intrusion with certain morphological features associated with mineralisation. He noted that 'spines' emanating from in granite mass may be associated with mineralisation. One such 'spine' is suggested by a gravity anomaly east of Mt. Razorback at Dundas. On account of this gravity anomaly, Leaman recommended follow up work on the area east of Mt. Razorback to study possible host rocks and structures.

This report covers the results of the preliminary work carried out between January and March 1991 on the area east of Razorback which encompasses the southeastern sector of E.L. 101/87. The work involved mapping along creeks and tracks and also reconnaissance rock chip sampling.

2.0 LOCATION AND ACCESS

The southeastern sector of E.L. 101/87 is located around the Carbine Hill area. It is about 9km east-northeast of Zeehan and about 1km northeast of the Old Dundas township. The work carried out was confined mainly within coordinates 363000mN to 365000mN and 370000mE to 372000mE AMG.

Access from the town of Zeehan is thru the Zeehan-Queenstown Road and thence thru the Dundas Road, from the Dundas Road, the area is reached by either of the two spur tracks leading to Carbine Hill and Moores Pimple, respectively.

3.0 MINING HISTORY

In the general vicinity of the old North-East Dundas Tram, are numerous workings dating back to the late 19th century. There are at least 22 small mines with the major mine being Ring Valley-Fahlone Mine. Silver, lead, copper, arsenic and minor tin (as at Fraser Mine) were mined from complex ore to about 1920. Since then, there has been no significant activity in this field (Blisset, 1962). Most of the deposits are narrow NNW to NNE-trending fissure veins occurring thin slates, siltstone, greywacke and breccia-conglomerate of Precambrian to Upper Cambrian age. Blisset (1962) recognised four vein types:

1. Tetrahedrite-chalcopyrite
2. Galena-sphalerite
3. Chalcopyrite-Bismuthinite-Pyrite, and
4. Pyrrhotite-Arsenopyrite-Cassiterite type.

Gangue is usually siderite but dolomite and quartz are also reported. The total production for this field to 1933 amounted to 558,052 oz Ag, 330.2 tons Cu, 114 tons Pb and 170 tons As. A majority of the silver and copper production came from Ring Valley-Fahlore Mine which produced 383,000 oz Ag and 164 tons Cu.

A number of mines producing lead, silver and zinc are found northwest of Mt. Dundas. The most important are Comet-Maestries, West Comet, Adelaide and South Comet (Blisset, 1962). A small mine called the North Comet is located in the area covered and may have worked the northern extension of the lode from the Comet-Maestries mine. Except for South Comet which is still operating at present, the rest of the mines practically ceased production by 1913. The ore produced from these mines came from fissure lodes occupying shear of fault zones and from replacement bodies in dolomitized serpentinite.

The ore mineralogy consist of argentiferous galena, galena sphalerite and pyrite in a gangue of siderite. Total production for this field amounted to 25,000 tons Pb, 1, 815, 592 oz Ag and 629.5 tons Zn. The Comet-Maestries mine accounted for over 80% of the lead and silver produced with a production of 21,850 tons Pb and 1,510,000 oz Ag.

Two tin mines are located southwest and northwest of Carbine Hill, namely, Razorback and Grand Prize Mine, respectively. Production commenced at about 1909 at Razorback and about 1940 at Grand Prize Mine (Blisset, 1962). At Razorback, mineralisation in the form of irregular veins of sulphides with quartz and cassiterite occur in a talcose and dolomitic zone located at a NNW-trending faulted boundary between serpentinite and the Dundas Group sediments. At Grand Prize Mine, tin mineralisation occurs along a NNW-trending fault in Dundas Group formations. To end of 1960, the Razorback Mine produced 48.88 tons tin while the Grand Prize Mine produced 18.33 tons tin.

4.0 PREVIOUS WORK

The previous work conducted in the Dundas District is shown in Plan 1. This section deals only with the work carried out within the area investigated.

1964

South Broken Hill conducted an IP survey over 12 lines of a grid laid out around the North Comet Mine. Some anomalies were reported. One drill hole tested on IP anomaly and was unsuccessful. The anomaly was attributed to pyritic graphitic slates.

1969-1972

Geophoto Resources Consultants in providing the geological services for Texin Development Pty Limited undertook the following:

- grid survey covering about 70% of the area.
- soil and rock sampling with samples analysed for Cu, Pb, Zn, Ag, Ni and Co.
- detailed mapping.
- magnetics.
- VLF survey.
- drilling of 4 drill holes.

Two drill holes tested an intense VLF anomaly along a linear zone of gossan on the North Comet Mine area with no significant mineralisation encountered. Intercepts of pyritic black slates was interpreted to produce the VLF anomaly. The other 2 drill holes was collared near the Carbine Hill track and tested another VLF anomaly with an adjacent soil geochemical anomaly. No significant mineralisation was likewise encountered.

1977-1999

A wide-spaced drainage sampling was undertaken by CSR Limited at Dundas within the area covered by E.L. 15/76 at that time. Several anomalous zones were delineated including the Carbine Hill area where samples returned anomalous Pb-Zn and weakly anomalous Sn-W-Sb. No follow up work was however carried out at Carbine Hill as CSR directed succeeding geological work on other anomalous areas.

5.0 GEOLOGY

5.1 Stratigraphy

Concert Schist

The oldest rocks are correlated to the Precambrian Concert schist and include mica schist, quartz-mica schist and quartz schist or quartzite. Best exposures are at the spur track leading to Moore's Pimple and at Concert Creek where the type section was originally described (Blisset, 1962). This group of metamorphic rocks is considered to form the basement to the sedimentary successions in the Dundas district (Blisset, 1962). Schistosity foliation is well-developed and trends are generally NW to NNW with dips to the southwest. Massive white quartz veins commonly occur in the schist which generally follow schistosity trend.

Oonah Formation

A series of rocks correlated to the Pre-cambrian Oonah Formation occur in the general vicinity of North comet Mine, west of the spur track to Moore's Pimple and southeast of Carbine Hill. These series include siltstones, dolomites, conglomerates, shales and minor sandstones.

Massive to finely laminated, micaceous, green to grey siltstone is the dominant rock type. The siltstone is occasionally strongly foliated and may display strong penetrative cleavage. Typical Oonah Formation shale or slate units are exposed at the Dundas Rivulet near the spur track to Moore's Pimple. The shale units are black to grey and strongly fissile. Minor sandstone bands are

interbedded with siltstone and are dark grey to black, medium-grained and micaceous to quartzose.

The dolomite units occurring within the series are yellow-green to pale grey, crystalline to silty and usually well-bedded. At Concert Creek, massive, pale grey dolomite is in fault contact with dark green mica schist. This dolomite unit is also exposed to the west of the contact in a tributary joining the Concert Creek; just north of the junction. Here, the dolomite is well-bedded, slightly folded and occur with minor interbedded siltstone. Farther upstream of the tributary, cherty dolomite beds with occasional pyrite fracture fills and disseminations are interbedded with dark green laminated siltstone.

A dolomite, ferruginous, pebble conglomerate containing mudstone and sandstone clasts occur at Dundas Rivulet, south of North Comet Mine. The conglomerate is probably correlative to the Maestries Conglomerate at Comet-Maestries Mine.

The contact between the Oonah Formation and the Concert Schist at the spur track to Moore's Pimple is transitional. At the contact, strongly cleaved or slaty siltstone appears to grade into mica schist and a structural conformity is noted with respect to bedding and schistosity trends.

Crimson Creek Formation

South and southwest of Carbine Hill, is a sequence of lithic arenites or wacke, siltstones, mudstones, sandstones, dolomites and minor conglomerates. The sequence is here assigned to the Crimson Creek Formation. Correlation follows that of Blisset (1962)

and not to Brown (1986) who placed the sequence of rocks around Carbine Hill into undifferentiated Upper Brewery Junction formation of the Dundas Group. Occurrences of significant dolomite units suggest the sequence is more likely correlated to the Crimson Creek formation.

The dominant lithology of the sequence as exposed at Carbine Hill track is lithic arenite or wacke. The lithic arenite is usually weathered, brown to greyish-brown slightly micaceous, occasionally feldspathic and contains angular fragments of black shale or mudstone. The siltstones in the sequence are dark green to grey, laminated with fine intercalations of lithic arenite or wacke. Lenses of mudstones are locally interbedded with the siltstone. Light grey, massive, crystalline dolomite and granule to pebble conglomerate with clasts of siltstone, mudstone and chert occur locally within the sequence at Carbine Hill track. Farther up the track, fine-grained sandstones with distinctive siltstone laminae follows the succession of dolomite, conglomerate and siltstone.

At a creek west of the Carbine Hill track, a major dolomite unit is exposed. The dolomite is light grey, crystalline, massive and cherty or silicified in places. The thickness of this dolomite as inferred from steep to vertical dips of adjacent laminated siltstone is at least 100 metres. Lithic arenite and conglomerate also occur along this creek. The conglomerate is creamy white to light grey with granules and pebbles of siltstone and chert.

The contact of the Crimson Creek Formation and the Oonah Formation is defined east of Carbine Hill track. Whether a major fault separates the two formation is uncertain. However, there are minor faults which

apparently separates the Crimson Creek Formation from the Oonah Formation.

Dundas Group

Correlates of the Dundas Group consisting of a series of massive to laminated siltstone, pebble conglomerate, immature sandstone and felspar-phyric tuff occur at Barken Creek and its tributaries, southwest of Carbine Hill. The series are assigned to the Upper Brewery Junction Formation.

The contact between the Upper Brewery Junction Formation and Crimson Creek has not been delineated by the present mapping. However, a contact to the west of Barker Creek is tentatively defined.

Cambrian Serpentinite

Cambrian serpentinite underlies the southwestern half of the area. The serpentinite is yellow-green to green, generally weathered and strongly deformed with distinct striations and slickensides. The serpentinite is in fault contact with the Crimson Creek Formation.

5.2 Structures

Faults

A major fault trending NNE and dipping 70° to the west is exposed at the Carbine Hill track. The fault occurs within sediments of the Crimson Creek Formation and appears to be persistent with an apparent left-lateral movement.

Although no actual contact between the Crimson Creek Formation and the Cambrian Serpentinite is exposed, a major northwest-trending fault is interpreted to mark the boundary between these two units. At the approximate fault contact, distinct northwest-trending shears are developed with lithic arenite of the Crimson Creek Formation.

In the general vicinity of North Comet Mine, boulders of ferruginous siliceous gossan are regarded to form part of a NNW-trending fault. A shear zone at the Carbine Hill track is probably the extension of this fault.

Apart from the structures cited above, there are a number of faults with apparently minor displacements. Most of these faults trend NNW.

Folds

Mapping within the area showed no indications of a major fold of regional scale. However, two distinct fold structures occurring within units of the Oonah Formation and Crimson Creek Formation have been recognised. To the north of Concert Creek, interbedded dolomite and siltstone are folded into a syncline with a WNW-trending axis. At the Carbine Hill track, fine-grained sandstones with siltstone laminae and folded into an anticline with also a WNW-trending axis.

5.3 Mineralisation

Limonitic, manganiferous and partly siliceous gossans occur as a zone on the Carbine Hill track within Crimson Creek Formation sediments. The gossan zone is associated with a major NNE-trending fault. The continuity of the gossan zone to the north appears to

have been tested by two drill holes which were originally drilled to test a VLF anomaly.

Mineralisation at North Comet Mine is probably related to a NNW-trending fault manifested by a zone of siliceous and ferruginous boulders. This zone is probably the continuity of the Comet-Maestries lode as cited by McLeod (1962). Two drill holes of Geophoto Resources were drilled to test this zone and did not encounter any significant mineralisation.

To the west of Carbine Hill track, slightly magnetic gossans occur within Cambrian serpentine and appears to be related to a NNW-trending fault.

At Concert Creek, an exploratory tunnel exposed a narrow N-S trending vein containing galena, sphalerite, pyrite, siderite and quartz.

Sampling and Results

A total of 25 rock chip samples were collected and analysed for 30 elements. The samples were taken from gossans, mineralised structures and weakly to moderately pyritic sediments. Table 1 shows the description of the samples. As of this writing, only the analytical results for 4 elements, namely, Cu, Pb, Zn and Sn are available and are shown in Table 2. The results are discussed as follows:

Cu

Copper values are generally weak with most values falling between 20 to 80ppm. Very slightly anomalous values ranging from 145 to 470ppm, Cu are associated with the gossans at Carbine Hill (T36506, T36507, T36524

and T36516). A galena-sphalerite-rich vein and a siliceous returned over 600ppm Cu (T36508 and T36520).

Pb and Zn

There are 9 samples with slightly to strongly anomalous values for both Pb and Zn. Of fine samples with moderately to strongly anomalous Pb and Zn values, three are samples of gossans at Carbine Hill which returned 6800 to over 10,000ppm Pb and 2550 to over 10,000ppm Zn (T36506, T36507, T36524 and T36516); two are samples of siliceous faults which returned 864 to 2150ppm pb and 530 to 690ppm Zn (T36520 and T36521); another is an obviously mineralised vein with over 10,000ppm Pb and over 10,000ppm Zn (T36508). Two samples returned weak but significant values since they represent samples of pyritic sediments and include samples of dolomitic lithic arenite and dolomite. The lithic arenite sample yielded 365ppm Pb and 845ppm Zn (T36509) while the dolomite sample yielded 235ppm Pb and 760 ppm Zn (T36509). The gossan's occurring within serpentinite returned only slightly elevated values for Pb and Zn with values ranging from 90 to 290ppm Pb and 270 to 500ppm Zn (T36517, T36518 and T36519).

Sn

There are no Sn values considered significant. Except for 4 samples which registered from 6 to 15ppm Sn, the rest yield values generally under 3ppm Sn.

7.0 CONCLUSION AND RECOMMENDATION

Results of the present investigation suggest there is little potential for significant base-metal and tin mineralisation on the southeastern sector of E.L. 101/87. No new major mineralised zone have been defined apart from those already recognised by previous workers. Although a favourable geological environment for replacement-style mineralisation is suggested by occurrences of carbonate units and structures, previous geochemical and geophysical surveys do not indicate significant anomalies related to these occurrences.

No further work is recommended unless strongly anomalous values are obtained from the results of analysis for other elements.

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APPENDIX 1

Description of Rock Chip Samples

DESCRIPTION OF ROCK CHIP SAMPLES

T36501 Dolomitic, ferruginous lithic sandstone with weak pyrite disseminations, weakly silicified.

T36502 Dolomitic, ferruginous lithic sandstone with weak pyrit disseminations.

T36503 Light green crystalline dolomite with some pyrite disseminations, partially silicified.

T36504 White, crystalline quartz with fine specks of pyrite (?)

T36505 Massive grey to pale green, partially recrystallised dolomite with very weak py disseminations.

T36506 Oxidised 25cm quartz-sulphide vein with galena.

T36507 Reddish brown siliceous manganiferous gossan.

T36508 Siderite-quartz-galena-sphalerite-pyrite vein, 15cm.

T36509 Silicified/cherty dolomite with pyrite disseminations.

T36510 Light green to light grey dolomite with pyrite veinlets and disseminations.

T36511 2.0cm vuggy quartz fracture fill vein with some pyrite dip, slightly ferruginous.

T36512 Dark grey conglomerate with pink chert and silicifed black mudstone clasts. Siliceous. Weak pyrite disseminations.

T36513 Light grey crystalline dolomite.

T36514 Greenish-brown/white conglomerate with black cherty mudstone clasts.

T36515 Light green crystalline to silty dolomite with trace pyrite disseminations.

T36516 Grab sample from pit - manganiferous gossan.

T36517 Grab sample from trench - magnetic gossan occurring in serpentine.

T36518 Grab sample from trench - magnetic gossan occurring in serpentinite.

T36519 Grab sample from trench-magnetic, slightly manganiferous gossan occurring in serpentinite.

T36520 Silicified ferruginous fault/vein trending 22°/47°.

T36521 Silicified slickensided manganiferous fault trending 324/40°.

T36522 Quartz-chlorite-pyrite-altered lithic arenite.

T36523 Silicified cherty dolomite with some pyrite disseminations.

T36524 Siliceous manganiferous gossan.

T36525 Manganiferous, ferruginous fracture in conglomerate.

APPENDIX 2

Analabs Analytical Data

151096 5522/321.

ANALABS

A Division of Inchcape Inspection and Testing Services Australia Pty. Ltd.

Analabs - A Division of Inchcape Inspection & Testing Services

Phone (004) 31 6837 | 14 Thirkell St. Cooee Tas 7320 | Fax (004) 31 8990

ANALYTICAL REPORT No. 112500.60.07891

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

INVOICE TO:

R.G.C. Exploration Pty Limited
P.O. Box 320
Rosny Park
Tasmania 7018

ORDER No.	PROJECT
0453	T 5522

DATE RECEIVED	RESULTS REQUIRED
05/04/91	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES
2	17/04/91	1

TOTAL No. OF SAMPLES: 25

SAMPLE NUMBERS	SAMPLE DESCRIPTION	ELEMENT/METHOD
T36501/25	RO Prep: GP030,P3	Cu,Pb,Zn/GA101
T36501/25	RO	Sn/GX401
T36501/25	RO	Au+2b/GN801
T36501/25	RO Prep: GP030,P3	Cu,Pb,Zn/GA105
T36501/25	RO Prep: GP030,P3	Pb:1,Zn:1/GA105

REMARKS

E.L. 101/87 - DUNDAS

Carbine Area

Reconnaissance Rock Chip Samples

(Danny Dethin).

RESULTS TO

Mr. Mark Fleming
R.G.C. Exploration Pty Limited
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Tasmania 7018

RESULTS TO

Mr. John Crossing
R.G.C. Exploration Pty Limited
P.O. Box 320
Rosny Park
Tasmania 7018

RESULTS TO

AUTHORISED OFFICER

ANALABS

151097

A Division of Inchcape Inspection and Testing Services Australia Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	112500.60.07891	17/04/91	0453	1 OF 2

TUBE No.	SAMPLE No.	Cu	Cu	Pb	Pb	Pb*1	Zn	Zn	Zn*1	Sn
1	T36501	55	–	<5	–	–	135	–	–	<3
2	T36502	55	–	10	–	–	420	–	–	<3
3	T36503	30	–	365	–	–	865	–	–	4
4	T36504	45	–	100	–	–	230	–	–	<3
5	T36505	30	–	5	–	–	110	–	–	<3
6	T36506	265	375	7300	–	1.34	>10000	–	1.10	15
7	T36507	470	650	630	1625	–	2550	2950	–	3
8	T36508	635	650	>10000	–	4.91	>10000	–	7.50	<3
9	T36509	35	–	235	–	–	760	–	–	<3
10	T36510	25	–	20	–	–	80	–	–	3
11	T36511	40	–	75	–	–	110	–	–	3
12	T36512	220	–	15	–	–	70	–	–	<3
13	T36513	50	–	70	–	–	270	–	–	<3
14	T36514	25	25	10	50	–	115	150	–	<3
15	T36515	55	–	80	–	–	330	–	–	3
16	T36516	110	125	6800	–	1.00	5450	6100	–	11
17	T36517	30	–	150	–	–	500	–	–	6
18	T36518	25	–	90	–	–	270	–	–	<3
19	T36519	30	–	290	–	–	430	–	–	<3
20	T36520	660	750	2150	2475	–	690	750	–	7
21	T36521	80	100	865	1250	–	530	625	–	<3
22	T36522	45	–	15	–	–	145	–	–	<3
23	T36523	20	–	25	–	–	50	–	–	<3
24	T36524	145	175	65	105	–	875	925	–	<3
25	T36525	50	–	130	–	–	330	–	–	<3

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

AUTHORISED OFFICER

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ANALABS

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	112500.60.07891	17/04/91	0453	2 OF 2

TUBE No.	SAMPLE No.	Cu	Cu	Pb	Pb	Pb*1	Zn	Zn	Zn*1	Sn
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22	DETECTION	5	25	5	25	0.01	5	25	0.01	3
23	UNITS	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
24	METHOD	GA101	GA105	GA101	GA105	GA105	GA101	GA105	GA105	GX401
25										

Results in ppm unless otherwise specified
T = element present, but concentration too low to measure
X = element concentration is below detection limit
— = element not determined

AUTHORISED OFFICER

6 MAY 1991

NEUTRON ACTIVATION ANALYSIS

0090

151099

BECQUEREL LABORATORIES PTY. LIMITED

NEUTRON ACTIVATION ANALYSIS REPORT

Date: 26-04-91

RGC TASMANIA
BECQUEREL JOB # 341

NOTE: - A NEGATIVE SIGN INDICATES "LESS THAN".
- RESULTS ARE IN PARTS PER MILLION (ppm) UNLESS OTHERWISE INDICATED.
- ELEVATED D.L. FOR SOME ELEMENTS IN SAMPLES WITH HIGH Co, Cr OR Sb.
- ALL SAMPLE IDs PREFIXED WITH "T".

ELEMENT	DL	# 36501	# 36502	# 36503	# 36504	# 36505	# 36506	# 36507	# 36508	# 36509	# 36510
ANTIMONY	.2	.79	.95	6.69	10.20	.74	76.50	10.30	51.70	1.31	.80
ARSENIC	2.0	3.85	4.17	63.60	101.00	5.42	351.00	170.00	228.00	6.70	-2.00
BARIUM	100.0	135.0	265.0	-100.0	-100.0	-100.0	1330.0	2510.0	-100.0	390.0	-100.0
BROMINE	2.0	-2.00	3.01	3.49	2.15	-2.00	2.93	3.99	-2.00	2.10	-2.00
CERIUM	2.0	5.16	6.12	10.10	-2.00	4.14	20.30	78.30	2.56	25.40	33.30
CAESIUM	1.0	7.21	4.93	3.13	1.50	1.44	2.85	1.96	2.04	2.75	2.11
CHROMIUM	5.0	202.0	1000.0	4100.0	5000.0	3140.0	5180.0	3000.0	27.2	32.7	30.6
COBALT	1.0	61.20	51.30	78.90	32.80	21.30	2070.00	1230.00	48.00	21.60	10.60
EUROPIUM	.5	.51	-.50	-.50	-.50	-.50	3.51	4.08	-.50	-.50	.85
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.71	2.51
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	9.090	9.620	12.300	5.600	4.400	18.800	10.000	11.700	1.650	3.860
LANTHANUM	.5	2.27	2.35	5.09	-.50	2.01	9.91	9.66	1.42	12.60	17.00
LUTETIUM	.2	.73	.24	-.20	-.20	-.20	-.20	.41	-.20	-.20	.33
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	1.010	.815	-.200	-.200	-.200	-.560	.644	.339	1.210	.961
RUBIDIUM	20.0	56.7	63.7	52.4	-20.0	-20.0	31.2	46.9	47.1	67.5	52.1
SAMARIUM	.20	1.47	.92	.89	.27	1.05	8.99	13.30	1.03	2.66	4.15
SCANDIUM	.10	51.60	40.80	17.30	22.50	5.59	14.60	17.40	1.37	6.11	7.85
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	19.00	32.10	-5.00	-5.00
SODIUM, %	.01	.050	.037	.011	.012	.019	.028	.142	.010	.053	.035
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.18	-1.00	-1.00	-1.00
THORIUM	.5	.82	-.50	.86	-.50	-.50	1.07	-.50	.53	4.19	5.78
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	3.73	1.61	-.50	-.50	-.50	1.90	3.09	-.50	.95	1.59
ZINC	100.0	188.0	494.0	927.0	275.0	141.0	9300.0	2640.0	57000.0	444.0	-100.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

151100

BECQUEREL JOB # 341

ELEMENT	DL	# 36511	# 36512	# 36513	# 36514	# 36515	# 36516	# 36517	# 36518	# 36519	# 36520
ANTIMONY	.2	.98	.71	2.13	.78	1.35	32.70	.91	1.21	2.21	1100.00
ARSENIC	2.0	6.55	7.13	26.10	2.66	9.00	2140.00	18.30	21.70	18.70	1100.00
BARIUM	100.0	321.0	-100.0	101.0	671.0	-100.0	-100.0	-100.0	194.0	-100.0	323.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	7.77	11.40	8.82	9.56	8.57
CERIUM	2.0	37.50	39.70	-2.00	119.00	-2.00	11.30	8.60	4.71	8.86	64.70
CAESIUM	1.0	3.67	3.61	1.16	6.41	-1.00	1.12	-1.00	-1.00	-1.00	2.51
CHROMIUM	5.0	33.5	801.0	3100.0	30.9	5450.0	1790.0	22100.0	23000.0	27500.0	164.0
COBALT	1.0	14.00	19.60	125.00	11.20	81.10	197.00	171.00	199.00	255.00	78.20
EUROPIUM	.5	.62	.73	.55	1.28	-.50	1.59	-.50	-.50	-.50	1.36
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-10.0
HAFNIUM	1.0	6.78	2.68	-1.00	4.63	-1.00	-1.00	1.82	2.35	1.76	1.08
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	27.0	28.0	21.0	-20.0
IRON, %	.05	3.510	3.360	9.370	1.160	5.260	36.700	32.700	36.200	33.300	16.900
LANTHANUM	.5	18.80	20.10	.83	69.40	-.50	1.99	2.50	2.40	3.42	31.20
LUTETIUM	.2	.39	.27	-.20	.52	-.20	.32	.38	.36	.48	.46
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-10.0	-10.0	-10.0	-10.0	-10.0
POTASSIUM, %	.2	1.630	.715	-.200	3.210	-.200	-.200	-.200	-.200	-.200	3.960
RUBIDIUM	20.0	87.7	40.8	-20.0	140.0	-20.0	76.9	49.5	94.0	65.0	149.0
SAMARIUM	.20	3.61	3.68	1.30	7.51	.33	5.57	.44	.48	.61	6.71
SCANDIUM	.10	6.66	12.00	15.90	3.15	5.61	5.24	2.10	1.92	2.54	12.60
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-10.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	173.00
SODIUM, %	.01	.053	.030	.017	.076	.012	.013	-.010	-.010	-.010	.135
TANTALUM	1.0	-1.00	-1.00	-1.00	1.48	-1.00	-1.00	-1.00	-1.00	-1.00	1.09
THORIUM	.5	5.84	5.36	-.50	34.60	-.50	-.50	1.14	.91	1.21	7.05
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-1008.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	10.30
URANIUM	2.0	-2.00	-2.00	-2.00	7.76	-2.00	-2.00	-2.00	-2.00	-2.00	-4.00
YTTERBIUM	.5	1.81	1.48	-.50	2.69	-.50	.87	-.50	-.50	-.50	.64
ZINC	100.0	127.0	-100.0	303.0	140.0	390.0	4390.0	388.0	207.0	392.0	596.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

151101

BECQUEREL JOB # 341

ELEMENT	DL	# 36521	# 36522	# 36523	# 36524	# 36525	# 36514X1	# 36521X1
ANTIMONY	.2	6.59	2.53	.72	19.00	69.80	.76	6.34
ARSENIC	2.0	104.00	9.18	-2.00	431.00	796.00	2.13	102.00
BARIUM	100.0	-100.0	101.0	-100.0	137.0	-100.0	716.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	5.33	2.55	-2.00	-2.00
CERIUM	2.0	30.30	-2.00	4.01	-2.00	-2.00	122.00	29.10
CAESIUM	1.0	4.26	7.32	-1.00	1.10	1.63	6.59	3.81
CHROMIUM	5.0	39.2	42.4	17.4	8350.0	2060.0	22.4	36.9
COBALT	1.0	120.00	104.00	3.39	57.10	70.60	10.20	117.00
EUROPIUM	.5	.65	-.50	-.50	.86	.82	1.35	.70
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	1.05	-1.00	-1.00	-1.00	-1.00	4.40	1.30
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	10.700	11.500	1.300	27.200	37.200	1.090	10.300
LANTHANUM	.5	10.50	.52	1.74	3.62	.66	67.40	10.50
LUTETIUM	.2	.23	.78	-.20	.27	-.20	.55	.21
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-13.0	-5.0
POTASSIUM, %	.2	.552	.541	-.200	-.200	.377	2.780	.322
RUBIDIUM	20.0	50.2	28.2	-20.0	77.1	89.2	143.0	37.8
SAMARIUM	.20	3.48	1.16	.91	2.33	.79	7.39	3.38
SCANDIUM	.10	8.33	47.50	1.68	7.38	7.15	3.05	8.07
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
SODIUM, %	.01	.048	.269	.024	-.010	-.010	.069	.048
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	1.67	-1.00
THORIUM	.5	3.21	-.50	2.77	1.06	.64	33.80	2.97
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	6.91	-2.00
YTTERBIUM	.5	1.35	4.04	-.50	.79	-.50	2.57	1.31
ZINC	100.0	572.0	213.0	-100.0	770.0	313.0	136.0	546.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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APPENDIX 2

Mt. Dundas C-Horizon soil sampling programme, Analytical Results.

RGC EXPLORATION PTY.LTD. DATA SHEET

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	NORTH metres	TNORTH metres	EAST metres	TEAST metres	GRID	KIND	COLOUR	COMPOS	SLOPE	SOIL	CU PPM	PB PPM	ZN PPM	SN PPM	AU PPB
T 33218	4200	364139	5000	374531	MTD	SL	T2 3T	CY SIL	3	R	40	65	151	5	-5
T 33219	4200	364124	5025	374545	MTD	SL	T2 3T	CY SIL	1	R	35	65	173	13	5
T 33220													104		269
T 33221	4200	364104	5050	374569	MTD	SL	2A2T3T	SIL SN	1	R	25	40	148	7	-5
T 33222	4200	364088	5075	374590	MTD	SL	3A 2T	SIL/SN	2	R	5	5	-100	6	-5
T 33223	4200	364072	5100	374607	MTD	SL	2T 2A	CY/SIL	3	R	25	200	302	8	-5
T 33224	4200	364056	5125	374626	MTD	SL	2T	SIL SN	3	R	35	50	279	10	-5
T 33225	4200	364039	5150	374644	MTD	RC	2A3A3T	PEB	1	R	55	30	115	9	-5
T 33226	4200	364024	5175	374662	MTD	SL	2A	PEB	1	R	65	15	168	11	-5
T 33227	4200	364008	5200	374681	MTD	SL	2T	SIL SN	1	R	75	220	612	8	-5
T 33228	4200	363991	5225	374700	MTD	SL	3A2T	CY/SIL	1	R	15	20	102	9	-5
T 33229	4200	363975	5250	374720	MTD	SL	2T2U	CY/SIL	2	R	20	50	198	11	-5
T 33230	4200	363958	5275	374738	MTD	SL	2A3A	SIL SN	2	R	5	20	-100	8	-5
T 33231	4200	363942	5300	374757	MTD	RC	2A2T	PEB	2	R	45	70	229	10	-5
T 33232	4200	363924	5325	374778	MTD	SL	3A3T2A	CY/SIL	3	R	10	20	103	9	-5
T 33233	4200	363908	5350	374796	MTD	SL	2A2T3U	CY/SIL	1	R	35	35	164	4	-5
T 33234	4200	363893	5375	374813	MTD	SL	2T	CY/SIL	2	R	20	25	154	7	-5
T 33235	4200	363877	5400	374832	MTD	SL	2A	CY/SIL	1	R	20	40	154	12	-5
T 33236	4200	363861	5425	374851	MTD	SL	3A3T	SIL SN	1	R	10	55	-100	9	-5
T 33237	4200	363843	5450	374871	MTD	SL	2T	CY/SIL	1	R	25	105	172	12	-5
T 33238	4200	363826	5475	374891	MTD	SL	2A2T	CY/SIL	1	R	50	95	-100	5	-5
T 33239	4200	363811	5500	374908	MTD	SL	2A3A	SIL SN	1	R	50	30	137	14	-5
T 33240													133		62
T 33241	4200	364154	4975	374509	MTD	SL	2T	CY/SIL	2	R	110	175	144	10	-5
T 33242	4200	364169	4950	374490	MTD	SL	2T	SIL/SN	3	R	65	185	565	11	-5
T 33243	4200	364189	4925	374466	MTD	SL	3A2T	CY/SIL	1	R	80	85	220	6	-5
T 33244	4200	364199	4900	374451	MTD	SL	2T2U	SIL/SN	1	R	45	425	738	6	-5
T 33245	4200	364215	4875	374428	MTD	RC	W 3A10	PEB	4	R	25	10	117	3	-5
T 33246	4200	364230	4850	374408	MTD	SL	2U 2T	CY/SIL	1	R	35	105	183	-3	-5
T 33247	4200	364243	4825	374389	MTD	RC	203A2U	PEB	3	R	35	15	290	9	-5
T 33248	4200	364256	4800	374371	MTD	SL	2T	CY/SIL	1	R	80	300	264	6	-5
T 33249	4200	364272	4775	374350	MTD	SL	2A 2T	CY/SIL	2	R	60	20	181	11	-5
T 33250	4200	364287	4750	374329	MTD	SL	2A2T	SIL/SN	1	R	75	50	207	5	-5
T 33251	4200	364302	4725	374308	MTD	SL	2U2T	SIL/SN	1	R	160	60	219	8	-5
T 33252	4200	364316	4700	374286	MTD	SL	3R2T	SIL/SN	1	R	45	10	154	3	-5

Laboratory:	ANALAB	ANALAB	ANALAB	ANALAB	BECQ
Method :	101	101	101	401	INAA30
Det. Limit:	5.000	5.000	5.000	3.000	5.000

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	NORTH metres	TNORTH metres	EAST metres	TEAST metres	GRID	KIND	COLOUR	COMPOS	SLOPE	SOIL	CU PPM	PB PPM	ZN PPM	SN PPM	AU PPB
T 33253	4200	364328	4675	374264	MTD	SL	2U 2T	SIL/SN	1	R	175	-5	149	8	-5
T 33254	4200	364340	4650	374245	MTD	RC	2T2U3A	PEB	3	R	45	25	153	5	-5
T 33255	4200	364359	4625	374226	MTD	RC	W 2A3A	PEB	1	R	30	10	103	7	-5
T 33256	4200	364373	4600	374206	MTD	RC	N 3A2T	PEB	2	R	70	-5	160	12	7
T 33257	4200	364388	4575	374185	MTD	SL	2T3A	CY/SIL	2	R	25	-5	103	8	-5
T 33258	4200	364403	4550	374166	MTD	RC	2A3A2T	PEB	2	R	20	-5	164	12	-5
T 33259	4200	364418	4525	374143	MTD	RC	2A3A2T	PEB	2	R	35	-5	193	5	-5
T 33260													114		247
T 33261	4200	364428	4500	374125	MTD	RC	2A3A1U	PEB	2	R	15	30	168	7	-5
T 33262	4800	363828	5000	374299	MTD	SL	2T	CY/SIL	3	R	45	5	200	9	-5
T 33263	4800	363814	5025	374319	MTD	SL	2A3A2T	CY/SIL	3	R	20	30	-100	5	-5
T 33264	4800	363802	5050	374341	MTD	SL	3A3T	CY/SIL	2	R	20	25	-100	6	-5
T 33265	4800	363792	5075	374362	MTD	SL	2A1T	SIL/SN	2	R	215	75	269	10	-5
T 33266	4800	363779	5100	374382	MTD	SL	3A3T	SIL/SN	1	R	10	10	-100	7	-5
T 33267	4800	363762	5125	374403	MTD	RC	W 3A2A	PEB	3	R	10	215	275	4	-5
T 33268	4800	363745	5150	374420	MTD	SL	3A2T	SIL/SN	2	R	240	35	378	6	-5
T 33269	4800	363730	5175	374442	MTD	SL	W 3A2A	PEB	3	R	10	15	-100	8	-5
T 33270	4800	363716	5200	374464	MTD	SL	W 3A2T	SN/PEB	3	R	5	10	-100	5	-5
T 33271	4800	363703	5225	374483	MTD	RC	W 3A3T	PEB	5	R	10	10	-100	8	-5
T 33272	4800	363689	5250	374506	MTD	SL	3A2T3T	CY/SIL	1	R	80	530	798	12	-5
T 33273	4800	363672	5275	374525	MTD	RC	2A2T2U	PEB	3	R	15	25	170	13	-5
T 33274	4800	363655	5300	374542	MTD	SL	2A2T	CY/SIL	5	R	30	25	112	16	-5
T 33275	4800	363640	5325	374565	MTD	SL	2A3A2T	SIL/SN	4	R	25	30	145	11	-5
T 33276	4800	363627	5350	374581	MTD	SL	2A2T2R	SIL/SN	3	R	15	30	132	-3	-5
T 33277	4800	363614	5375	374600	MTD	SL	3A2T	CY/SIL	2	R	10	25	-100	8	-5
T 33278	4800	363600	5400	374623	MTD	RC	3A3T	PEB	2	R	-5	5	-100	4	-5
T 33279	4800	363600	5425	374623	MTD	SL	2A3A1T	SIL/SN	2	R	35	30	176	8	-5
T 33280													-100		257
T 33281	3800	363585	5450	374643	MTD	SL	3A2T3T	SIL/SN	2	R	20	30	159	9	-5
T 33282	3800	363570	5475	374666	MTD	SL	33A3T	CY/SIL	2	R	10	20	143	8	-5
T 33283	3800	363556	5500	374681	MTD	SL	3A2T	SIL/SN	2	R	25	45	321	6	-5
T 33284	3800	363861	5525	374258	MTD	SL	2T	SIL/SN	4	R	55	55	168	7	-5
T 33285	3800	363877	5550	374242	MTD	SL	N 2T2U	PEB	4	R	135	55	284	7	-5
T 33286	3800	363895	5575	374224	MTD	RC	N 1T W	PEB	4	R	25	20	215	8	-5
T 33287	3800	363913	5600	374209	MTD	SL	2T	SIL/SN	4	R	25	30	260	8	-5

Laboratory:	ANALAB	ANALAB	ANALAB	ANALAB	BECQ
Method :	101	101	101	401	INAA30
Det. Limit:	5.000	5.000	5.000	3.000	5.000

15410

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	NORTH metres	TNORTH metres	EAST metres	TEAST metres	GRID	KIND	COLOUR	COMPOS	SLOPE	SOIL	CU PPM	PB PPM	ZN PPM	SN PPM	AU PPB
T 33288	3800	363929	5625	374187	MTD	SL	3A2T	CY/SIL	4	R	25	55	220	9	-5
T 33289	3800	363945	5650	374169	MTD	SL	W 3A2T	SIL/SN	4	R	65	75	131	8	-5
T 33290	3800	363965	5675	374155	MTD	SL	1U1T2T	SIL/SN	4	R	65	25	247	-3	-5
T 33291	3800	363984	5700	374141	MTD	RC	2A2U2T	PEB	2	R	25	10	151	4	-5
T 33292	3800	364002	5725	374123	MTD	RC	W N 1T	PEB	2	R	40	65	266	4	-5
T 33293	3800	364021	5750	374106	MTD	RC	N W 1T	PEB	4	R	25	65	234	-3	-5
T 33294	3800	364036	5775	374088	MTD	SL	N W 3A	SIL/SN	4	R	30	125	219	5	-5
T 33295	3800	364051	5800	374072	MTD	SL	2T	CY/SIL	4	R	30	135	312	8	-5
T 33296	3800	364069	5825	374053	MTD	RC	3A2T	PEB	4	R	10	15	219	9	-5
T 33297	3800	364084	5850	374032	MTD	SL	2T	CY/SIL	4	R	35	25	164	8	-5
T 33298	3800	364100	5875	374012	MTD	SL	2T	SIL/SN	4	R	65	35	174	8	-5
T 33299	3800	364112	5900	373994	MTD	SL	2T	CY/SIL	4	R	25	25	104	-3	-5
T 33300													-100		254
T 33301	3800	364125	4575	373974	MTD	SL	2T	CY/SIL	4	R	35	30	131	-3	-5
T 33302	3800	364143	4550	373957	MTD	SL	3A 2T	CY/SIL	4	R	10	10	-100	10	-5
T 33303	3800	364161	4525	373939	MTD	SL	3A2T	CY/SIL	4	R	15	15	-100	5	-5
T 33304	3800	364174	4500	373924	MTD	SL	2T	SIL/SN	3	R	15	20	170	-3	-5
T 33305	3400	363541	5000	374025	MTD	SL	W 3A3U	SIL/SN	3	R	10	5	-100	-3	-5
T 33306	3400	363525	5025	374045	MTD	SL	3A2T3T	SIL/SN	3	R	5	5	-100	5	-5
T 33307	3400	363514	5050	374063	MTD	SL	3A	CY/SIL	3	R	10	10	-100	8	-5
T 33308	3400	363499	5075	374086	MTD	SL	2A3A2T	CY/SIL	5	R	-5	5	-100	5	-5
T 33309	3400	363484	5100	374104	MTD	RC	N 2A2T	PEB	1	R	15	20	-100	10	-5
T 33310	3400	363466	5125	374121	MTD	SL	2A3A2U	SIL/SN	5	R	30	10	-100	14	-5
T 33311	3400	363447	5150	374142	MTD	RC	W 2T2U	PEB	4	R	25	10	101	8	-5
T 33312	3400	363431	5175	374161	MTD	SL	2U2T2A	SIL/SN	2	R	40	30	143	7	-5
T 33313	3400	363417	5200	374180	MTD	SL	2A2T	SIL/SN	2	R	50	20	140	13	-5
T 33314	3400	363401	5225	374198	MTD	RC	1A2A3A	PEB	5	R	10	10	-100	11	-5
T 33315	3400	363383	5250	374216	MTD	RC	2A2T1T	PEB	5	R	45	55	108	4	6
T 33316	3400	363365	5275	374236	MTD	SL	2A1T2U	CY/SIL	3	R	30	35	118	8	-5
T 33317	3400	363349	5300	374253	MTD	SL	2A3A2T	CY/SIL	2	R	25	40	110	11	-5
T 33318	3400	363332	5325	374272	MTD	SL	2A2T	SIL/SN	1	R	80	35	103	-3	13
T 33319	3400	363315	5350	374292	MTD	SL	2O2T	SIL/SN	2	R	35	25	146	11	-5
T 33320													-100		262
T 33321	3400	363299	5375	374310	MTD	SL	3A1T3U	CY/SIL	3	R	10	25	-100	11	-5
T 33322	3400	363283	5400	374327	MTD	SL	3A2T3T	SIL/SN	3	R	350	45	153	9	-5

Laboratory:	ANALAB	ANALAB	ANALAB	ANALAB	BECQ
Method :	101	101	101	401	INAA30
Det. Limit:	5.000	5.000	5.000	3.000	5.000

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	NORTH metres	TNORTH metres	EAST metres	TEAST metres	GRID	KIND	COLOUR	COMPOS	SLOPE	SOIL	CU PPM	PB PPM	ZN PPM	SN PPM	AU PPB
T 33323	3400	363265	5425	374347	MTD	SL	2T3T2A	SIL/SN	4	R	35	55	210	10	-5
T 33324	3400	363249	5450	374365	MTD	SL	3A2T3T	SIL/SN	4	R	40	100	120	5	-5
T 33325	3400	363231	5475	374387	MTD	RC	N 2A3A	PEB	3	R	30	110	220	7	-5
T 33326	3400	363215	5500	374404	MTD	SL	2T3T2A	SIL/SN	3	R	35	35	178	12	-5
T 33327	3400	363561	4975	374006	MTD	SL	2A2T	SIL/SN	3	R	15	-5	144	15	-5
T 33328	3400	363579	4950	373988	MTD	RC	N 2T	PEB	1	R	230	20	215	5	-5
T 33329	3400	363596	4925	373971	MTD	SL	2A3A2T	SIL/SN	2	R	60	15	149	5	-5
T 33330	3400	363611	4900	373950	MTD	SL	1O2T2U	SIL/SN	3	R	15	-5	204	-3	-5
T 33331	3400	363623	4875	373929	MTD	SL	2A3A2T	SIL/SN	3	R	45	-5	146	9	-5
T 33332	3400	363640	4850	373907	MTD	SL	2T3U	SIL/SN	1	R	5	5	111	13	-5
T 33333	3400	363658	4825	373887	MTD	RC	1P1T3U	PEB	1	R	10	5	135	4	-5
T 33334	3400	363673	4800	373869	MTD	SL	3A2T	SIL/SN	1	R	15	50	105	7	-5
T 33335	3400	363689	4775	373852	MTD	SL	A 2U2A	CY/SIL	1	R	130	30	152	9	-5
T 33336	3400	363707	4750	373834	MTD	SL	1T2U	SIL/SN	1	R	95	60	230	15	-5
T 33337	3400	363726	4725	373814	MTD	SL	2A2T	SIL/SN	1	R	145	35	160	13	-5
T 33338	3400	363746	4700	373800	MTD	SL	2T	SIL/SN	2	R	120	40	246	6	-5
T 33339	3400	363765	4625	373778	MTD	SL	2U2T2A	SIL/SN	2	R	135	25	209	9	-5
T 33340													106		266
T 33341	3400	363782	4650	373756	MTD	SL	2U2A3A	SIL/SN	1	R	120	25	126	12	6
T 33342	3400	363795	4625	373742	MTD	SL	2A3A2T	SIL/SN	1	R	85	30	107	10	5
T 33343	3400	363809	4600	373725	MTD	SL	2T2A	CY/SIL	1	R	10	5	136	6	-5
T 33344	3400	363826	4575	373705	MTD	SL	2R2T3T	SIL/SN	1	R	15	-5	159	11	-5
T 33345	3400	363842	4550	373686	MTD	RC	2T	PEB	3	R	35	-5	142	19	-5
T 33346	3400	363859	4525	373665	MTD	SL	A 2T	CY/PEB	3	R	100	10	151	9	-5
T 33347	3400	363876	4500	373644	MTD	SL	2A3A2T	SIL/SN	2	R	145	30	214	9	-5
T 33348	3800	363625	5175	373351	MTD	RC	2A2T3T	PEB	4	R	260	5	290	13	9
T 33349	3800	363632	5200	373375	MTD	RC	1P	PEB	4	R	10	5	267	4	-5
T 33350	3800	363638	5225	373398	MTD	RC	1A2T2U	PEB	3	R	10	15	251	11	-5
T 33351	3800	363642	5250	373421	MTD	RC	2P2T	PEB	4	R	15	10	280	-3	-5
T 33352	3800	363646	5275	373442	MTD	SL	2A3A2T	SIL/SN	1	R	155	65	159	12	-5
T 33353	3800	363652	5300	373465	MTD	RC	2A2T	PEB	2	R	130	5	181	7	-5
T 33354	3800	363617	5150	373331	MTD	RC	N 2A2T	PEB	4	R	25	-5	286	7	-5
T 33355	3800	363610	5125	373307	MTD	RC	2A2T	PEB	2	R	105	25	237	4	-5
T 33356	3800	363604	5100	373284	MTD	RC	N 2T3T	PEB	3	R	15	-5	231	10	-5
T 33357	3800	363598	5075	373264	MTD	SL	2T	CY/SIL	1	R	125	15	253	11	-5

Laboratory:	ANALAB	ANALAB	ANALAB	ANALAB	BECQ
Method :	101	101	101	401	INAA30
Det. Limit:	5.000	5.000	5.000	3.000	5.000

131109

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	NORTH metres	TNORTH metres	EAST metres	TEAST metres	GRID	KIND	COLOUR	COMPOS	SLOPE	SOIL	CU PPM	PB PPM	ZN PPM	SN PPM	AU PPB
T 33358	3800	363593	5050	373244	MTD	RC	N 1O2T	PEB	3	R	180	110	470	6	-5
T 33359	3800	363587	5025	373222	MTD	SL	2T	CY/SIL	3	R	55	25	179	13	-5
T 33360													-100		272
T 33361	3800	363581	5000	373197	MTD	SL	1A2A3A	SIL/SN	3	R	45	30	-100	9	-5
T 33362	3800	363573	4975	373175	MTD	SL	3T3A	CY/SIL	4	R	10	20	-100	9	-5
T 33363	3800	363564	4950	373151	MTD	SL	2A	SIL/SN	4	R	15	20	-100	8	-5
T 33364	3800	363559	4925	373129	MTD	RC	N	SN/PEB	4	R	15	30	-100	8	-5
T 33365	3800	363554	4900	373106	MTD	SL	2A2T2R	SIL/SN	1	R	60	25	204	3	-5
T 33366	3800	363550	4875	373082	MTD	RC	1A2A2U	PEB	2	R	15	570	239	38	-5
T 33367	3800	363544	4850	373059	MTD	RC	2A	PEB	1	R	30	65	-100	15	-5
T 33368	3800	363534	4825	373035	MTD	SL	3A2T2A	CY/SIL	2	R	5	80	-100	30	-5
T 33369	3800	363528	4800	373014	MTD	SL	2T	SIL/SN	1	R	45	70	199	-3	-5
T 33370	3800	363519	4775	372991	MTD	SL	2A	SIL/SN	1	R	20	40	-100	7	-5
T 33371	3800	363514	4750	372967	MTD	RC	2A2T2U	PEB	2	R	15	15	109	17	-5
T 33372	3800	363504	4725	372942	MTD	SL	3A2T3T	SIL/SN	2	R	20	150	-100	12	-5
T 33373	3800	363497	4700	372921	MTD	SL	3A2T	CY/SIL	2	R	55	30	-100	11	-5
T 33374	3800	363489	4675	372898	MTD	SL	2O1T2T	SIL/SN	2	R	20	5	-100	8	-5
T 33375	3800	363480	4650	372874	MTD	SL	3A2T3T	SIL/SN	2	R	5	-5	112	14	-5
T 33376	3800	363473	4625	372849	MTD	RC	3A2T2U	PEB	3	R	5	-5	-100	9	-5
T 33377	3800	363468	4600	372825	MTD	SL	3T3A	SIL/SN	5	R	10	15	-100	9	-5
T 33378	3800	363461	4575	372803	MTD	RC	1U2T3T	PEB	5	R	10	-5	15	13	-5
T 33379	3800	363455	4550	372777	MTD	SL	3A2T3U	SIL/SN	5	R	5	-5	10	3	-5
T 33380													-100		3120
T 33381	3800	363447	4525	372754	MTD	SL	3A3T2T	SIL/SN	2	R	-5	-5	5	4	-5
T 33382	3800	363439	4500	372730	MTD	RC	N 1T1U	PEB	3	R	-5	40	40	6	-5
T 33383	3800	363432	4475	372706	MTD	RC	2T3T	PEB	4	R	-5	-5	20	6	-5
T 33384	3800	363423	4450	372684	MTD	RC	3A2T3T	PEB	4	R	-5	-5	15	12	-5
T 33385	3800	363417	4425	372658	MTD	SL	3A2T	SIL/SN	4	R	25	5	25	12	-5
T 33386	3800	363409	4400	372633	MTD	SL	3A2T3T	SIL/SN	4	R	10	-5	40	-3	-5
T 33387	3800	363401	4375	372610	MTD	SL	2U1O2T	SIL/SN	4	R	10	-5	35	13	-5
T 33388	3800	363394	4350	372587	MTD	SL	3A2T	SIL/SN	2	R	-5	-5	20	10	-5
T 33389	3800	363387	4325	372562	MTD	SL	3A2T3T	SIL/SN	1	R	10	-5	15	9	-5
T 33390	3800	363382	4300	372537	MTD	SL	1U2U3U	SIL/SN	1	R	15	-5	45	12	-5
T 33391	4000	363755	4950	373090	MTD	RC	1A	PEB	4	R	30	30	20	5	-5
T 33392	4000	363761	4975	373114	MTD	SL	2A3A	SIL/SN	4	R	20	45	35	6	-5

Laboratory:	ANALAB	ANALAB	ANALAB	ANALAB	BECQ
Method :	101	101	101	401	INAA30
Det. Limit:	5.000	5.000	5.000	3.000	5.000

RGC EXPLORATION PTY.LTD. DATA SHEET

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	NORTH metres	TNORTH metres	EAST metres	TEAST metres	GRID	KIND	COLOUR	COMPOS	SLOPE	SOIL	CU PPM	PB PPM	ZN PPM	SN PPM	AU PPB
T 33393	4000	363769	5000	373140	MTD	RC	1A2U	PEB	4	R	65	95	25	8	-5
T 33394	4000	363775	5025	373160	MTD	SL	2A2T	SIL/SN	3	R	130	215	570	9	-5
T 33395	4000	363783	5050	373181	MTD	SL	P1T2	CY/SIL	4	R	10	15	140	6	-5
T 33396	4000	363791	5075	373207	MTD	SL	A 2P	CY/SIL	4	R	10	10	125	8	-5
T 33397	4000	363796	5100	373231	MTD	RC	2O2A2T	SN/PEB	2	R	95	5	255	3	-5
T 33398	4000	363803	5125	373256	MTD	RC	1U2T2A	PEB	3	R	175	240	460	11	6
T 33399	4000	363812	5150	373278	MTD	SL	2O2T3A	SIL/SN	2	R	35	15	160	9	-5
T 33400													124		64
T 33401	4000	363814	5175	373305	MTZ	RC	3A2O2R	PEB	4	R	10	-5	175	6	-5
T 33402	4000	363820	5200	373330	MTZ	SL	2O2T2A	SIL/SN	3	R	20	10	205	7	-5
T 33403	4000	363825	5225	373358	MTZ	RC	2D2T3A	PEB	4	R	10	15	180	10	-5
T 33404	4000	363832	5250	373380	MTZ	SL	3A3T3O	CY/SIL	4	R	40	20	150	12	-5
T 33405	4000	363839	5275	373404	MTZ	RC	W 3A2A	PEB	4	R	15	-5	120	-3	-5
T 33406	4000	363849	5300	373429	MTZ	SL	2A3T	CY/SIL	4	R	315	60	305	9	-5
T 33407	4000	363749	4925	373067	MTZ	RC	2A2U2T	PEB	3	R	45	5	40	9	-5
T 33408	4000	363745	4900	373042	MTZ	SL	2A	SIL/SN	1	R	20	50	25	10	-5
T 33409	4000	363736	4875	373016	MTZ	SL	2A3A	SIL/SN	2	R	5	310	35	44	-5
T 33410	4000	363732	4850	372990	MTZ	SL	2A3A	SIL/SN	2	R	20	145	25	39	-5
T 33411	4000	363726	4825	372967	MTZ	SL	2A3A	SIL/SN	3	R	5	10	10	11	-5
T 33412	4000	363718	4800	372941	MTZ	RC	2A3A2T	PEB	2	R	20	15	60	15	-5
T 33413	4000	363709	4775	372918	MTZ	RC	3AN 1T	PEB	3	R	45	140	1700	4	-5
T 33414	4000	363700	4750	372894	MTZ	SL	2A3A	SIL/SN	2	R	75	30	35	16	-5
T 33415	4000	363690	4725	372871	MTZ	SL	3A2T3T	SIL/SN	3	R	45	15	25	9	-5
T 33416	4000	363685	4700	372843	MTZ	RC	2A3A2T	PEB	4	R	5	30	15	18	-5
T 33417	4000	363674	4675	372825	MTZ	RC	3U3A	PEB	5	R	5	-5	15	8	-5
T 33418	4000	363661	4650	372801	MTZ	RC	2A2U2T	PEB	5	R	5	5	45	12	-5
T 33419	4000	363652	4625	372776	MTZ	SL	3T2O2T	SIL/SN	5	R	30	55	100	8	-5
T 33420													-100		3050
T 33421	4000	363665	4600	372754	MTZ	SL	3A1T2T	CY/SIL	5	R	10	15	20	12	-5
T 33422	3000	363553	4550	373403	MTD	RC	3A 3P	PEB	4	R	50	5	185	11	-5
T 33423	3000	363537	4575	373425	MTD	RC	2P	PEB	5	R	15	15	110	13	-5
T 33424	3000	363520	4600	373445	MTD	SL	2A2T2R	SIL/SN	4	R	65	15	175	7	-5
T 33425	3000	363505	4625	373466	MTD	RC	3A2T2U	PEB	4	R	55	5	175	5	-5
T 33426	3000	363489	4650	373486	MTD	RC	2A2T	SIL/SN	4	R	45	5	215	5	-5
T 33427	3000	363477	4675	373504	MTD	RC	3P 3A	PEB	4	R	30	-5	155	6	-5

Laboratory:	ANALAB	ANALAB	ANALAB	ANALAB	BECQ
Method :	101	101	101	401	INAA30
Det. Limit:	5.000	5.000	5.000	3.000	5.000

15405

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	NORTH metres	TNORTH metres	EAST metres	TEAST metres	GRID	KIND	COLOUR	COMPOS	SLOPE	SOIL	CU PPM	PB PPM	ZN PPM	SN PPM	AU PPB
T 33428	3000	363458	4700	373527	MTD	SL	2O2T2U	SIL/SN	4	R	30	10	460	7	-5
T 33429	3000	363442	4725	373545	MTD	SL	1A2A2T	SIL/SN	2	R	20	15	120	11	-5
T 33430	3000	363427	4750	373562	MTD	SL	1T2T3T	SIL/SN	1	R	40	10	135	7	-5
T 33431	3000	363405	4775	373584	MTD	SL	A 2G	SIL/SN	2	R	85	20	200	5	-5
T 33432	3000	363387	4800	373604	MTD	SL	3A2T3T	SIL/SN	3	R	190	20	140	8	-5
T 33433	3000	363371	4825	373622	MTD	SL	2A2T2U	SIL/SN	3	R	130	30	25	13	-5
T 33434	3000	363355	4850	373641	MTD	SL	1U3A2T	SIL/SN	2	R	80	-5	65	12	-5
T 33435	3000	363339	4875	373659	MTD	SL	3A2T3T	SIL/SN	1	R	115	10	100	16	-5
T 33436	3000	363323	4900	373677	MTD	SL	2A3A2T	SIL/SN	1	R	80	20	30	6	6
T 33437	3000	363306	4925	373692	MTD	SL	3A2T3T	SIL/SN	3	R	180	30	50	7	-5
T 33438	3000	363288	4950	373712	MTD	SL	N 2T	SIL/SN	2	R	110	30	160	3	-5
T 33439	3000	363272	4975	373732	MTD	RC	2A2T	PEB	3	R	15	15	15	6	-5
T 33440													104		271
T 33441	3000	363256	5000	373753	MTD	SL	W 2T	CY/SIL	1	R	5	10	15	7	-5
T 33442	3000	363241	5025	373768	MTD	SL	2A2T	SIL/SN	2	R	30	115	100	10	-5
T 33443	3000	363224	5050	373787	MTD	SL	2A2T	SIL/SN	2	R	15	40	50	13	-5
T 33444	3000	363204	5075	373806	MTD	SL	1T 2A	SIL/SN	3	R	60	220	880	20	-5
T 33445	3000	363187	5100	373819	MTD	SL	2A	SIL/SN	3	R	15	55	40	11	-5
T 33446	3000	363168	5125	373836	MTD	SL	2A	SIL/SN	3	R	30	35	140	13	-5
T 33447	3000	363149	5150	373854	MTD	RC	2A	SIL/SN	3	R	10	40	40	4	-5
T 33448	3000	363135	5175	373874	MTD	RC	2A2T	PEB	3	R	10	15	50	3	-5
T 33449	3000	363118	5200	373894	MTD	RC	3A3T3U	PEB	1	R	5	5	10	12	-5
T 33450	3000	363103	5225	373911	MTD	RC	W 2A	PEB	1	R	-5	15	35	7	-5
T 33451	3000	363086	5250	373928	MTD	SL	2T	SIL/SN	2	R	35	185	130	6	-5
T 33452	3000	363071	5275	373950	MTD	RC	2U3A W	PEB	3	R	10	15	25	8	-5
T 33453	3000	363056	5300	373968	MTD	SLRC	1U3A2A	SIL/SN	3	R	10	10	30	6	-5
T 33454	3000	363040	5325	373987	MTD	RC	2A	PEB	4	R	10	5	10	5	-5
T 33455	3000	363023	5350	374008	MTD	SL	2A2T2U	SIL/SN	4	R	15	35	40	5	-5
T 33456	3000	363007	5375	374029	MTD	SL	2A2T	SIL/SN	5	R	25	30	60	14	-5
T 33457	3000	362989	5400	374052	MTD	SL	2A2T1T	CY/SIL	4	R	10	20	50	11	-5
T 33458	3000	362976	5425	374068	MTD	RC	3A	PEB	2	R	15	45	65	5	-5
T 33459	3000	362963	5450	374086	MTD	RC	2A2T	SIL/SN	3	R	25	30	110	12	-5
T 33460													109		41
T 33461	3000	362945	5475	374108	MTD	SL	2A 2T	SIL/SN	1	R	20	350	140	11	-5
T 33462	3000	362930	5500	374130	MTD	SL	2A 2T	SIL/SN	1	R	30	80	130	16	-5

Laboratory:	ANALAB	ANALAB	ANALAB	ANALAB	BECQ	
Method :	101	101	101	401	INAA30	
Det. Limit:	5.000	5.000	5.000	3.000	5.000	

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PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	NORTH metres	TNORTH metres	EAST metres	TEAST metres	GRID	KIND	COLOUR	COMPOS	SLOPE	SOIL	CU PPM	PB PPM	ZN PPM	SN PPM	AU PPB
T 33463	3000	363568	5525	373384	MTD	RC	2A	PEB	4	R	385	200	150	6	-5
T 33464	3000	363586	5550	373372	MTD	SL	N 2O2T	SIL/SN	4	R	40	5	140	8	-5
T 33465	2600	363277	4575	373150	MTD	RC	2P 2T	PEB	3	R	10	10	70	14	-5
T 33466	2600	363294	4550	373133	MTD	RC	2AN 2T	PEB	3	R	20	10	85	10	-5
T 33467	2600	363313	4525	373115	MTD	SL	2T	CY/SIL	4	R	145	175	570	10	-5
T 33468	2600	363327	4500	373099	MTD	RC	2A3A2T	PEB	4	R	20	95	30	12	-5
T 33469	2600	363260	4475	373167	MTD	SL	2P2T2A	SIL/SN	2	R	15	10	135	-3	-5
T 33470	2600	363245	4450	373189	MTD	RC	2P2A2T	SIL/SN	2	R	195	25	155	11	-5
T 33471	2600	363227	4425	373204	MTD	RC	2T3T3U	PEB	3	R	25	45	90	12	-5
T 33472	2600	363209	4400	373221	MTD	RC	N 2U2T	PEB	3	R	10	10	130	3	-5
T 33473	2600	363190	4375	373238	MTD	RC	2R2T2U	PEB	2	R	195	15	160	8	-5
T 33474	2600	363176	4350	373257	MTD	RC	1U3A2T	PEB	2	R	85	40	150	15	-5
T 33475	2600	363152	4325	373276	MTD	RC	2A3A2T	PEB	1	R	95	20	130	10	-5
T 33476	2600	363136	4300	373294	MTD	SL	2P2T3T	SIL/SN	2	R	25	15	215	13	-5
T 33477	2600	363112	4275	373310	MTD	RC	N 2U2T	PEB	5	R	20	-5	90	7	-5
T 33478	2600	363094	4250	373329	MTD	RC	2P3P2T	PEB	5	R	10	10	105	14	-5
T 33479	2600	363074	4225	373350	MTD	RC	2P	PEB	5	R	15	15	95	8	-5
T 33480													-100		3110
T 33481	2600	363055	4875	373370	MTD	SL	2U 2T	SIL/SN	4	R	40	15	115	16	-5
T 33482	2600	363039	4900	373388	MTD	SL	2A3A2T	SIL/SN	4	R	185	65	65	8	7
T 33483	2600	363023	4925	373407	MTD	SL	3A2A N	SIL/SN	5	R	315	50	55	7	10
T 33484	2600	363004	4950	373427	MTD	RC	3A3T	PEB	3	R	10	-5	20	12	-5
T 33485	2600	362989	4975	373445	MTD	SL	1A2A	CY/SIL	4	R	10	15	15	8	-5
T 33486	2600	362966	5000	373465	MTD	SL	2A3A	CY/SIL	4	R	15	10	15	3	-5
T 33487	2600	362952	5025	373481	MTD	SL	2A3A2T	SIL/SN	1	R	35	15	25	11	-5
T 33488	2600	362936	5050	373502	MTD	SL	2A W	SN/PEB	1	R	10	-5	15	10	-5
T 33489	2600	362922	5075	373521	MTD	SL	W 3A	CY/SIL	1	R	10	5	15	7	-5
T 33490	2600	362904	5100	373542	MTD	RC	3A 3T	PEB	1	R	5	-5	5	6	-5
T 33491	2600	362889	5125	373561	MTD	SL	W 2T	SIL/SN	1	R	5	10	30	12	-5
T 33492	2600	362876	5150	373580	MTD	SL	2A2T2U	SIL/SN	1	R	15	30	50	17	-5
T 33493	2600	362858	5175	373602	MTD	SL	2A3A2T	SIL/SN	1	R	10	15	25	11	-5
T 33494	2600	362842	5200	373622	MTD	SL	2A3A2U	SIL/SN	2	R	5	5	25	10	-5
T 33495	2600	362830	5225	373639	MTD	SL	2A3A1T	SIL/SN	1	R	25	35	60	13	-5
T 33496	2600	362814	5250	373661	MTD	SL	2A	SIL/SN	1	R	15	30	65	12	-5
T 33497	2600	362799	5275	373679	MTD	SL	3A3W	SIL/SN	1	R	5	5	10	10	-5

Laboratory:	ANALAB	ANALAB	ANALAB	ANALAB	BECQ	
Method :	101	101	101	401	INAA30	
Det. Limit:	5.000	5.000	5.000	3.000	5.000	

RGC EXPLORATION PTY.LTD. DATA SHEET

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	NORTH metres	TNORTH metres	EAST metres	TEAST metres	GRID	KIND	COLOUR	COMPOS	SLOPE	SOIL	CU PPM	PB PPM	ZN PPM	SN PPM	AU PPB
T 33498	2600	362780	5300	373697	MTD	SL	2T2A	SIL/SN	1	R	55	170	95	16	-5
T 33499	2600	362764	5325	373714	MTD	RC	2A3A	SIL/SN	1	R	5	20	25	7	-5
T 33500													102	-500	256
T 35201	2600	362745	5350	373735	MTD	SL	2A	SIL/SN	1	R	20	60	106	15	-5
T 35202	2600	362729	5375	373754	MTD	SL	3A3T	SIL/SN	2	R	15	75	-100	11	-5
T 35203	2600	362713	5400	373773	MTD	SL	2A2T	SIL/SN	2	R	35	140	449	7	-5
T 35204	2600	362700	5425	373791	MTD	SL	2A	SIL/SN	3	R	25	25	106	9	-5
T 35205	2600	362684	5450	373809	MTD	RC	2A	SIL/SN	3	R	15	55	104	18	-5
T 35206	2600	362669	5475	373825	MTD	RC	2A	PEB	3	R	20	10	110	14	-5
T 35207	2600	362658	5500	373847	MTD	SL	2A2T	SIL/SN	3	R	45	60	163	6	-5
T 35208	2200	363042	4500	372829	MTD	RC	2A2P2T	PEB	5	R	-5	-5	-100	10	-5
T 35209	2200	363026	4525	372846	MTD	SL	3A3U3T	CY/SIL	5	R	10	15	-100	6	-5
T 35210	2200	363008	4550	372863	MTD	RC	3A2T2U	PEB	5	R	5	10	-100	10	-5
T 35211	2200	362991	4575	372881	MTD	SL	3A3T2A	SIL/SN	4	R	10	10	-100	8	-5
T 35212	2200	362973	4600	372900	MTD	SL	2R2T3T	SN/PEB	3	R	25	10	170	7	-5
T 35213	2200	362954	4625	372917	MTD	RC	2A3A2T	PEB	2	R	10	-5	-100	8	-5
T 35214	2200	362935	4650	372935	MTD	SL	3A3T	CY/SIL	3	R	55	25	-100	8	-5
T 35215	2200	362915	4675	372955	MTD	SL	1U2A3A	SIL/SN	3	R	15	45	-100	9	-5
T 35216	2200	362893	4700	372971	MTD	RC	2A2T	PEB	4	R	10	15	-100	4	-5
T 35217	2200	362875	4725	372990	MTD	SL	2T	CY/SIL	3	R	115	250	464	9	-5
T 35218	2200	362855	4750	373009	MTD	SL	3A3T3U	SIL/SN	4	R	25	135	103	5	-5
T 35219	2200	362834	4775	373025	MTD	SL	2T	CY/SIL	3	R	65	110	498	6	-5
T 35220	2200	362817	4800	373041	MTD	SL	1U2T	SIL/SN	4	R	165	110	1980	-3	-5
T 35221	2200	362801	4825	373056	MTD	RC	2O3T	SIL/SN	4	R	45	15	183	4	-5
T 35222	2200	362782	4850	373078	MTD	SL	3R3U3T	SIL/SN	4	R	35	10	173	4	-5
T 35223	2200	362765	4875	373099	MTD	SL	3A3T3O	SIL/SN	4	R	175	75	287	4	-5
T 35224	2200	362748	4900	373122	MTD	SL	3P3T	SIL/SN	4	R	25	15	102	9	-5
T 35225	2200	362729	4925	373136	MTD	SL	3T3A3U	SIL/SN	2	R	40	10	195	4	-5
T 35226	2200	362708	4950	373153	MTD	RC	2O2R2T	SIL/SN	4	R	30	15	123	-3	-5
T 35227	2200	362689	4975	373176	MTD	SL	2A3A2T	SIL/SN	5	R	140	65	614	-3	-5
T 35228	2200	362673	5000	373196	MTD	SL	3R3T3U	SIL/SN	4	R	65	5	250	9	-5
T 35229	2200	362659	5025	373213	MTD	SL	2A3O3T	SIL/SN	2	R	55	30	429	9	-5
T 35230	2200	362642	5050	373233	MTD	SL	3A2T3T	SIL/SN	3	R	255	190	146	13	10
T 35231	2200	362628	5075	373253	MTD	RC	N/1U1T	PEB	5	R	45	5	202	-3	-5
T 35232	2200	362614	5100	373273	MTD	RC	2A3A2T	PEB	5	R	100	40	-100	4	-5

Laboratory:	ANALAB	ANALAB	ANALAB	ANALAB	BECQ
Method :	101	101	101	401	INAA30
Det. Limit:	5.000	5.000	5.000	3.000	5.000

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	NORTH metres	TNORTH metres	EAST metres	TEAST metres	GRID	KIND	COLOUR	COMPOS	SLOPE	SOIL	CU PPM	PB PPM	ZN PPM	SN PPM	AU PPB
T 35233	2200	362602	5125	373291	MTD	SL	2A3A2T	SIL/SN	3	R	80	25	-100	12	-5
T 35234	2200	362585	5150	373312	MTD	SL	2A3A	SIL/SN	4	R	15	10	-100	7	-5
T 35235	2200	362572	5175	373332	MTD	RC	2A3A2U	PEB	4	R	70	10	-100	8	-5
T 35236	2200	362554	5200	373353	MTD	RC	2T2A3A	PEB	4	R	35	20	113	12	-5
T 35237	2200	362539	5225	373373	MTD	RC	G/2R2T	PEB	5	R	10	10	-100	8	-5
T 35238	2200	362525	5250	373392	MTD	RC	G/1R2A	PEB	3	R	55	85	197	6	-5
T 35239	2200	362512	5275	373414	MTD	RC	N/1A2A	PEB	5	R	55	120	200	6	-5
T 35240	2200	362501	5300	373434	MTD	RC	G/3R1A	PEB	5	R	15	10	-100	8	-5
T 35241	2200	362485	5325	373448	MTD	RC	2A3A1T	PEB	5	R	-5	20	-100	11	-5
T 35242	2200	362470	5350	373470	MTD	RC	1A2T2U	PEB	5	R	30	25	125	10	-5
T 35243	2200	362452	5375	373488	MTD	SL	2A2T3T	SIL/SN	5	R	35	370	109	10	-5
T 35244	2200	362437	5400	373513	MTD	RC	2A2T	PEB	5	R	50	15	118	7	-5
T 35245	2200	362425	5425	373533	MTD	RC	1A2A2T	PEB	5	R	15	10	121	9	-5
T 35246	2200	362410	5450	373550	MTD	RC	2A3A2T	PEB	5	R	40	25	180	8	-5
T 35247	2200	362390	5475	373573	MTD	SL	2A3A2T	SIL/SN	4	R	50	10	187	6	-5
T 35248	2200	362378	5500	373590	MTD	RC	2A3A2T	PEB	4	R	45	15	175	17	-5
T 35249	1800	362711	4500	372535	MTD	SL	2R2T3T	SIL/SN	4	R	75	10	108	14	-5
T 35250	1800	362692	4525	372553	MTD	SL	2A3A3T	SIL/SN	4	R	55	-5	-100	5	-5
T 35251	1800	362671	4550	372572	MTD	RC	2A3A2T	PEB	4	R	15	5	-100	7	-5
T 35252	1800	362655	4575	372593	MTD	SL	2T	SIL/SN	4	R	25	10	100	7	-5
T 35253	1800	362641	4600	372611	MTD	SL	2T3T	SIL/SN	4	R	70	-5	114	8	-5
T 35254	1800	362625	4625	372632	MTD	SL	3A3T2T	SIL/SN	1	R	70	15	100	7	-5
T 35255	1800	362613	4650	372650	MTD	SL	3A3T2T	SIL/SN	1	R	30	10	-100	9	-5
T 35256	1800	362597	4675	372670	MTD	SL	3T2T	SIL/SN	3	R	30	-5	-100	8	-5
T 35257	1800	362579	4700	372692	MTD	RC	2A3A2R	PEB	4	R	-5	-5	-100	10	-5
T 35258	1800	362565	4725	372711	MTD	SL	3A2T3T	SIL/SN	4	R	5	-5	-100	8	-5
T 35259	1800	362551	4750	372730	MTD	SL	3A3T	SIL/SN	5	R	10	-5	-100	17	-5
T 35260													107		383
T 35261	1800	362535	4775	372747	MTD	RC	2A3A	PEB	5	R	-5	-5	-100	5	-5
T 35262	1800	362519	4800	372766	MTD	RC	2U2A2T	PEB	5	R	-5	-5	-100	7	-5
T 35263	1800	362505	4825	372784	MTD	SL	3A2T3T	SIL/SN	5	R	10	-5	114	4	-5
T 35264	1800	362492	4850	372800	MTD	SL	3A2T3T	SIL/SN	5	R	125	-5	124	6	-5
T 35265	1800	362472	4875	372820	MTD	RC	3U3T3A	PEB	5	R	-5	10	-100	8	-5
T 35266	1800	362456	4900	372834	MTD	SL	3A2T3T	SIL/SN	4	R	15	310	-100	7	-5
T 35267	1800	362437	4925	372852	MTD	SL	2T3T	CY/SIL	4	R	55	80	111	6	-5
Laboratory:											ANALAB	ANALAB	ANALAB	ANALAB	BECQ
Method :											101	101	101	401	INAA30
Det. Limit:											5.000	5.000	5.000	3.000	5.000

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	NORTH metres	TNORTH metres	EAST metres	TEAST metres	GRID	KIND	COLOUR	COMPOS	SLOPE	SOIL	CU PPM	PB PPM	ZN PPM	SN PPM	AU PPB
T 35268	1800	362419	4950	372867	MTD	SL	2A3A3T	CY/SIL	4	R	10	20	-100	12	-5
T 35269	1800	362402	4975	372885	MTD	SL	1A2A3A	SIL/SN	5	R	15	135	-100	10	-5
T 35270	1800	362388	5000	372902	MTD	SL	2A3A3T	SIL/SN	5	R	20	30	-100	8	-5
T 35271	1800	362373	5025	372922	MTD	SL	2A3A3T	SIL/SN	5	R	30	20	-100	10	-5
T 35272	1800	362356	5050	372941	MTD	RC	2A2T3T	PEB	5	R	20	-5	-100	8	-5
T 35273	1800	362340	5075	372960	MTD	SL	2A3A3T	CY/SIL	3	R	40	100	150	13	-5
T 35274	1800	362322	5100	372980	MTD	SL	2A3A2T	SIL/SN	4	R	20	95	-100	13	-5
T 35275	1800	362307	5125	372996	MTD	SL	2A3A3T	SN/PEB	4	R	5	35	-100	13	-5
T 35276	1800	362290	5150	373016	MTD	RC	2O2T3U	PEB	5	R	30	30	359	11	-5
T 35277	1800	362270	5175	373027	MTD	RC	2A2T2U	PEB	2	R	5	-5	-100	6	-5
T 35278	1800	362253	5200	373046	MTD	SL	2T	CY/SIL	5	R	145	235	296	6	-5
T 35279	1800	362239	5225	373060	MTD	RC	N 1U2U	PEB	5	R	385	275	582	12	-5
T 35281	1800	362217	5250	373075	MTD	SL	2O3A3T	SIL/SN	5	R	15	10	186	11	-5
T 35282	1800	362197	5275	373094	MTD	SL	2O2T1U	CY/SIL	5	R	120	240	640	13	-5
T 35283	1800	362180	5300	373114	MTD	SL	2R1U2T	SIL/SN	5	R	20	55	138	11	-5
T 35284	1800	362163	5325	373136	MTD	RC	1T2T3T	PEB	5	R	15	95	346	12	-5
T 35285	1800	362149	5350	373151	MTD	SL	2O2A1T	CY/PEB	5	R	60	35	123	8	-5
T 35286	1800	362132	5375	373169	MTD	RC	2A3A2T	PEB	5	R	10	30	132	4	-5
T 35287	1800	362116	5400	373188	MTD	RC	N 1A2A	PEB	5	R	65	120	252	13	-5
T 35288	1800	362102	5425	373205	MTD	RC	N 2A3A	PEB	5	R	40	115	158	10	-5
T 35289	1800	362085	5450	373222	MTD	RC	1U3A2T	PEB	5	R	5	-5	131	10	-5
T 35290	1800	362070	5475	373239	MTD	RC	1A2A2T	PEB	5	R	10	-5	133	13	-5
T 35291	1800	362051	5500	373251	MTD	RC	N 1A1U	PEB	5	R	10	5	144	8	-5
T 35292	1400	362398	4500	372249	MTD	SL	3A3T3U	SIL/SN	4	R	65	5	-100	13	-5
T 35293	1400	362378	4525	372277	MTD	SL	2A3A2T	SIL/SN	4	R	100	5	-100	9	-5
T 35294	1400	362359	4550	372296	MTD	SL	2R2A2T	SIL/SN	5	R	255	-5	-100	11	-5
T 35295	1400	362341	4575	372317	MTD	SL	2T3T2A	SIL/SN	5	R	10	5	-100	3	-5
T 35296	1400	362326	4600	372338	MTD	RC	1T2U2T	PEB	5	R	150	-5	-100	6	-5
T 35297	1400	362312	4625	372358	MTD	RC	2O2T	SIL/SN	5	R	80	-5	140	11	-5
T 35298	1400	362291	4650	372376	MTD	SL	2A3A2T	SIL/SN	4	R	50	10	-100	8	-5
T 35299	1400	362273	4675	372393	MTD	SL	2A3A2T	SIL/SN	4	R	140	5	-100	-3	-5
T 35300													121		51
T 35301	1400	362258	4700	372410	MTD	SL	3U3T3A	SIL/SN	4	R	15	10	-100	7	-5
T 35302	1400	362243	4725	372428	MTD	SL	2A3A2T	SIL/SN	5	R	50	5	-100	7	-5
T 35303	1400	362221	4750	372451	MTD	SL	2U2T3U	SIL/SN	5	R	10	-5	-100	15	-5

Laboratory:	ANALAB	ANALAB	ANALAB	ANALAB	BECQ
Method :	101	101	101	401	INAA30
Det. Limit:	5.000	5.000	5.000	3.000	5.000

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	NORTH metres	TNORTH metres	EAST metres	TEAST metres	GRID	KIND	COLOUR	COMPOS	SLOPE	SOIL	CU PPM	PB PPM	ZN PPM	SN PPM	AU PPB
T 35304	1400	362212	4775	372465	MTD	SL	2A2U2T	CY/SIL	5	R	100	-5	101	11	-5
T 35305	1400	362197	4800	372484	MTD	SL	3A2T3T	SIL/SN	5	R	25	-5	-100	9	-5
T 35306	1400	362180	4825	372505	MTD	RC	1U2U3A	PEB	5	R	5	-5	101	17	-5
T 35307	1400	362166	4850	372526	MTD	RC	1T2T3T	PEB	5	R	5	-5	-100	10	-5
T 35308	1400	362149	4875	372543	MTD	RC	2A1T2T	PEB	5	R	20	-5	112	11	-5
T 35309	1400	362134	4900	372560	MTD	RC	2A3A2U	PEB	5	R	5	5	-100	7	-5
T 35310	1400	362116	4925	372580	MTD	SLRC	2U3A2T	CY/SIL	5	R	15	35	-100	4	-5
T 35311	1400	362097	4950	372603	MTD	RC	N 3A2T	PEB	5	R	10	-5	-100	13	-5
T 35312	1400	362082	4975	372622	MTD	RC	2A3A2U	PEB	5	R	15	-5	-100	15	-5
T 35313	1400	362070	5000	372638	MTD	SL	1UN 2T	CY/SIL	5	R	65	405	-100	13	-5
T 35314	1400	362055	5025	372656	MTD	SL	3A2RN	SIL/SN	5	R	40	120	-100	4	-5
T 35315	1400	362039	5050	372674	MTD	SL	N 1U2A	SIL/SN	5	R	30	370	-100	7	-5
T 35316	1400	362019	5075	372694	MTD	SL	2A3A3T	SIL/SN	5	R	10	15	-100	8	-5
T 35317	1400	362000	5100	372718	MTD	RC	2A3A2U	PEB	5	R	10	-5	-100	7	-5
T 35318	1400	361985	5125	372734	MTD	SL	1UN 1T	SIL/SN	5	R	80	-5	268	4	-5
T 35319	1400	361964	5150	372753	MTD	SL	1A2A3A	SIL/SN	5	R	35	-5	101	9	-5
T 35320													-100		3050
T 35321	1400	361948	5175	372779	MTD	RC	2AN 2U	PEB	5	R	70	-5	137	11	-5
T 35322	1400	361927	5200	372795	MTD	SL	2A3A2T	SIL/SN	5	R	110	100	181	10	-5
T 35323	1400	361909	5225	372812	MTD	SL	2T3T3O	SIL/SN	5	R	45	35	169	12	-5
T 35324	1400	361893	5250	372829	MTD	SL	1A2A3A	SIL/SN	5	R	35	65	127	13	-5
T 35325	1400	361876	5275	372850	MTD	RC	N 2A2T	PEB	5	R	30	205	342	5	-5
T 35326	1400	361857	5300	372867	MTD	RC	W 2A2R	PEB	5	R	5	25	-100	9	-5
T 35327	1400	361835	5325	372882	MTD	SL	N 1U	CY/SIL	5	R	40	490	261	8	-5
T 35328	1400	361814	5350	372897	MTD	SL	1A2A3T	CY/SIL	5	R	50	195	239	4	-5
T 35329	1400	361798	5375	372915	MTD	RC	2A3AN	PEB	5	R	45	30	198	7	-5
T 35330	1400	361781	5400	372938	MTD	RC	2A3T	PEB	5	R	70	15	126	9	-5
T 35331	1400	361763	5425	372958	MTD	RC	2A3A3T	PEB	5	R	55	45	123	12	-5
T 35332	1400	361746	5450	372980	MTD	SL	3A3T3U	SIL/SN	5	R	15	30	-100	5	-5
T 35333	1400	361729	5475	372996	MTD	SL	2A3A3T	SIL/SN	5	R	15	20	-100	7	-5
T 35334	1400	361712	5500	373014	MTD	RC	2A3A	PEB	5	R	35	45	115	10	6

Laboratory:	ANALAB	ANALAB	ANALAB	ANALAB	BECQ
Method :	101	101	101	401	INAA30
Det. Limit:	5.000	5.000	5.000	3.000	5.000

RGC EXPLORATION PTY.LTD. DATA SHEET

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	SB PPM	AS PPM	BA PPM	BR PPM	CE PPM	CS PPM	CR PPM	CO PPM	EU PPM	HF PPM	FE %
T 33218	364139	374531	4.6	10	626	3	89	8	109	3	1	6	1.41
T 33219	364124	374545	3.2	9	550	5	82	7	210	7	1	6	2.36
T 33220			0.4	4	472	-2	85	10	350	33	1	8	5.62
T 33221	364104	374569	2.5	15	374	6	79	5	268	7	0	6	2.86
T 33222	364088	374590	0.9	2	276	2	72	3	82	-1	0	6	0.50
T 33223	364072	374607	3.8	22	559	5	73	8	133	3	0	5	2.99
T 33224	364056	374626	2.1	15	160	5	66	3	572	20	1	5	5.93
T 33225	364039	374644	9.9	29	605	-2	107	10	160	3	1	6	4.00
T 33226	364024	374662	1.6	8	401	-2	73	7	224	27	1	5	5.04
T 33227	364008	374681	12.8	24	567	8	95	9	291	5	1	6	2.54
T 33228	363991	374700	3.0	3	293	7	81	3	325	7	1	6	2.25
T 33229	363975	374720	3.1	18	554	5	51	4	153	8	1	4	3.90
T 33230	363958	374738	3.9	3	836	4	70	9	229	-1	0	6	0.85
T 33231	363942	374757	1.8	5	342	-2	75	5	204	34	1	5	6.17
T 33232	363924	374778	1.5	2	390	6	89	4	198	7	1	6	2.75
T 33233	363908	374796	3.8	9	391	5	83	6	246	14	1	6	3.75
T 33234	363893	374813	2.8	8	454	4	79	5	241	13	1	6	3.78
T 33235	363877	374832	2.3	7	306	5	76	5	373	21	1	6	4.13
T 33236	363861	374851	1.5	18	174	5	48	2	507	5	0	4	2.71
T 33237	363843	374871	2.3	9	658	5	85	5	154	7	1	6	2.93
T 33238	363826	374891	1.9	9	477	8	74	4	253	4	1	6	2.25
T 33239	363811	374908	0.7	5	871	3	94	8	81	6	1	6	2.14
T 33240			-0.2	2	574	-2	63	16	441	22	0	8	4.01
T 33241	364154	374509	10.0	11	640	2	150	10	104	6	1	7	2.26
T 33242	364169	374490	14.9	41	651	13	367	10	1200	20	5	12	10.10
T 33243	364189	374466	17.3	61	380	2	211	8	195	6	3	9	4.63
T 33244	364199	374451	32.7	150	849	3	55	11	284	10	1	4	7.51
T 33245	364215	374428	1.4	2	332	2	55	5	284	19	1	4	4.72
T 33246	364230	374408	38.3	179	199	22	24	3	373	79	0	2	19.40
T 33247	364243	374389	1.3	7	286	2	76	4	343	50	2	7	15.60
T 33248	364256	374371	19.2	65	501	14	46	7	257	88	1	4	11.60
T 33249	364272	374350	2.2	7	443	3	76	7	252	44	2	7	6.29
T 33250	364287	374329	4.9	40	790	-2	70	10	360	34	2	5	11.60
T 33251	364302	374308	2.8	36	896	4	76	11	795	78	2	6	12.70
T 33252	364316	374286	2.5	3	619	-2	58	7	386	26	1	5	6.96

Laboratory:	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	
Method :	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	
Det. Limit:	0.200	2.000	50.000	2.000	5.000	1.000	5.000	1.000	1.000	1.000	0.050	

RGC EXPLORATION PTY.LTD. DATA SHEET

PROJECT: DUNDAS INC. MONTEZUHA

SAMPLE NUMBER	TNORTH metres	TEAST metres	SB PPM	AS PPM	BA PPM	BR PPM	CE PPM	CS PPM	CR PPM	CO PPM	EU PPM	HF PPM	FE %
T 33253	364328	374264	2.6	8	332	3	47	6	358	23	1	4	10.30
T 33254	364340	374245	0.8	3	539	7	38	4	313	110	1	3	10.70
T 33255	364359	374226	1.2	4	231	3	39	4	284	22	1	4	4.99
T 33256	364373	374206	2.5	7	351	5	45	4	418	70	1	4	7.34
T 33257	364388	374185	1.4	7	168	6	34	3	336	15	0	4	5.57
T 33258	364403	374166	4.7	4	852	-2	52	5	316	53	1	3	6.72
T 33259	364418	374143	0.6	-2	435	2	43	2	249	31	1	3	6.29
T 33260			-0.2	3	593	-2	76	9	340	33	1	8	5.52
T 33261	364428	374125	2.7	11	494	5	20	7	165	25	0	1	8.74
T 33262	363828	374299	1.0	-2	491	-2	49	4	266	23	0	5	5.73
T 33263	363814	374319	4.8	10	338	2	112	4	211	6	1	6	1.11
T 33264	363802	374341	7.7	44	310	13	66	5	1030	7	0	3	2.73
T 33265	363792	374362	15.9	25	246	2	29	8	1500	29	0	2	5.81
T 33266	363779	374382	2.6	15	363	2	103	3	74	1	-0	3	0.91
T 33267	363762	374403	2.7	6	188	-2	103	4	19	1	1	4	0.75
T 33268	363745	374420	62.1	81	198	4	528	22	1930	17	12	18	9.37
T 33269	363730	374442	1.7	-2	294	-2	111	5	43	-1	0	6	0.54
T 33270	363716	374464	1.3	5	117	2	57	3	15	2	-0	2	0.94
T 33271	363703	374483	0.9	-2	209	-2	109	4	16	-1	1	4	0.94
T 33272	363689	374506	18.1	15	306	6	67	4	81	7	1	4	5.87
T 33273	363672	374525	2.3	13	374	5	83	5	161	11	1	8	4.93
T 33274	363655	374542	3.1	54	515	18	78	6	132	7	1	5	5.75
T 33275	363640	374565	4.7	22	737	11	80	11	132	13	1	6	4.26
T 33276	363627	374581	6.3	25	712	8	75	8	140	2	1	5	2.51
T 33277	363614	374600	1.3	5	265	29	85	4	143	4	1	6	1.95
T 33278	363600	374623	0.6	-2	215	2	58	2	52	-1	0	5	0.34
T 33279	363600	374623	3.3	10	290	5	73	5	317	13	1	5	5.14
T 33280			-0.2	3	616	-2	77	10	332	31	0	8	5.45
T 33281	363585	374643	2.2	11	412	6	73	5	241	11	1	6	3.99
T 33282	363570	374666	1.8	12	507	12	78	4	199	7	1	6	3.26
T 33283	363556	374681	1.2	9	223	21	51	2	356	19	1	4	6.14
T 33284	363861	374258	3.9	12	366	2	76	6	1030	33	1	4	4.93
T 33285	363877	374242	2.9	10	190	9	7	6	269	117	-0	-1	14.60
T 33286	363895	374224	1.0	4	224	5	2	6	182	73	-0	-1	9.06
T 33287	363913	374209	2.6	9	132	6	27	2	11900	47	0	1	4.68
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			0.200	2.000	50.000	2.000	5.000	1.000	5.000	1.000	1.000	1.000	0.050

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	SB PPM	AS PPM	BA PPM	BR PPM	CE PPM	CS PPM	CR PPM	CO PPM	EU PPM	HF PPM	FE %
T 33288	363929	374187	4.5	26	449	6	14	8	3160	56	-0	1	4.63
T 33289	363945	374169	6.9	29	-100	4	21	3	2240	22	-0	1	3.91
T 33290	363965	374155	3.2	17	407	15	12	3	2170	272	-0	-1	17.30
T 33291	363984	374141	0.9	5	306	2	2	3	128	20	-0	-1	5.13
T 33292	364002	374123	5.6	28	187	9	10	-1	2570	357	-0	-1	25.70
T 33293	364021	374106	4.2	30	329	10	41	-1	1830	601	-0	1	24.30
T 33294	364036	374088	5.9	28	343	13	45	4	2120	124	0	2	7.15
T 33295	364051	374072	7.8	71	264	14	55	4	1360	253	0	3	15.30
T 33296	364069	374053	2.1	10	363	2	73	2	390	57	2	6	10.20
T 33297	364084	374032	5.4	56	261	16	58	2	839	54	1	5	13.10
T 33298	364100	374012	6.6	24	429	2	75	5	1680	46	1	5	5.36
T 33299	364112	373994	2.9	10	382	4	98	4	664	18	1	5	2.66
T 33300			-0.2	3	660	-2	83	9	345	33	1	8	5.50
T 33301	364125	373974	3.8	17	423	4	79	5	1210	19	1	5	3.08
T 33302	364143	373957	2.3	15	228	12	71	2	1010	6	0	4	1.55
T 33303	364161	373939	2.1	14	324	11	82	3	886	5	1	5	1.47
T 33304	364174	373924	2.5	13	206	3	107	5	225	27	3	8	10.20
T 33305	363541	374025	0.8	-2	456	2	53	10	33	-1	-0	6	0.32
T 33306	363525	374045	1.3	-2	535	-2	98	17	8	-1	0	12	0.59
T 33307	363514	374063	1.6	-2	611	-2	146	6	43	-1	1	7	0.40
T 33308	363499	374086	1.5	2	278	3	114	5	49	-1	1	5	0.76
T 33309	363484	374104	3.5	7	227	-2	108	6	31	2	1	5	1.04
T 33310	363466	374121	3.4	7	646	2	173	12	20	1	1	10	0.58
T 33311	363447	374142	4.0	7	-100	2	116	1	21	4	1	4	1.26
T 33312	363431	374161	10.7	34	733	9	94	8	149	21	1	6	4.56
T 33313	363417	374180	2.4	17	693	11	94	9	173	16	1	7	5.47
T 33314	363401	374198	2.4	5	613	2	111	5	27	5	1	7	2.66
T 33315	363383	374216	12.6	58	698	9	94	9	149	42	1	6	4.38
T 33316	363365	374236	4.9	25	639	40	78	7	119	8	1	5	5.79
T 33317	363349	374253	6.1	10	618	6	95	13	129	1	1	7	1.15
T 33318	363332	374272	11.6	70	752	8	79	9	148	17	1	5	7.56
T 33319	363315	374292	5.6	13	637	9	102	7	104	11	1	8	5.07
T 33320			-0.2	3	655	-2	81	10	334	31	0	8	5.38
T 33321	363299	374310	2.4	9	430	20	113	6	75	1	1	7	1.56
T 33322	363283	374327	14.0	62	607	7	64	7	130	5	1	4	4.51
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			0.200	2.000	50.000	2.000	5.000	1.000	5.000	1.000	1.000	1.000	0.050

RGC EXPLORATION PTY.LTD. DATA SHEET

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	SB PPM	AS PPM	BA PPM	BR PPM	CE PPM	CS PPM	CR PPM	CO PPM	EU PPM	HF PPM	FE %
T 33323	363265	374347	3.1	14	816	9	124	7	75	7	1	9	3.05
T 33324	363249	374365	3.9	19	698	18	91	7	127	2	1	5	5.38
T 33325	363231	374387	4.2	34	732	2	98	8	142	156	1	7	5.11
T 33326	363215	374404	2.9	20	766	13	86	8	168	3	1	6	5.90
T 33327	363561	374006	3.6	8	346	4	109	8	250	24	2	7	5.12
T 33328	363579	373988	7.3	60	-100	16	2	-1	3920	146	-0	-1	33.50
T 33329	363596	373971	8.2	5	533	6	84	8	202	8	2	7	4.02
T 33330	363611	373950	2.9	2	248	45	62	4	238	40	2	6	19.90
T 33331	363623	373929	0.3	-2	268	5	79	3	188	25	1	7	8.14
T 33332	363640	373907	1.0	-2	584	6	76	7	108	16	1	4	6.71
T 33333	363658	373887	2.1	-2	606	2	77	3	207	27	2	7	10.10
T 33334	363673	373869	1.4	3	396	5	112	4	187	9	2	8	3.07
T 33335	363689	373852	3.3	2	155	11	133	3	431	26	3	13	4.95
T 33336	363707	373834	8.5	12	417	5	98	6	242	25	2	8	5.48
T 33337	363726	373814	4.4	26	273	-2	86	5	243	38	2	7	8.42
T 33338	363746	373800	5.3	20	302	2	78	5	282	32	3	7	10.00
T 33339	363765	373778	4.2	17	451	2	91	5	497	20	3	8	6.98
T 33340			-0.2	3	693	-2	82	10	346	32	1	8	5.59
T 33341	363782	373756	3.0	34	444	3	89	5	146	5	2	6	6.52
T 33342	363795	373742	5.2	20	428	4	73	6	129	5	1	5	2.70
T 33343	363809	373725	3.6	2	352	9	69	3	153	21	2	6	8.72
T 33344	363826	373705	0.8	-2	456	2	72	6	136	12	2	5	5.23
T 33345	363842	373686	1.7	5	699	2	88	5	106	20	2	4	5.33
T 33346	363859	373665	4.2	14	147	13	62	4	225	16	2	7	6.68
T 33347	363876	373644	1.8	8	207	-2	87	2	159	21	2	8	5.41
T 33348	363625	373351	0.7	3	501	3	72	5	219	44	3	8	9.00
T 33349	363632	373375	1.6	5	538	-2	54	5	137	64	2	5	10.50
T 33350	363638	373398	0.5	4	603	-2	61	3	185	47	2	6	11.00
T 33351	363642	373421	0.8	4	625	-2	63	3	159	60	2	6	11.00
T 33352	363646	373442	7.2	16	431	-2	70	4	143	12	1	6	4.74
T 33353	363652	373465	3.9	50	133	-2	48	3	137	48	1	4	9.27
T 33354	363617	373331	-0.2	-2	398	3	69	4	141	60	2	7	11.80
T 33355	363610	373307	0.8	16	116	3	78	1	168	102	2	5	9.34
T 33356	363604	373284	0.8	-2	507	-2	93	4	132	52	3	7	10.80
T 33357	363598	373264	1.1	9	188	6	54	3	529	56	1	5	9.90
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			0.200	2.000	50.000	2.000	5.000	1.000	5.000	1.000	1.000	1.000	0.050

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	SB PPM	AS PPM	BA PPM	BR PPM	CE PPM	CS PPM	CR PPM	CO PPM	EU PPM	HF PPM	FE %
T 33358	363593	373244	1.5	22	207	15	61	1	167	178	2	5	15.60
T 33359	363587	373222	1.2	11	251	28	66	3	210	22	1	6	7.58
T 33360			-0.2	4	678	-2	83	10	352	34	1	8	5.67
T 33361	363581	373197	15.6	20	517	2	86	10	80	-1	1	6	3.30
T 33362	363573	373175	1.6	5	148	39	61	5	79	1	1	8	1.63
T 33363	363564	373151	3.3	-2	559	3	97	15	80	-1	1	6	0.96
T 33364	363559	373129	2.0	9	530	7	93	13	91	1	1	6	2.40
T 33365	363554	373106	1.2	8	250	67	62	5	324	26	1	7	11.60
T 33366	363550	373082	16.4	230	576	3	89	13	81	2	1	5	2.00
T 33367	363544	373059	24.4	24	504	2	87	10	71	4	1	7	2.67
T 33368	363534	373035	10.7	43	288	20	82	7	71	1	1	10	1.37
T 33369	363528	373014	8.2	26	602	3	72	19	167	11	2	6	11.50
T 33370	363519	372991	2.5	7	490	4	103	13	82	3	1	7	1.21
T 33371	363514	372967	2.0	19	464	-2	79	7	52	6	1	8	3.54
T 33372	363504	372942	42.4	44	545	2	100	10	65	-1	1	7	1.68
T 33373	363497	372921	11.6	45	221	3	86	7	73	10	1	5	4.63
T 33374	363489	372898	2.9	8	621	22	85	13	80	5	1	7	7.11
T 33375	363480	372874	3.3	2	829	-2	92	13	98	6	1	7	3.54
T 33376	363473	372849	1.8	-2	259	2	69	10	85	7	1	11	5.17
T 33377	363468	372825	1.9	9	241	5	118	13	130	-1	2	6	0.93
T 33378	363461	372803	1.6	2	456	18	100	15	120	6	2	5	3.51
T 33379	363455	372777	2.0	-2	545	9	66	8	72	-1	1	8	1.34
T 33380			0.7	35	414	3	92	6	159	63	1	8	8.82
T 33381	363447	372754	10.4	3	287	-2	33	5	47	1	0	12	0.87
T 33382	363439	372730	4.5	8	354	3	198	7	57	10	4	11	3.91
T 33383	363432	372706	1.9	-2	472	2	64	8	65	7	1	9	4.52
T 33384	363423	372684	2.5	-2	496	2	54	7	60	3	0	10	2.61
T 33385	363417	372658	1.7	2	426	16	83	12	96	8	1	5	6.66
T 33386	363409	372633	0.6	-2	299	5	42	5	44	4	0	5	6.16
T 33387	363401	372610	2.1	-2	574	21	85	10	97	4	1	6	8.01
T 33388	363394	372587	1.4	-2	441	2	94	11	102	8	1	9	3.51
T 33389	363387	372562	1.2	2	160	13	93	11	98	4	1	7	4.29
T 33390	363382	372537	1.6	4	402	34	60	10	106	7	1	6	8.08
T 33391	363755	373090	4.4	15	530	3	93	17	86	5	1	6	1.82
T 33392	363761	373114	9.8	3	762	4	119	16	107	-1	1	8	0.75
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			0.200	2.000	50.000	2.000	5.000	1.000	5.000	1.000	1.000	1.000	0.050

15449

RGC EXPLORATION PTY.LTD. DATA SHEET

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	SB PPM	AS PPM	BA PPM	BR PPM	CE PPM	CS PPM	CR PPM	CO PPM	EU PPM	HF PPM	FE %
T 33393	363769	373140	1.9	13	867	2	98	19	78	13	1	6	3.17
T 33394	363775	373160	1.5	22	365	3	114	7	115	15	2	5	7.91
T 33395	363783	373181	1.0	2	579	10	56	5	145	39	1	5	10.50
T 33396	363791	373207	1.2	6	398	9	57	5	136	28	1	6	8.97
T 33397	363796	373231	0.8	3	351	4	59	5	155	51	2	6	11.50
T 33398	363803	373256	3.1	64	-100	2	38	2	242	41	1	4	14.10
T 33399	363812	373278	1.3	5	576	12	76	6	101	28	1	4	8.06
T 33400			0.4	2	491	-2	62	16	440	22	1	8	3.97
T 33401	363814	373305	0.7	-2	195	-2	71	8	309	40	3	9	6.56
T 33402	363820	373330	1.8	4	281	4	74	3	154	54	2	6	10.00
T 33403	363825	373358	0.6	3	294	-2	67	2	163	40	3	6	10.00
T 33404	363832	373380	1.1	13	322	7	54	1	180	44	1	5	9.06
T 33405	363839	373404	0.5	6	358	-2	44	1	235	39	1	5	7.11
T 33406	363849	373429	1.7	20	341	7	58	3	135	31	1	4	6.43
T 33407	363749	373067	2.2	6	636	-2	109	17	70	3	1	7	2.97
T 33408	363745	373042	4.4	13	337	4	83	13	67	2	1	6	1.52
T 33409	363736	373016	9.1	20	208	2	71	6	41	-1	1	6	0.90
T 33410	363732	372990	13.2	48	475	6	115	11	74	1	1	8	1.04
T 33411	363726	372967	2.2	27	788	3	56	5	22	-1	0	5	0.50
T 33412	363718	372941	3.2	16	43800	5	53	4	60	56	0	5	4.24
T 33413	363709	372918	11.7	170	2830	4	44	3	41	126	1	3	22.60
T 33414	363700	372894	7.9	30	825	7	65	10	62	10	0	6	2.93
T 33415	363690	372871	33.4	18	878	14	78	10	66	4	0	5	4.16
T 33416	363685	372843	1.6	5	692	-2	73	11	144	3	1	7	1.89
T 33417	363674	372825	0.9	-2	568	-2	25	2	21	2	-0	8	1.29
T 33418	363661	372801	1.5	-2	446	-2	44	7	61	14	1	9	4.16
T 33419	363652	372776	8.8	13	717	10	52	8	65	11	1	6	5.39
T 33420			0.6	35	318	4	87	6	158	62	1	7	8.65
T 33421	363665	372754	1.1	2	282	13	20	3	32	4	-0	2	1.95
T 33422	363553	373403	0.3	-2	563	2	57	2	146	54	2	6	9.87
T 33423	363537	373425	1.2	3	760	-2	64	4	122	39	2	6	9.76
T 33424	363520	373445	0.6	6	297	4	51	3	151	57	2	5	12.70
T 33425	363505	373466	-0.2	-2	430	2	59	3	137	60	2	5	11.20
T 33426	363489	373486	0.6	20	149	4	50	4	158	64	2	6	12.30
T 33427	363477	373504	-0.2	-2	174	-2	34	1	161	43	1	3	10.10
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			0.200	2.000	50.000	2.000	5.000	1.000	5.000	1.000	1.000	1.000	0.050

013
13141
013

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	SB PPM	AS PPM	BA PPM	BR PPM	CE PPM	CS PPM	CR PPM	CO PPM	EU PPM	HF PPM	FE %
T 33428	363458	373527	0.5	4	253	6	54	-1	322	53	2	6	11.60
T 33429	363442	373545	0.7	-2	158	2	83	12	129	26	2	5	6.25
T 33430	363427	373562	-0.2	2	-100	9	64	1	249	23	2	7	10.80
T 33431	363405	373584	1.2	15	-100	6	74	1	195	39	2	6	10.40
T 33432	363387	373604	0.5	6	-100	2	64	1	305	21	2	8	9.48
T 33433	363371	373622	2.1	19	242	2	92	4	285	1	3	6	3.80
T 33434	363355	373641	-0.2	-2	281	2	87	6	222	5	2	8	2.49
T 33435	363339	373659	0.4	3	264	3	80	3	228	13	2	7	6.43
T 33436	363323	373677	2.0	10	438	2	67	6	112	2	1	5	2.92
T 33437	363306	373692	3.7	18	264	2	52	4	143	4	1	6	5.95
T 33438	363288	373712	3.5	21	-100	13	14	2	1470	129	0	1	22.80
T 33439	363272	373732	3.9	9	184	-2	89	2	26	2	1	6	1.11
T 33440			-0.2	4	719	-2	78	11	348	32	1	8	5.57
T 33441	363256	373753	1.0	-2	380	-2	112	4	23	1	1	6	0.68
T 33442	363241	373768	3.0	8	463	5	76	7	126	4	1	6	3.02
T 33443	363224	373787	1.4	2	607	7	79	6	110	2	1	5	2.14
T 33444	363204	373806	8.1	18	393	7	67	11	335	12	1	5	5.73
T 33445	363187	373819	1.6	-2	606	4	84	7	149	2	1	5	1.85
T 33446	363168	373836	5.8	28	757	6	77	8	126	8	0	5	1.71
T 33447	363149	373854	1.0	2	821	4	115	7	76	1	1	8	1.76
T 33448	363135	373874	2.0	6	560	3	82	7	124	4	1	6	2.44
T 33449	363118	373894	0.7	-2	352	2	119	3	21	-1	0	5	0.48
T 33450	363103	373911	1.0	-2	273	3	108	2	25	-1	1	8	0.89
T 33451	363086	373928	1.4	-2	138	6	65	-1	32	-1	1	8	2.01
T 33452	363071	373950	0.6	-2	263	3	114	2	32	-1	1	9	0.53
T 33453	363056	373968	0.8	-2	605	3	109	2	38	-1	1	10	1.29
T 33454	363040	373987	1.1	-2	556	2	57	6	115	-1	1	4	0.76
T 33455	363023	374008	2.8	13	551	6	84	7	145	4	1	7	2.56
T 33456	363007	374029	4.9	11	451	5	95	11	164	3	1	7	2.27
T 33457	362989	374052	1.9	6	351	11	88	4	70	4	1	6	2.63
T 33458	362976	374068	1.9	9	482	-2	103	3	25	33	0	7	2.25
T 33459	362963	374086	1.4	7	499	-2	101	5	107	7	1	8	4.43
T 33460			0.2	2	467	-2	60	16	422	21	0	7	3.90
T 33461	362945	374108	2.7	4	553	10	78	5	100	2	1	7	3.13
T 33462	362930	374130	2.1	8	623	5	81	7	160	2	1	6	4.60

Laboratory:	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:	0.200	2.000	50.000	2.000	5.000	1.000	5.000	1.000	1.000	1.000	0.050

12710
12711

PROJECT: DUNDAS INC. MONTEZUHA

SAMPLE NUMBER	TNORTH metres	TEAST metres	SB PPM	AS PPM	BA PPM	BR PPM	CE PPM	CS PPM	CR PPM	CO PPM	EU PPM	HF PPM	FE %
T 33463	363568	373384	1.6	23	166	4	52	1	257	133	1	7	8.81
T 33464	363586	373372	0.6	2	256	7	53	3	155	68	2	6	11.10
T 33465	363277	373150	2.0	-2	838	2	86	11	107	15	1	5	5.63
T 33466	363294	373133	0.7	-2	555	2	62	7	173	19	2	5	6.67
T 33467	363313	373115	2.6	47	420	16	32	7	153	22	1	3	8.25
T 33468	363327	373099	13.1	4	549	-2	92	14	79	2	1	6	1.37
T 33469	363260	373167	1.0	2	1560	6	63	3	84	35	2	4	8.29
T 33470	363245	373189	0.3	-2	230	-2	44	5	247	46	1	5	4.22
T 33471	363227	373204	3.1	6	2020	4	76	7	460	25	2	7	6.59
T 33472	363209	373221	0.4	-2	1240	4	59	5	181	32	1	7	7.13
T 33473	363190	373238	1.9	8	1130	2	78	6	150	30	2	6	8.11
T 33474	363176	373257	5.7	15	1490	5	96	5	156	13	2	7	6.02
T 33475	363152	373276	1.0	5	957	4	73	6	103	20	1	4	7.10
T 33476	363136	373294	1.1	-2	1020	5	63	6	143	29	1	6	9.43
T 33477	363112	373310	0.4	-2	459	3	86	5	105	17	3	7	6.03
T 33478	363094	373329	0.6	-2	247	-2	60	3	179	24	2	6	9.85
T 33479	363074	373350	0.6	-2	387	3	73	3	146	23	2	6	9.85
T 33480			0.5	36	257	3	94	6	155	63	1	7	8.82
T 33481	363055	373370	0.8	7	204	8	66	2	233	33	2	7	11.60
T 33482	363039	373388	2.0	13	650	3	77	8	384	14	2	7	3.06
T 33483	363023	373407	1.8	46	413	2	41	5	89	22	1	3	10.80
T 33484	363004	373427	0.3	-2	1440	-2	66	4	183	3	2	6	2.67
T 33485	362989	373445	1.1	6	378	4	98	3	33	2	1	5	0.76
T 33486	362966	373465	0.9	-2	709	2	99	2	7	-1	0	5	0.81
T 33487	362952	373481	0.9	13	651	3	80	6	154	3	1	5	2.97
T 33488	362936	373502	0.6	2	499	-2	70	3	24	1	1	5	1.32
T 33489	362922	373521	1.1	-2	144	-2	80	2	140	-1	0	3	0.45
T 33490	362904	373542	0.9	-2	312	-2	81	3	45	-1	0	3	0.38
T 33491	362889	373561	1.9	4	134	-2	38	5	11	-1	-0	2	0.77
T 33492	362876	373580	2.3	2	516	11	86	5	96	2	1	6	1.64
T 33493	362858	373602	2.1	5	604	6	118	4	60	1	1	7	1.21
T 33494	362842	373622	1.1	3	601	3	144	7	23	-1	1	8	0.84
T 33495	362830	373639	1.8	9	659	16	81	5	150	3	1	5	3.85
T 33496	362814	373661	0.8	3	690	10	89	5	137	5	1	5	2.61
T 33497	362799	373679	0.8	-2	406	6	68	1	33	-1	1	9	0.53
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			0.200	2.000	50.000	2.000	5.000	1.000	5.000	1.000	1.000	1.000	0.050

RGC EXPLORATION PTY.LTD. DATA SHEET

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	SB PPM	AS PPM	BA PPM	BR PPM	CE PPM	CS PPM	CR PPM	CO PPM	EU PPM	HF PPM	FE %
T 33498	362780	373697	6.8	10	765	9	77	9	166	5	1	6	2.54
T 33499	362764	373714	1.1	-2	539	2	88	2	39	1	1	6	1.00
T 33500			-0.2	3	601	-2	76	9	331	32	1	8	5.31
T 35201	362745	373735	1.7	10	750	2	82	6	185	2	1	6	2.02
T 35202	362729	373754	1.1	2	1160	4	167	5	27	-1	2	12	1.11
T 35203	362713	373773	3.5	24	840	3	91	5	58	6	1	7	3.58
T 35204	362700	373791	1.4	2	885	4	87	6	161	3	1	6	1.69
T 35205	362684	373809	1.5	7	781	4	99	6	90	2	1	7	2.17
T 35206	362669	373825	0.9	6	495	-2	88	4	83	6	1	5	3.41
T 35207	362658	373847	2.8	7	597	3	93	6	118	6	1	7	3.21
T 35208	363042	372829	1.1	-2	488	2	76	10	82	12	1	7	4.77
T 35209	363026	372846	1.2	2	279	19	86	9	72	1	1	7	1.69
T 35210	363008	372863	1.1	-2	512	6	78	7	76	1	1	7	1.48
T 35211	362991	372881	1.3	2	402	6	81	11	93	7	1	8	4.30
T 35212	362973	372900	3.0	5	472	3	91	13	72	20	1	6	6.60
T 35213	362954	372917	0.6	3	425	-2	101	11	63	2	1	8	2.20
T 35214	362935	372935	1.9	16	454	2	88	20	74	1	1	6	4.83
T 35215	362915	372955	0.7	5	394	4	95	9	89	3	1	7	2.63
T 35216	362893	372971	0.4	3	145	3	66	3	24	41	0	10	1.65
T 35217	362875	372990	2.4	20	345	15	48	12	231	46	1	4	9.83
T 35218	362855	373009	1.6	8	570	9	100	12	77	12	1	7	1.98
T 35219	362834	373025	1.2	5	260	31	40	17	539	50	1	3	9.79
T 35220	362817	373041	0.9	11	377	16	25	5	156	105	1	2	28.50
T 35221	362801	373056	1.0	3	650	12	57	12	267	54	2	7	10.20
T 35222	362782	373078	0.7	-2	753	6	79	7	107	37	2	7	10.50
T 35223	362765	373099	0.9	7	554	4	62	7	306	47	2	7	12.00
T 35224	362748	373122	0.6	2	588	14	52	9	137	6	1	4	5.11
T 35225	362729	373136	-0.2	-2	383	13	76	7	94	29	2	6	11.60
T 35226	362708	373153	0.4	3	109	16	47	3	71	16	1	4	6.69
T 35227	362689	373176	3.4	22	-100	4	89	2	177	72	3	5	20.50
T 35228	362673	373196	-0.2	6	230	5	34	7	143	40	1	4	10.80
T 35229	362659	373213	0.9	9	-100	5	24	2	79	75	1	1	21.80
T 35230	362642	373233	1.0	52	549	12	85	3	305	10	1	6	8.83
T 35231	362628	373253	-0.2	-2	887	5	55	3	316	27	1	6	7.52
T 35232	362614	373273	0.3	4	643	-2	52	6	72	17	1	4	6.85
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			0.200	2.000	50.000	2.000	5.000	1.000	5.000	1.000	1.000	1.000	0.050

RGC EXPLORATION PTY.LTD. DATA SHEET

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	SB PPM	AS PPM	BA PPM	BR PPM	CE PPM	CS PPM	CR PPM	CO PPM	EU PPM	HF PPM	FE %
T 35233	362602	373291	1.8	12	1470	3	70	9	158	7	1	5	4.73
T 35234	362585	373312	1.1	2	682	5	101	6	28	-1	1	7	0.59
T 35235	362572	373332	1.6	8	629	6	68	8	148	3	0	4	5.14
T 35236	362554	373353	3.1	11	220	6	59	3	172	23	1	6	8.12
T 35237	362539	373373	1.9	6	227	2	64	5	202	27	1	5	6.45
T 35238	362525	373392	3.4	8	197	5	38	2	136	21	1	4	6.55
T 35239	362512	373414	4.2	10	519	2	83	13	146	25	1	5	3.91
T 35240	362501	373434	1.6	-2	315	-2	107	6	15	3	0	4	1.13
T 35241	362485	373448	1.1	3	299	2	90	3	12	1	0	4	0.92
T 35242	362470	373470	1.2	6	544	2	92	8	183	11	1	6	4.34
T 35243	362452	373488	4.7	15	554	29	82	9	162	11	1	5	4.67
T 35244	362437	373513	1.5	7	513	-2	81	7	119	14	1	6	4.14
T 35245	362425	373533	0.9	5	809	-2	88	7	156	15	1	6	4.80
T 35246	362410	373550	3.5	18	489	4	84	6	180	8	1	6	5.50
T 35247	362390	373573	2.3	12	624	9	66	6	167	6	0	5	5.64
T 35248	362378	373590	1.1	9	663	4	102	6	167	9	1	6	4.30
T 35249	362711	372535	1.5	3	622	29	108	13	117	6	2	6	4.42
T 35250	362692	372553	1.2	3	342	14	81	10	77	13	1	7	3.65
T 35251	362671	372572	0.7	-2	705	-2	44	4	42	2	0	11	1.33
T 35252	362655	372593	1.2	2	568	3	109	12	110	2	1	6	2.93
T 35253	362641	372611	1.7	4	437	3	106	12	129	10	1	6	5.46
T 35254	362625	372632	4.2	5	423	6	105	13	110	2	1	5	3.70
T 35255	362613	372650	1.6	2	511	4	88	10	83	6	1	6	3.24
T 35256	362597	372670	1.5	-2	626	2	71	12	112	3	1	5	2.67
T 35257	362579	372692	1.2	-2	618	2	62	9	113	13	1	7	3.65
T 35258	362565	372711	3.4	4	624	3	72	9	96	5	1	6	2.42
T 35259	362551	372730	2.1	2	734	10	68	7	75	5	1	7	3.97
T 35260			-0.2	3	604	-2	77	10	328	32	1	7	5.27
T 35261	362535	372747	1.8	-2	1690	-2	105	15	125	3	1	13	2.82
T 35262	362519	372766	1.5	2	990	-2	56	11	83	4	0	10	2.82
T 35263	362505	372784	2.2	2	750	10	69	12	72	13	1	5	5.39
T 35264	362492	372800	2.2	3	475	-2	90	12	106	17	1	5	6.75
T 35265	362472	372820	2.1	-2	916	6	58	7	53	1	0	7	1.64
T 35266	362456	372834	18.6	18	755	7	96	10	90	24	1	7	5.27
T 35267	362437	372852	12.0	19	460	7	70	12	82	25	1	6	5.35
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			0.200	2.000	50.000	2.000	5.000	1.000	5.000	1.000	1.000	1.000	0.050

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	SB PPM	AS PPM	BA PPM	BR PPM	CE PPM	CS PPM	CR PPM	CO PPM	EU PPM	HF PPM	FE %
T 35268	362419	372867	3.2	5	1190	4	90	13	64	-1	1	6	0.82
T 35269	362402	372885	19.3	14	1280	2	102	11	88	-1	1	5	0.86
T 35270	362388	372902	6.0	18	592	-2	73	9	72	-1	0	5	1.85
T 35271	362373	372922	2.6	12	527	-2	88	11	65	3	1	6	1.75
T 35272	362356	372941	0.4	3	149	-2	29	6	16	6	0	5	3.08
T 35273	362340	372960	14.6	26	380	2	74	15	97	10	1	6	4.03
T 35274	362322	372980	20.0	19	447	-2	85	11	71	-1	1	5	1.58
T 35275	362307	372996	13.9	9	577	4	93	12	67	-1	1	8	0.94
T 35276	362290	373016	3.3	16	-100	10	43	9	972	59	1	5	9.80
T 35277	362270	373027	1.4	-2	438	-2	83	5	11	1	0	3	2.13
T 35278	362253	373046	46.7	34	224	68	55	16	157	81	2	5	11.30
T 35279	362239	373060	17.5	17	189	9	61	4	427	189	1	6	11.40
T 35281	362217	373075	7.0	3	412	6	47	7	237	12	2	6	8.80
T 35282	362197	373094	174.0	27	299	73	56	7	110	97	2	5	11.50
T 35283	362180	373114	31.1	9	619	39	59	8	112	21	1	5	9.58
T 35284	362163	373136	55.2	45	561	7	75	5	368	47	2	8	12.30
T 35285	362149	373151	3.9	10	441	39	83	11	113	5	1	5	4.42
T 35286	362132	373169	2.7	7	416	4	100	10	138	4	1	6	4.39
T 35287	362116	373188	2.4	11	362	-2	106	8	117	26	2	5	5.49
T 35288	362102	373205	4.5	12	298	8	97	9	60	41	1	6	5.72
T 35289	362085	373222	1.8	4	443	3	82	5	22	11	1	5	5.00
T 35290	362070	373239	6.0	11	482	-2	79	10	117	20	1	5	3.51
T 35291	362051	373251	1.4	7	497	-2	68	8	132	20	0	4	3.99
T 35292	362398	372249	10.2	56	267	18	76	8	83	8	1	5	5.21
T 35293	362378	372277	7.7	40	305	6	62	5	53	19	1	3	4.56
T 35294	362359	372296	3.4	67	426	9	78	10	74	10	1	5	5.27
T 35295	362341	372317	3.4	5	427	19	88	9	98	1	1	7	3.79
T 35296	362326	372338	2.1	16	474	5	26	2	18	15	-0	3	5.56
T 35297	362312	372358	18.1	10	1320	7	90	11	130	35	1	6	8.11
T 35298	362291	372376	7.8	10	1340	21	74	8	90	4	1	5	3.67
T 35299	362273	372393	2.1	22	413	17	87	10	103	10	1	5	6.71
T 35300			0.3	2	438	-2	58	15	419	22	0	8	3.93
T 35301	362258	372410	1.6	3	407	12	106	9	108	2	1	6	4.38
T 35302	362243	372428	0.9	14	967	21	75	8	79	7	1	4	5.01
T 35303	362221	372451	2.4	-2	364	-2	98	12	119	5	1	5	5.15
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			0.200	2.000	50.000	2.000	5.000	1.000	5.000	1.000	1.000	1.000	0.050

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	SB PPM	AS PPM	BA PPM	BR PPM	CE PPM	CS PPM	CR PPM	CO PPM	EU PPM	HF PPM	FE %
T 35304	362212	372465	2.2	9	422	70	82	18	103	55	2	5	5.96
T 35305	362197	372484	5.2	22	333	17	82	12	100	12	1	5	5.56
T 35306	362180	372505	1.2	3	532	-2	93	12	116	4	2	6	4.13
T 35307	362166	372526	2.1	2	407	3	83	7	77	1	1	6	2.39
T 35308	362149	372543	1.5	4	602	-2	82	9	100	18	1	5	4.81
T 35309	362134	372560	1.3	4	387	-2	39	4	49	3	0	10	1.53
T 35310	362116	372580	3.3	30	579	38	65	11	78	16	1	9	2.45
T 35311	362097	372603	0.9	11	599	-2	87	7	108	11	1	5	2.54
T 35312	362082	372622	2.1	3	1100	-2	114	8	107	7	1	5	3.82
T 35313	362070	372638	18.2	75	192	95	90	27	84	97	1	6	5.23
T 35314	362055	372656	16.7	45	233	50	85	20	97	41	1	5	8.98
T 35315	362039	372674	17.4	60	379	44	99	18	62	112	1	6	6.04
T 35316	362019	372694	3.8	12	486	3	110	12	64	2	1	9	1.55
T 35317	362000	372718	1.8	4	-100	-2	55	1	21	6	0	9	3.60
T 35318	361985	372734	5.9	25	358	9	68	15	140	87	1	5	9.77
T 35319	361964	372753	1.3	11	474	8	85	10	85	56	1	6	4.79
T 35320			0.6	35	271	3	92	7	156	63	1	7	8.63
T 35321	361948	372779	1.1	7	137	-2	87	1	489	38	2	10	9.45
T 35322	361927	372795	10.3	15	193	32	72	6	176	17	2	6	8.49
T 35323	361909	372812	5.3	9	223	6	76	7	275	29	1	7	6.59
T 35324	361893	372829	9.4	13	201	35	82	14	213	20	1	7	6.15
T 35325	361876	372850	10.0	12	188	5	78	6	211	44	1	7	6.70
T 35326	361857	372867	5.1	9	132	-2	29	2	20	2	0	5	0.99
T 35327	361835	372882	41.5	55	539	34	82	34	73	57	2	6	5.91
T 35328	361814	372897	16.3	27	650	31	88	13	87	24	1	4	4.41
T 35329	361798	372915	3.3	7	393	-2	103	7	84	16	1	5	4.97
T 35330	361781	372938	6.0	11	412	2	93	9	84	15	1	4	4.66
T 35331	361763	372958	3.0	13	921	6	99	11	104	17	1	5	4.10
T 35332	361746	372980	2.1	10	557	19	108	11	84	3	1	5	2.35
T 35333	361729	372996	2.0	10	423	10	90	8	100	4	1	6	2.28
T 35334	361712	373014	1.7	11	591	-2	81	6	115	18	1	5	3.88

Laboratory:	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:	0.200	2.000	50.000	2.000	5.000	1.000	5.000	1.000	1.000	1.000	0.050

RGC EXPLORATION PTY.LTD. DATA SHEET

30/ 7/91

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	IR PPB	LA PPM	LU PPM	MO PPM	RB PPM	AG PPM	SC PPM	SM PPM	TA PPM	TH PPM	W PPM	U PPM	YB PPM
T 33218	364139	374531	-20	46.7	0.7	-5	169	3	14.9	7.8	1	17.5	30	3	3.6
T 33219	364124	374545	-20	41.8	0.7	-5	145	2	17.5	7.9	1	15.8	31	2	3.5
T 33220			-20	45.6	0.6	-5	117	1	13.2	9.1	2	17.7	7	-2	3.1
T 33221	364104	374569	-20	41.4	0.6	-5	133	2	16.8	7.6	2	14.5	4	2	3.2
T 33222	364088	374590	-20	37.3	0.6	-5	80	1	9.2	6.7	1	12.8	13	-2	2.9
T 33223	364072	374607	-20	36.6	0.6	-5	187	3	17.0	7.0	-1	12.7	5	2	3.1
T 33224	364056	374626	-20	33.2	0.5	-5	67	1	18.8	6.8	1	9.2	8	-2	2.6
T 33225	364039	374644	-20	56.4	0.7	-5	209	4	23.0	9.2	1	18.3	3	4	3.4
T 33226	364024	374662	-20	36.7	0.6	-5	266	2	21.4	7.6	1	11.9	2	-2	2.9
T 33227	364008	374681	-20	50.9	0.6	-5	206	3	24.1	8.4	1	15.9	4	5	2.9
T 33228	363991	374700	-20	41.8	0.5	-5	85	1	11.7	7.1	-1	12.4	3	-2	2.7
T 33229	363975	374720	-20	27.2	0.4	-5	148	2	26.8	5.4	-1	6.3	3	-2	1.9
T 33230	363958	374738	-20	37.2	0.5	-5	225	4	21.3	5.9	1	10.1	3	-2	2.6
T 33231	363942	374757	-20	39.3	0.7	-5	111	2	21.0	7.9	1	12.0	3	-2	3.3
T 33232	363924	374778	-20	46.8	0.6	-5	117	2	16.9	8.4	1	13.3	-2	-2	3.2
T 33233	363908	374796	-20	43.7	0.6	-5	135	2	19.0	7.9	1	13.9	2	-2	2.9
T 33234	363893	374813	-20	41.8	0.5	-5	123	2	18.4	7.5	1	13.5	15	3	3.0
T 33235	363877	374832	-20	38.8	0.6	-5	90	1	16.1	7.3	-1	11.2	7	-2	2.8
T 33236	363861	374851	-20	25.5	0.3	-5	57	1	10.5	4.5	-1	6.0	6	-2	1.6
T 33237	363843	374871	-20	44.4	0.6	-5	102	1	15.4	8.0	2	15.4	3	-2	3.1
T 33238	363826	374891	-20	39.0	0.5	-5	88	2	14.1	6.9	-1	11.6	5	-2	2.6
T 33239	363811	374908	-20	51.5	0.7	-5	110	2	14.6	8.1	1	19.6	-2	3	3.4
T 33240			-20	34.6	0.4	-5	199	1	11.1	7.3	3	13.8	3	3	2.2
T 33241	364154	374509	-20	80.7	0.7	-5	142	3	7.4	11.0	2	26.1	6	5	3.8
T 33242	364169	374490	-20	177.0	0.5	-5	171	3	30.9	29.5	1	36.6	-2	2	2.8
T 33243	364189	374466	-20	111.0	0.7	-5	137	2	20.6	17.5	1	24.8	9	5	3.3
T 33244	364199	374451	-20	26.1	0.6	-5	140	2	26.4	6.1	1	6.2	8	3	3.2
T 33245	364215	374428	-20	27.9	0.6	-5	131	2	36.6	5.6	1	6.3	5	-2	3.2
T 33246	364230	374408	-20	10.9	0.2	-5	54	0	10.4	2.6	-1	3.1	2	-2	1.3
T 33247	364243	374389	-20	36.8	0.7	-5	65	0	37.9	10.9	3	6.4	-2	-2	3.8
T 33248	364256	374371	-20	22.0	0.4	-5	81	1	20.5	5.1	1	5.1	-2	-2	2.3
T 33249	364272	374350	-20	36.0	0.7	-5	100	1	30.8	9.5	2	7.6	-2	-2	3.9
T 33250	364287	374329	-20	32.4	0.6	-5	91	1	34.3	9.0	2	6.0	-2	-2	3.1
T 33251	364302	374308	-20	32.7	0.7	-5	116	1	45.2	10.4	3	8.3	-2	-2	3.6
T 33252	364316	374286	-20	26.7	0.5	-5	115	1	33.2	5.6	-1	6.5	-2	-2	2.8
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			20.000	0.500	0.100	5.000	20.000	5.000	0.100	0.100	1.000	0.500	2.000	2.000	0.500

RGC EXPLORATION PTY.LTD. DATA SHEET

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	IR PPB	LA PPM	LU PPM	MO PPM	RB PPM	AG PPM	SC PPM	SM PPM	TA PPM	TH PPM	W PPM	U PPM	YB PPM
T 33253	364328	374264	-20	22.1	0.5	-5	73	1	34.3	5.9	1	5.8	-2	-2	2.8
T 33254	364340	374245	-20	16.3	0.3	-5	84	1	26.4	5.0	1	4.4	-2	-2	2.0
T 33255	364359	374226	-20	18.9	0.5	-5	62	1	20.7	4.9	-1	7.0	-2	-2	2.4
T 33256	364373	374206	-20	21.1	0.4	-5	48	1	30.5	5.8	1	5.1	-2	-2	2.5
T 33257	364388	374185	-20	16.2	0.3	-5	47	0	12.6	3.6	1	4.8	3	-2	1.9
T 33258	364403	374166	-20	27.8	0.5	-5	125	2	24.6	6.2	1	7.2	-2	-2	2.3
T 33259	364418	374143	-20	23.1	0.5	-5	46	0	24.0	5.4	-1	5.6	3	-2	2.1
T 33260			-20	45.1	0.6	-5	90	1	12.9	8.7	2	17.1	5	2	2.9
T 33261	364428	374125	-20	10.1	0.6	-5	71	1	38.6	2.5	-1	3.1	-2	-2	2.8
T 33262	363828	374299	-20	25.1	0.5	-5	90	1	28.4	5.9	1	7.3	-2	-2	2.6
T 33263	363814	374319	-20	63.5	0.7	-5	120	2	7.4	9.0	1	20.9	-2	4	3.2
T 33264	363802	374341	-20	37.3	0.5	-5	92	1	10.3	5.0	1	11.6	-2	-2	2.1
T 33265	363792	374362	-20	15.5	0.7	-5	83	1	37.3	3.4	-1	5.6	-2	-2	3.1
T 33266	363779	374382	-20	59.2	0.6	-5	97	2	2.6	6.9	1	27.8	-2	2	2.7
T 33267	363762	374403	-20	58.2	0.6	-5	124	2	2.4	7.9	1	23.2	2	3	2.7
T 33268	363745	374420	-20	288.0	1.0	-5	153	2	57.3	56.1	1	49.4	-2	-2	3.8
T 33269	363730	374442	-20	65.0	0.7	-5	150	3	5.8	6.1	1	22.8	2	6	3.2
T 33270	363716	374464	-20	32.5	0.3	-5	64	1	1.1	4.5	-1	12.0	-2	2	1.5
T 33271	363703	374483	-20	63.8	0.5	-5	105	2	1.8	7.1	1	25.0	2	-2	2.4
T 33272	363689	374506	-20	37.5	0.7	-5	79	1	11.9	6.9	2	11.8	-2	4	3.6
T 33273	363672	374525	-20	45.3	0.7	-5	110	1	15.2	8.5	-1	13.8	2	-2	3.2
T 33274	363655	374542	-20	42.1	0.6	-5	160	2	19.1	7.6	1	13.1	-2	2	3.1
T 33275	363640	374565	-20	42.9	0.6	-5	186	3	19.6	7.6	1	13.8	-2	-2	2.6
T 33276	363627	374581	-20	40.4	0.6	-5	183	3	17.1	7.4	1	13.1	-2	2	2.7
T 33277	363614	374600	-20	46.5	0.6	-5	76	1	13.3	8.3	1	11.9	3	-2	2.9
T 33278	363600	374623	-20	32.5	0.5	-5	47	1	7.1	5.8	1	11.2	2	-2	2.4
T 33279	363600	374623	-20	40.0	0.6	-5	120	1	20.1	7.8	1	12.3	-2	3	2.9
T 33280			-20	44.0	0.6	-5	110	1	12.6	8.5	1	17.0	6	2	2.7
T 33281	363585	374643	-20	40.1	0.6	-5	118	2	16.9	7.5	1	13.2	-2	-2	2.9
T 33282	363570	374666	-20	41.8	0.6	-5	88	1	13.6	7.3	-1	13.6	-2	-2	2.7
T 33283	363556	374681	-20	26.9	0.5	-5	61	0	21.5	5.4	1	7.6	-2	-2	2.3
T 33284	363861	374258	-20	42.3	0.6	-5	116	2	29.2	6.9	2	14.0	-2	-2	2.8
T 33285	363877	374242	-20	3.2	0.3	-5	90	1	47.1	1.6	-1	0.7	-2	-2	1.8
T 33286	363895	374224	-20	1.3	0.3	-5	79	1	48.2	1.1	-1	0.8	-2	-2	1.8
T 33287	363913	374209	-20	13.6	0.3	-5	25	0	23.5	2.4	-1	4.9	-2	-2	1.0
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			20.000	0.500	0.100	5.000	20.000	5.000	0.100	0.100	1.000	0.500	2.000	2.000	0.500

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	IR PPB	LA PPM	LU PPM	MO PPM	RB PPM	AG PPM	SC PPM	SH PPM	TA PPM	TH PPM	W PPM	U PPM	YB PPM
T 33288	363929	374187	-20	7.6	-0.2	-5	127	2	37.3	1.3	-1	2.9	-2	-2	0.5
T 33289	363945	374169	-20	12.3	-0.2	-5	41	0	12.7	2.0	-1	4.9	-2	-2	0.8
T 33290	363965	374155	-20	5.7	-0.2	-5	69	1	27.8	1.4	-1	2.2	-2	-2	1.1
T 33291	363984	374141	-20	0.7	0.3	-5	71	1	41.1	0.8	-1	-0.5	-2	-2	1.8
T 33292	364002	374123	-20	4.9	-0.2	-5	52	-0	4.3	1.0	-1	2.5	-2	-2	-0.5
T 33293	364021	374106	-20	20.4	-0.2	-5	76	0	6.9	2.9	-1	6.0	-2	-2	0.8
T 33294	364036	374088	-20	22.3	0.3	-5	87	1	11.8	3.0	-1	10.1	-2	2	1.4
T 33295	364051	374072	-20	27.6	0.3	-5	104	1	13.1	5.2	1	8.3	-2	-2	1.7
T 33296	364069	374053	-20	38.5	0.7	-5	134	2	26.5	10.2	2	9.3	-2	-2	3.8
T 33297	364084	374032	-20	30.9	0.5	-5	93	1	14.5	6.4	1	8.8	-2	-2	2.4
T 33298	364100	374012	-20	37.6	0.5	-5	79	2	19.8	7.2	1	12.6	-2	-2	2.8
T 33299	364112	373994	-20	52.1	0.6	-5	88	2	11.9	7.8	1	19.3	-2	-2	3.1
T 33300			-20	44.6	0.6	-5	111	1	13.0	8.8	1	17.1	6	2	2.9
T 33301	364125	373974	-20	40.5	0.5	-5	90	1	16.1	7.2	1	14.2	-2	-2	2.8
T 33302	364143	373957	-20	38.4	0.5	-5	59	1	6.5	5.9	1	11.8	-2	-2	2.3
T 33303	364161	373939	-20	44.3	0.5	-5	64	1	7.4	7.1	2	12.8	-2	-2	2.7
T 33304	364174	373924	-20	49.6	0.8	-5	114	2	35.0	14.0	3	10.3	-2	-2	4.3
T 33305	363541	374025	-20	27.1	0.5	-5	96	2	2.5	4.1	2	29.7	-2	2	2.8
T 33306	363525	374045	-20	55.6	1.1	-5	152	4	3.0	6.0	1	34.1	-2	-2	5.1
T 33307	363514	374063	-20	79.9	0.8	-5	99	3	4.1	10.8	1	21.0	-2	3	3.7
T 33308	363499	374086	-20	63.3	0.7	-5	67	1	3.5	8.1	1	14.7	-2	2	3.4
T 33309	363484	374104	-20	59.4	0.5	-15	115	3	4.1	8.7	-1	23.8	-2	8	2.8
T 33310	363466	374121	-20	94.5	1.1	-23	198	4	6.1	11.5	2	36.1	-2	12	5.3
T 33311	363447	374142	-20	66.7	0.5	-5	22	0	2.0	6.7	1	23.1	2	3	2.5
T 33312	363431	374161	-20	49.2	0.7	-5	200	4	22.3	9.0	1	16.1	-2	2	3.6
T 33313	363417	374180	-20	49.1	0.7	-5	202	3	23.1	8.8	1	16.1	-2	2	3.5
T 33314	363401	374198	-20	55.7	0.8	-5	138	2	12.9	10.5	1	17.6	-2	-2	4.0
T 33315	363383	374216	-20	51.1	0.7	-5	199	3	22.7	7.9	1	16.4	-2	-2	3.3
T 33316	363365	374236	-20	40.9	0.5	-5	160	3	18.8	7.2	1	12.6	-2	-2	2.7
T 33317	363349	374253	-20	48.9	0.7	-5	232	3	21.7	9.1	1	14.7	-2	-2	3.3
T 33318	363332	374272	-20	42.1	0.6	-5	210	4	23.5	7.2	-1	15.0	-2	-2	3.2
T 33319	363315	374292	-20	53.5	0.7	-5	160	3	18.2	9.7	1	17.2	-2	2	3.8
T 33320			-20	44.0	0.6	-5	108	1	12.7	8.5	1	16.6	5	3	2.8
T 33321	363299	374310	-20	58.2	0.7	-5	139	2	14.6	10.5	1	15.1	-2	2	3.4
T 33322	363283	374327	-20	33.2	0.4	-5	179	3	17.9	6.1	-1	12.2	-2	2	2.3
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			20.000	0.500	0.100	5.000	20.000	5.000	0.100	0.100	1.000	0.500	2.000	2.000	0.500

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PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	IR PPB	LA PPM	LU PPM	HO PPM	RB PPM	AG PPM	SC PPM	SH PPM	TA PPM	TH PPM	W PPM	U PPM	YB PPM
T 33323	363265	374347	-20	62.0	0.8	-5	184	3	20.2	11.5	1	20.3	-2	-2	4.2
T 33324	363249	374365	-20	47.6	0.6	-5	177	3	21.6	7.9	-1	16.6	-2	2	2.8
T 33325	363231	374387	-20	46.8	0.6	-5	211	3	24.7	8.9	1	14.9	-2	-2	2.9
T 33326	363215	374404	-20	43.3	0.6	-5	190	3	25.3	7.7	1	14.9	-2	2	2.8
T 33327	363561	374006	-20	53.1	0.8	-5	121	2	31.1	13.4	2	12.7	-2	-2	4.6
T 33328	363579	373988	-20	1.2	-0.2	-5	82	-0	5.0	0.6	-1	-0.5	-2	-2	-0.5
T 33329	363596	373971	-20	38.5	0.8	-5	130	2	40.6	10.4	2	9.6	-2	-2	4.6
T 33330	363611	373950	-20	30.7	0.8	-5	102	1	46.2	8.9	2	6.0	-2	-2	4.5
T 33331	363623	373929	-20	37.8	0.8	-5	81	1	37.3	10.2	2	7.5	-2	-2	4.0
T 33332	363640	373907	-20	39.6	0.7	-5	143	2	18.8	7.6	1	17.1	-2	-2	3.6
T 33333	363658	373887	-20	37.0	0.8	-5	113	1	40.6	11.6	3	6.4	-2	-2	4.3
T 33334	363673	373869	-20	56.6	0.7	-5	132	2	21.5	13.4	2	10.4	-2	-2	3.8
T 33335	363689	373852	-20	61.7	0.9	-5	84	1	20.8	16.3	5	11.7	-2	-2	4.8
T 33336	363707	373834	-20	47.0	0.8	-5	129	2	33.9	11.9	3	10.4	-2	-2	4.2
T 33337	363726	373814	-20	41.5	0.8	-5	82	1	36.7	11.1	2	9.0	-2	-2	4.0
T 33338	363746	373800	-20	40.2	0.9	-5	98	2	47.0	11.7	2	8.2	-2	-2	4.2
T 33339	363765	373778	-20	48.9	0.8	-5	115	2	44.6	12.6	3	9.8	-2	-2	4.0
T 33340			-20	45.3	0.6	-5	98	1	13.0	8.7	2	17.1	4	-2	2.8
T 33341	363782	373756	-20	44.6	0.8	-5	125	2	29.7	11.2	2	14.5	-2	3	3.7
T 33342	363795	373742	-20	37.1	0.6	-5	120	2	22.9	8.1	1	15.3	-2	3	3.1
T 33343	363809	373725	-20	35.6	0.7	-5	114	2	29.6	10.6	2	6.3	-2	-2	3.7
T 33344	363826	373705	-20	37.4	0.7	-5	115	2	25.1	9.3	2	9.8	-2	-2	3.4
T 33345	363842	373686	-20	49.3	0.7	-5	137	2	20.1	10.2	2	17.6	3	-2	3.8
T 33346	363859	373665	-20	32.3	0.7	-5	84	1	23.8	9.1	2	6.8	-2	-2	3.4
T 33347	363876	373644	-20	44.5	0.8	-5	103	1	36.4	12.8	3	8.8	-2	-2	4.0
T 33348	363625	373351	-20	33.8	1.0	-5	80	1	43.4	12.2	4	6.5	-2	-2	4.7
T 33349	363632	373375	-20	27.9	0.7	-5	75	1	36.4	9.1	2	5.3	-2	-2	3.8
T 33350	363638	373398	-20	30.9	0.8	-5	74	1	38.3	10.1	2	5.3	-2	-2	3.7
T 33351	363642	373421	-20	31.5	0.8	-5	94	1	40.4	10.2	3	5.0	-2	-2	3.9
T 33352	363646	373442	-20	36.0	0.7	-5	91	2	27.5	9.1	2	11.3	-2	-2	3.3
T 33353	363652	373465	-20	23.5	0.5	-5	67	1	24.9	7.2	1	5.9	-2	-2	2.7
T 33354	363617	373331	-20	37.0	0.9	-5	75	1	42.8	10.8	2	5.9	-2	-2	4.3
T 33355	363610	373307	-20	29.0	0.5	-5	42	0	31.1	8.5	2	6.2	-2	-2	2.6
T 33356	363604	373284	-20	47.7	0.7	-5	105	2	29.7	13.5	3	8.1	-2	-2	3.6
T 33357	363598	373264	-20	27.3	0.5	-5	51	0	27.2	7.7	3	4.7	-2	-2	2.6
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			20.000	0.500	0.100	5.000	20.000	5.000	0.100	0.100	1.000	0.500	2.000	2.000	0.500

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PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	IR PPB	LA PPM	LU PPM	MO PPM	RB PPM	AG PPM	SC PPM	SM PPM	TA PPM	TH PPM	W PPM	U PPM	YB PPM
T 33358	363593	373244	-20	29.5	0.4	-5	33	0	36.5	9.1	1	3.8	-2	-2	2.5
T 33359	363587	373222	-20	33.6	0.5	-5	62	0	21.3	8.8	3	5.9	-2	-2	2.7
T 33360			-20	46.2	0.6	-5	112	1	13.3	8.8	2	17.7	5	2	3.0
T 33361	363581	373197	-20	46.1	0.8	-5	178	3	16.0	8.8	1	17.5	-2	2	3.7
T 33362	363573	373175	-20	31.9	0.6	-5	57	0	7.9	6.5	2	7.6	2	-2	2.8
T 33363	363564	373151	-20	52.7	0.8	-5	214	3	15.9	9.5	2	18.3	-2	-2	4.1
T 33364	363559	373129	-20	48.5	0.8	-5	210	3	16.4	9.6	1	18.4	-2	3	3.9
T 33365	363554	373106	-20	32.7	0.6	-5	48	1	29.9	8.4	2	7.0	-2	-2	3.1
T 33366	363550	373082	-20	48.4	0.8	-5	273	4	16.8	8.6	-1	19.5	-2	-2	3.7
T 33367	363544	373059	-20	45.6	0.8	-5	212	3	15.6	8.6	1	17.7	3	2	3.7
T 33368	363534	373035	-20	43.0	0.8	-5	95	1	9.6	8.6	1	11.4	-2	-2	3.8
T 33369	363528	373014	-20	38.5	0.8	-5	129	1	29.0	9.2	2	10.0	-2	-2	3.7
T 33370	363519	372991	-20	55.1	0.8	-5	219	3	16.3	9.9	1	19.3	-2	2	4.2
T 33371	363514	372967	-20	41.3	0.8	-5	163	2	12.2	8.0	-1	13.3	-2	3	4.0
T 33372	363504	372942	-20	51.7	0.8	-5	182	3	14.8	9.6	1	17.6	3	-2	3.9
T 33373	363497	372921	-20	49.0	0.7	-5	97	1	12.7	8.1	-1	13.4	-2	4	3.2
T 33374	363489	372898	-20	45.0	0.8	-5	178	3	19.3	8.9	1	13.3	-2	3	4.1
T 33375	363480	372874	-20	47.6	1.0	-5	227	4	24.9	9.9	2	15.5	-2	-2	4.7
T 33376	363473	372849	-20	37.3	0.8	-5	158	2	16.9	7.6	1	13.1	-2	3	3.9
T 33377	363468	372825	-20	63.6	0.9	-5	197	3	25.2	12.7	1	13.1	-2	3	4.3
T 33378	363461	372803	-20	54.2	0.8	-5	196	3	24.7	10.2	2	15.7	-2	4	4.0
T 33379	363455	372777	-20	34.5	0.7	-5	130	2	14.4	7.1	2	9.5	-2	2	3.8
T 33380			-20	54.1	0.7	-5	82	0	18.9	10.4	2	21.8	4	2	3.4
T 33381	363447	372754	-20	16.0	0.7	-5	82	1	7.9	3.6	1	6.2	-2	-2	3.2
T 33382	363439	372730	-20	98.0	0.6	-5	69	1	9.1	30.8	1	11.1	-2	-2	2.7
T 33383	363432	372706	-20	33.4	0.7	-5	124	2	15.4	7.1	1	10.6	-2	-2	3.3
T 33384	363423	372684	-20	28.1	0.6	-5	106	2	11.2	5.8	-1	8.7	-2	-2	3.1
T 33385	363417	372658	-20	44.5	0.7	-5	184	3	21.0	8.6	1	12.7	-2	-2	3.6
T 33386	363409	372633	-20	21.0	0.4	-5	84	1	7.8	4.5	1	6.1	-2	-2	1.9
T 33387	363401	372610	-20	45.6	0.7	-5	182	3	20.3	9.2	1	13.9	-2	-2	3.4
T 33388	363394	372587	-20	49.7	0.8	-5	149	3	19.2	9.9	1	14.2	2	2	3.9
T 33389	363387	372562	-20	49.7	0.8	-5	183	3	20.2	9.8	1	14.8	-2	2	3.8
T 33390	363382	372537	-20	32.0	0.8	-5	148	2	21.2	6.4	1	13.4	-2	-2	3.9
T 33391	363755	373090	-20	49.8	0.8	-5	211	3	16.0	9.5	1	18.4	2	3	3.9
T 33392	363761	373114	-20	62.4	1.0	-5	258	4	20.9	11.0	2	22.6	-2	-2	5.0
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			20.000	0.500	0.100	5.000	20.000	5.000	0.100	0.100	1.000	0.500	2.000	2.000	0.500

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PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	IR PPB	LA PPM	LU PPM	HO PPM	RB PPM	AG PPM	SC PPM	SM PPM	TA PPM	TH PPM	W PPM	U PPM	YB PPM
T 33393	363769	373140	-20	51.8	0.8	-5	188	3	15.1	10.2	1	18.0	3	-2	3.9
T 33394	363775	373160	-20	54.5	0.7	-5	82	1	24.1	11.5	2	9.8	-2	-2	3.8
T 33395	363783	373181	-20	27.9	0.6	-5	89	1	29.0	7.8	1	6.0	-2	-2	3.3
T 33396	363791	373207	-20	28.0	0.7	-5	71	1	28.5	8.0	3	5.5	-2	-2	3.4
T 33397	363796	373231	-20	30.2	0.7	-5	75	1	37.0	9.2	3	5.7	-2	-2	4.0
T 33398	363803	373256	-20	18.2	0.4	-5	39	0	24.8	5.9	1	4.1	-2	-2	2.2
T 33399	363812	373278	-20	37.1	0.5	-5	122	2	19.0	7.6	1	12.3	3	-2	2.8
T 33400			-20	34.8	0.4	-5	194	1	11.1	7.2	2	13.7	6	4	2.1
T 33401	363814	373305	-20	32.7	1.1	-5	64	1	48.2	12.2	4	7.1	-2	-2	5.7
T 33402	363820	373330	-20	36.8	0.6	-5	49	1	34.5	11.7	1	5.1	-2	-2	3.6
T 33403	363825	373358	-20	33.2	0.8	-5	64	1	42.0	11.3	1	4.8	13	-2	4.0
T 33404	363832	373380	-20	26.1	0.5	-5	50	0	25.8	7.5	2	5.7	34	-2	2.7
T 33405	363839	373404	-20	21.6	0.5	-5	40	0	32.7	6.8	1	3.8	3	-2	2.7
T 33406	363849	373429	-20	28.0	0.5	-5	68	1	17.5	7.6	1	7.7	6	-2	2.4
T 33407	363749	373067	-20	55.2	0.9	-5	215	3	16.8	11.7	-1	19.0	4	-2	4.5
T 33408	363745	373042	-20	42.2	0.7	-5	193	3	12.7	8.0	-1	14.5	6	2	3.7
T 33409	363736	373016	-20	37.2	0.6	-5	164	2	9.5	7.3	1	10.9	8	-2	3.0
T 33410	363732	372990	-20	58.5	0.9	-5	207	3	15.8	10.9	1	17.0	4	2	4.5
T 33411	363726	372967	-20	28.6	0.5	-5	107	1	4.1	5.2	-1	7.3	6	2	2.5
T 33412	363718	372941	-20	29.3	0.4	-5	69	1	7.9	4.8	-1	8.6	2	-2	2.3
T 33413	363709	372918	-20	21.7	0.5	-5	83	0	14.3	5.4	-1	6.9	6	-2	2.6
T 33414	363700	372894	-20	34.6	0.6	-5	122	2	10.2	6.3	-1	11.7	5	-2	2.9
T 33415	363690	372871	-20	42.3	0.5	-5	138	2	10.5	6.9	2	12.3	-2	-2	2.6
T 33416	363685	372843	-20	41.4	0.8	-5	250	4	27.4	5.5	2	15.4	-2	3	4.3
T 33417	363674	372825	-20	12.6	0.3	-5	55	1	4.9	2.1	-1	4.0	2	-2	1.4
T 33418	363661	372801	-20	22.1	0.6	-5	98	1	12.7	4.5	1	9.2	4	-2	3.1
T 33419	363652	372776	-20	27.4	0.6	-5	130	2	13.2	5.7	1	10.7	2	-2	2.8
T 33420			-20	53.5	0.7	-5	70	0	18.4	10.0	-1	21.3	2	2	3.3
T 33421	363665	372754	-20	10.6	0.2	-5	33	0	3.7	2.1	-1	3.2	3	3	1.3
T 33422	363553	373403	-20	30.2	0.7	-5	62	0	37.3	10.0	3	5.4	-2	-2	3.8
T 33423	363537	373425	-20	32.3	0.8	-5	108	2	33.7	10.0	3	7.0	-2	-2	3.8
T 33424	363520	373445	-20	27.4	0.6	-5	56	0	36.0	8.0	2	4.8	-2	-2	3.1
T 33425	363505	373466	-20	31.6	0.6	-5	77	1	38.0	9.2	2	4.9	-2	-2	3.4
T 33426	363489	373486	-20	26.0	0.7	-5	32	0	35.3	8.9	2	4.9	-2	-2	3.4
T 33427	363477	373504	-20	16.7	0.4	-5	54	0	27.5	5.2	1	3.3	-2	-2	2.2
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			20.000	0.500	0.100	5.000	20.000	5.000	0.100	0.100	1.000	0.500	2.000	2.000	0.500

13744

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	IR PPB	LA PPM	LU PPM	MO PPM	RB PPM	AG PPM	SC PPM	SM PPM	TA PPM	TH PPM	W PPM	U PPM	YB PPM
T 33428	363458	373527	-20	26.0	0.5	-5	64	0	33.1	7.9	2	4.7	-2	-2	2.9
T 33429	363442	373545	-20	39.2	0.7	-5	79	1	25.8	10.0	3	11.4	-2	-2	3.5
T 33430	363427	373562	-20	33.1	0.7	-5	77	1	39.7	9.5	2	5.7	-2	-2	3.6
T 33431	363405	373584	-20	36.9	0.6	-5	43	0	40.5	9.4	2	7.5	-2	-2	3.4
T 33432	363387	373604	-20	34.5	0.7	-5	35	0	46.2	9.5	3	6.0	-2	-2	3.9
T 33433	363371	373622	-20	47.6	0.7	-5	85	1	28.8	12.0	2	8.9	-2	2	3.7
T 33434	363355	373641	-20	48.7	1.0	-5	89	1	45.2	12.3	4	8.2	-2	-2	5.1
T 33435	363339	373659	-20	43.5	0.8	-5	75	1	38.3	11.0	2	6.8	-2	-2	3.9
T 33436	363323	373677	-20	34.8	0.5	-5	113	2	18.6	7.1	1	15.8	-2	3	2.6
T 33437	363306	373692	-20	24.9	0.7	-5	93	2	25.8	7.1	2	8.9	-2	-2	3.4
T 33438	363288	373712	-20	7.5	-0.2	-5	55	0	6.3	2.1	1	1.6	-2	-2	0.8
T 33439	363272	373732	-20	53.7	0.7	-5	51	1	2.9	6.2	1	23.4	-2	5	3.2
T 33440			-20	45.0	0.6	-5	108	1	12.9	8.6	2	17.2	5	2	2.8
T 33441	363256	373753	-20	61.5	0.7	-5	100	2	3.3	8.2	-1	20.0	3	-2	3.5
T 33442	363241	373768	-20	41.8	0.6	-5	152	2	18.2	7.1	1	14.6	-2	-2	2.8
T 33443	363224	373787	-20	43.3	0.6	-5	155	2	18.3	7.1	-1	13.5	-2	3	2.6
T 33444	363204	373806	-20	35.2	0.5	-5	209	3	19.8	6.2	-1	12.2	2	-2	2.4
T 33445	363187	373819	-20	45.2	0.6	-5	179	4	18.8	7.3	1	13.1	-2	-2	2.7
T 33446	363168	373836	-20	42.9	0.5	-5	232	4	20.5	6.7	-1	12.9	2	3	2.4
T 33447	363149	373854	-20	63.4	0.9	-5	188	3	19.7	10.7	2	18.9	-2	3	4.1
T 33448	363135	373874	-20	44.7	0.5	-5	139	2	20.6	7.8	1	13.0	-2	2	2.6
T 33449	363118	373894	-20	63.2	0.8	-5	114	1	9.3	11.4	-1	20.1	-2	2	3.8
T 33450	363103	373911	-20	61.8	0.8	-5	-20	0	9.7	10.7	1	18.2	-2	2	3.5
T 33451	363086	373928	-20	35.9	0.5	-5	59	1	11.7	6.1	2	8.9	-2	-2	2.3
T 33452	363071	373950	-20	62.0	0.7	-5	72	1	11.0	10.8	1	17.2	3	3	3.4
T 33453	363056	373968	-20	59.7	0.7	-5	94	1	13.0	9.9	1	19.1	-2	3	3.4
T 33454	363040	373987	-20	30.4	0.5	-5	154	2	17.7	6.1	1	10.2	-2	2	2.7
T 33455	363023	374008	-20	46.2	0.6	-5	174	3	20.4	7.9	1	14.2	-2	-2	3.2
T 33456	363007	374029	-20	51.6	0.7	-5	166	3	19.1	8.5	1	15.5	-2	3	3.4
T 33457	362989	374052	-20	47.3	0.5	-5	100	2	12.6	8.2	1	13.4	-2	-2	2.7
T 33458	362976	374068	-20	53.9	0.8	-5	129	2	13.9	10.6	2	17.2	-2	-2	3.8
T 33459	362963	374086	-20	53.9	0.8	-5	123	2	20.0	11.0	2	17.8	-2	3	4.0
T 33460			-20	33.8	0.4	-5	176	1	10.8	7.1	3	13.3	5	-2	2.0
T 33461	362945	374108	-20	43.6	0.6	-5	119	2	19.5	8.6	2	12.7	-2	-2	2.7
T 33462	362930	374130	-20	42.3	0.6	-5	168	3	23.5	7.9	1	13.2	-2	-2	3.0

Laboratory:	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	
Method :	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	
Det. Limit:	20.000	0.500	0.100	5.000	20.000	5.000	0.100	0.100	1.000	0.500	2.000	2.000	0.500	

RGC EXPLORATION PTY.LTD. DATA SHEET

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	IR PPB	LA PPM	LU PPM	MO PPM	RB PPM	AG PPM	SC PPM	SM PPM	TA PPM	TH PPM	W PPM	U PPM	YB PPM
T 33463	363568	373384	-20	23.2	0.6	-5	70	0	35.1	7.4	2	5.6	-2	3	3.3
T 33464	363586	373372	-20	26.7	0.5	-5	76	1	31.3	8.2	3	5.2	-2	-2	2.9
T 33465	363277	373150	-20	44.5	0.7	-5	146	2	20.6	9.1	1	15.3	-2	-2	3.4
T 33466	363294	373133	-20	31.8	0.5	-5	100	1	26.9	8.5	2	9.0	-2	-2	2.8
T 33467	363313	373115	-20	16.5	0.4	-5	88	1	36.6	5.6	1	3.2	-2	-2	2.4
T 33468	363327	373099	-20	49.6	0.8	-5	209	3	16.3	9.2	1	18.6	-2	-2	3.8
T 33469	363260	373167	-20	31.4	0.5	-5	97	1	23.3	9.1	1	5.9	-2	-2	2.9
T 33470	363245	373189	-20	21.4	0.4	-5	33	0	32.6	7.6	3	3.6	-2	-2	2.2
T 33471	363227	373204	-20	35.1	0.8	-5	117	1	40.6	10.4	3	5.9	-2	-2	4.0
T 33472	363209	373221	-20	30.6	0.7	-5	78	1	38.0	9.4	3	6.3	-2	-2	3.9
T 33473	363190	373238	-20	39.4	0.8	-5	99	1	37.2	12.2	2	7.4	-2	-2	3.8
T 33474	363176	373257	-20	48.3	0.8	-5	72	1	34.2	13.1	2	8.0	-2	-2	4.4
T 33475	363152	373276	-20	42.2	0.5	-5	100	2	19.7	7.6	-1	13.7	-2	-2	2.5
T 33476	363136	373294	-20	32.2	0.7	-5	107	1	28.3	8.5	1	6.7	-2	-2	3.5
T 33477	363112	373310	-20	43.7	0.8	-5	103	2	33.5	13.0	3	8.0	-2	-2	4.1
T 33478	363094	373329	-20	29.9	0.7	-5	68	0	38.5	9.8	2	5.1	-2	-2	3.4
T 33479	363074	373350	-20	37.3	0.8	-5	87	1	37.5	11.1	3	7.0	-2	-2	4.1
T 33480			-20	53.4	0.7	-5	85	0	18.6	10.5	2	21.5	3	-2	3.3
T 33481	363055	373370	-20	32.7	0.8	-5	66	0	35.3	10.2	2	6.4	-2	-2	3.8
T 33482	363039	373388	-20	36.3	0.6	-5	71	1	40.6	10.5	3	8.3	-2	2	3.4
T 33483	363023	373407	-20	20.0	0.4	-5	70	1	22.6	6.7	1	8.1	-2	5	2.2
T 33484	363004	373427	-20	33.1	0.8	-5	63	1	25.5	10.2	2	5.4	-2	-2	4.2
T 33485	362989	373445	-20	57.5	0.6	-5	37	0	2.8	7.9	1	16.5	2	2	2.7
T 33486	362966	373465	-20	60.3	0.6	-5	62	1	2.5	6.4	-1	16.3	-2	-2	3.0
T 33487	362952	373481	-20	42.8	0.6	-5	122	2	20.6	6.4	2	12.8	-2	-2	3.0
T 33488	362936	373502	-20	40.3	0.5	-5	46	1	9.2	6.8	1	10.4	-2	-2	2.5
T 33489	362922	373521	-20	48.1	0.4	-5	93	1	2.7	5.5	1	15.1	-2	-2	1.7
T 33490	362904	373542	-20	48.8	0.5	-5	140	2	2.1	4.4	1	24.7	-2	3	2.1
T 33491	362889	373561	-20	24.6	0.3	-5	82	1	1.0	1.9	-1	16.6	2	3	1.4
T 33492	362876	373580	-20	47.6	0.6	-5	134	2	15.5	8.3	1	16.1	-2	3	2.9
T 33493	362858	373602	-20	64.0	0.9	-5	158	3	14.8	11.5	2	21.7	-2	3	4.1
T 33494	362842	373622	-20	76.4	1.1	-5	162	3	11.6	13.1	2	30.3	-2	5	5.3
T 33495	362830	373639	-20	47.6	0.5	-5	152	2	16.3	6.8	2	14.4	3	2	2.6
T 33496	362814	373661	-20	48.7	0.7	-5	146	3	20.8	8.7	-1	14.0	-2	2	3.2
T 33497	362799	373679	-20	38.4	0.6	-5	85	1	11.4	7.1	2	12.1	2	-2	3.0
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			20.000	0.500	0.100	5.000	20.000	5.000	0.100	0.100	1.000	0.500	2.000	2.000	0.500

0123
16413A

PROJECT: DUNDAS INC. MONTEZUHA

SAMPLE NUMBER	TNORTH metres	TEAST metres	IR PPB	LA PPM	LU PPM	MO PPM	RB PPM	AG PPM	SC PPM	SM PPM	TA PPM	TH PPM	W PPM	U PPM	YB PPM
T 33498	362780	373697	-20	43.5	0.6	-5	186	3	21.9	7.7	2	14.9	-2	3	2.9
T 33499	362764	373714	-20	49.2	0.7	-5	99	2	12.7	9.5	1	14.3	-2	2	3.4
T 33500			-20	43.5	0.6	-5	108	1	12.4	8.4	1	16.3	7	2	2.7
T 35201	362745	373735	-20	43.2	0.7	-5	169	3	21.4	8.1	1	15.2	-2	3	3.5
T 35202	362729	373754	-20	89.6	1.2	-5	217	4	16.9	16.8	1	29.7	-2	4	6.1
T 35203	362713	373773	-20	50.8	0.7	-5	169	3	15.8	9.1	1	17.0	-2	5	3.7
T 35204	362700	373791	-20	47.5	0.6	-5	179	3	22.4	8.7	1	15.0	-2	2	3.2
T 35205	362684	373809	-20	52.0	0.7	-5	150	3	19.6	9.8	1	14.7	-2	2	3.7
T 35206	362669	373825	-20	45.0	0.6	-5	104	2	15.3	8.1	-1	17.5	-2	-2	3.2
T 35207	362658	373847	-20	50.1	0.7	-5	150	3	19.6	9.1	1	16.9	-2	3	3.4
T 35208	363042	372829	-20	41.0	0.7	-5	128	2	19.2	6.6	1	13.7	-2	-2	3.8
T 35209	363026	372846	-20	44.4	0.8	-5	111	2	15.2	8.5	1	13.8	-2	2	4.2
T 35210	363008	372863	-20	41.3	0.7	-5	159	3	17.8	6.9	1	13.9	-2	-2	3.8
T 35211	362991	372881	-20	43.7	0.7	-5	152	3	16.6	8.8	2	12.7	-2	-2	3.5
T 35212	362973	372900	-20	45.1	0.8	-5	144	2	17.0	10.8	1	14.1	-2	-2	3.8
T 35213	362954	372917	-20	51.0	0.9	-5	158	2	13.9	10.4	2	17.6	2	3	4.5
T 35214	362935	372935	-20	44.5	0.7	-5	180	3	15.6	8.9	1	15.8	-2	2	3.8
T 35215	362915	372955	-20	50.5	0.8	-5	166	3	15.0	9.2	2	16.8	-2	3	4.0
T 35216	362893	372971	-20	34.0	0.5	-5	67	1	5.5	6.6	-1	9.1	-2	2	2.8
T 35217	362875	372990	-20	23.4	0.5	-5	79	1	46.1	6.9	2	5.4	-2	-2	3.2
T 35218	362855	373009	-20	52.9	0.8	-5	164	3	15.2	9.8	1	18.0	-2	3	3.9
T 35219	362834	373025	-20	23.7	0.4	-5	107	1	38.9	5.5	-1	2.7	-2	-2	2.7
T 35220	362817	373041	-20	10.2	0.5	-5	63	0	54.4	5.2	1	2.2	-2	-2	3.5
T 35221	362801	373056	-20	28.7	0.6	-5	129	2	38.9	8.9	2	5.8	-2	-2	3.3
T 35222	362782	373078	-20	41.1	0.7	-5	101	2	36.2	11.6	2	7.8	-2	-2	4.0
T 35223	362765	373099	-20	30.8	0.9	-5	74	1	77.1	10.9	2	5.3	-2	-2	5.1
T 35224	362748	373122	-20	26.0	0.6	-5	119	2	19.0	6.6	1	14.9	-2	-2	3.1
T 35225	362729	373136	-20	38.3	0.8	-5	74	1	32.5	10.2	2	8.0	-2	-2	4.2
T 35226	362708	373153	-20	23.1	0.4	-5	43	0	20.4	6.6	1	5.1	-2	-2	2.4
T 35227	362689	373176	-20	45.3	0.6	-5	49	0	39.5	13.4	2	5.5	-2	-2	3.9
T 35228	362673	373196	-20	14.4	0.7	-5	83	1	53.5	6.3	1	3.0	-2	-2	4.2
T 35229	362659	373213	-20	11.7	0.2	-5	33	-0	31.4	4.9	-1	1.5	-2	-2	1.9
T 35230	362642	373233	-20	41.5	0.7	-5	81	1	30.2	9.5	2	9.1	-2	4	3.9
T 35231	362628	373253	-20	26.6	0.7	-5	60	1	36.9	9.0	2	4.7	-2	-2	3.6
T 35232	362614	373273	-20	24.8	0.5	-5	82	1	23.7	6.9	1	8.6	-2	-2	2.7
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			20.000	0.500	0.100	5.000	20.000	5.000	0.100	0.100	1.000	0.500	2.000	2.000	0.500

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	IR PPB	LA PPM	LU PPM	MO PPM	RB PPM	AG PPM	SC PPM	SM PPM	TA PPM	TH PPM	W PPM	U PPM	YB PPM
T 35233	362602	373291	-20	36.8	0.5	-5	108	2	17.5	7.1	1	11.8	-2	2	2.6
T 35234	362585	373312	-20	55.6	0.6	-5	76	1	6.8	8.5	1	20.6	-2	5	3.3
T 35235	362572	373332	-20	36.1	0.5	-5	119	2	18.9	6.4	1	11.3	-2	2	2.8
T 35236	362554	373353	-20	30.5	0.5	-5	66	0	21.2	7.1	2	10.5	-2	-2	2.9
T 35237	362539	373373	-20	33.8	0.6	-5	63	0	23.5	8.1	1	9.8	-2	-2	3.3
T 35238	362525	373392	-20	19.9	0.5	-5	61	0	21.4	5.7	1	8.1	-2	-2	3.2
T 35239	362512	373414	-20	44.0	0.6	-5	203	3	21.6	8.3	1	16.2	-2	3	3.3
T 35240	362501	373434	-20	64.5	0.6	-5	137	3	2.7	6.1	1	33.3	-2	5	3.1
T 35241	362485	373448	-20	51.0	0.6	-5	86	1	5.0	8.2	2	17.4	-2	3	3.0
T 35242	362470	373470	-20	47.8	0.8	-5	190	3	23.9	9.6	1	15.5	-2	4	3.9
T 35243	362452	373488	-20	44.0	0.5	-5	178	3	20.8	7.5	1	13.6	-2	2	2.9
T 35244	362437	373513	-20	45.8	0.6	-5	141	3	19.7	8.0	1	14.4	-2	2	3.2
T 35245	362425	373533	-20	45.5	0.7	-5	161	3	25.9	8.5	-1	15.5	-2	-2	3.7
T 35246	362410	373550	-20	44.6	0.6	-5	150	2	24.2	8.9	2	15.3	-2	-2	3.3
T 35247	362390	373573	-20	35.2	0.5	-5	154	3	22.6	6.4	-1	11.5	-2	2	2.6
T 35248	362378	373590	-20	54.2	0.6	-5	167	2	23.9	7.6	1	16.1	-2	5	3.5
T 35249	362711	372535	-20	57.4	0.8	-5	194	3	23.8	11.4	1	15.9	-2	2	4.2
T 35250	362692	372553	-20	40.9	0.7	-5	139	2	18.3	7.4	2	13.7	-2	-2	3.8
T 35251	362671	372572	-20	23.0	0.4	-5	49	1	5.3	4.2	-1	6.9	-2	-2	2.2
T 35252	362655	372593	-20	57.2	0.7	-5	186	3	22.3	11.5	1	17.2	-2	-2	4.0
T 35253	362641	372611	-20	57.8	0.8	-5	188	3	25.0	10.8	2	17.4	-2	-2	4.0
T 35254	362625	372632	-20	57.0	0.7	-5	167	3	20.8	10.2	2	14.9	-2	-2	3.8
T 35255	362613	372650	-20	46.1	0.7	-5	147	3	18.7	9.4	1	14.4	-2	-2	3.7
T 35256	362597	372670	-20	38.8	0.7	-5	173	3	22.7	7.2	1	13.6	-2	2	3.7
T 35257	362579	372692	-20	34.9	0.8	-5	209	3	23.7	5.9	-1	14.7	-2	3	4.0
T 35258	362565	372711	-20	39.4	0.7	-5	169	3	17.6	7.2	1	12.2	-2	2	3.6
T 35259	362551	372730	-20	37.0	0.6	-5	109	2	14.4	7.3	1	11.1	-2	-2	3.1
T 35260			-20	42.5	0.5	-5	108	1	12.4	7.9	2	16.7	4	4	2.7
T 35261	362535	372747	-20	56.4	1.2	-5	210	4	24.7	9.8	2	18.4	3	3	5.5
T 35262	362519	372766	-20	29.4	0.7	-5	132	2	13.9	4.2	-1	11.0	-2	-2	3.4
T 35263	362505	372784	-20	36.2	0.6	-5	177	3	17.8	6.5	1	12.5	-2	2	3.0
T 35264	362492	372800	-20	49.9	0.7	-5	176	2	22.5	10.0	1	15.1	-2	2	3.5
T 35265	362472	372820	-20	29.1	0.6	-5	109	2	10.8	6.3	-1	8.7	-2	-2	2.9
T 35266	362456	372834	-20	53.3	0.6	-5	138	2	16.0	10.6	1	12.9	-2	-2	3.0
T 35267	362437	372852	-20	38.5	0.6	-5	153	2	18.6	8.1	2	12.5	-2	-2	3.1
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			20.000	0.500	0.100	5.000	20.000	5.000	0.100	0.100	1.000	0.500	2.000	2.000	0.500

15139

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	IR PPB	LA PPM	LU PPM	MO PPM	RB PPM	AG PPM	SC PPM	SM PPM	TA PPM	TH PPM	W PPM	U PPM	YB PPM
T 35268	362419	372867	-20	48.6	0.8	-5	178	3	13.1	9.0	1	17.5	-2	2	3.7
T 35269	362402	372885	-20	52.8	0.8	-5	206	3	16.7	9.7	1	17.7	-2	2	3.8
T 35270	362388	372902	-20	38.7	0.7	-5	180	3	13.2	7.1	1	14.7	2	4	3.5
T 35271	362373	372922	-20	46.7	0.8	-5	176	3	14.4	9.0	-1	16.6	3	2	3.5
T 35272	362356	372941	-20	16.0	0.4	-5	71	1	5.0	3.3	1	5.5	-2	-2	1.9
T 35273	362340	372960	-20	39.6	0.6	-5	161	2	17.1	8.0	1	14.0	-2	3	3.3
T 35274	362322	372980	-20	44.8	0.7	-5	187	3	13.4	8.4	1	15.5	-2	2	3.2
T 35275	362307	372996	-20	49.0	0.8	-5	188	3	13.3	9.5	1	16.1	-2	3	4.1
T 35276	362290	373016	-20	22.8	0.4	-5	103	1	40.3	8.0	3	3.2	-2	-2	2.4
T 35277	362270	373027	-20	54.1	0.4	-5	61	0	2.2	4.3	1	25.1	-2	4	2.1
T 35278	362253	373046	-20	28.1	0.6	-5	118	1	33.4	8.0	2	6.0	-2	-2	2.8
T 35279	362239	373060	-20	27.2	0.5	-5	113	1	56.6	9.1	4	4.4	-2	-2	2.6
T 35281	362217	373075	-20	25.8	0.7	-5	116	2	36.9	8.3	2	6.1	-2	-2	3.7
T 35282	362197	373094	-20	30.0	0.6	-5	102	1	28.3	8.3	2	5.9	-2	-2	2.7
T 35283	362180	373114	-20	31.2	0.6	-5	119	2	24.9	7.6	1	7.5	-2	-2	3.0
T 35284	362163	373136	-20	38.0	0.7	-5	132	2	36.0	9.4	3	5.7	-2	-2	3.2
T 35285	362149	373151	-20	45.2	0.6	-5	114	2	20.1	8.4	2	16.8	-2	3	2.8
T 35286	362132	373169	-20	55.8	0.6	-5	147	2	22.1	9.9	-1	19.6	-2	2	2.9
T 35287	362116	373188	-20	56.4	0.6	-5	158	3	22.0	9.4	-1	17.0	-2	3	2.9
T 35288	362102	373205	-20	51.9	0.7	-5	157	2	17.1	9.3	2	16.2	-2	4	3.3
T 35289	362085	373222	-20	45.0	0.7	-5	152	2	17.6	8.1	-1	13.4	-2	3	3.5
T 35290	362070	373239	-20	42.5	0.6	-5	177	3	21.2	7.6	2	16.1	-2	3	2.8
T 35291	362051	373251	-20	37.5	0.5	-5	164	3	20.8	6.3	1	12.9	-2	2	2.3
T 35292	362398	372249	-20	42.9	0.6	-5	143	2	17.8	7.9	1	13.8	-2	-2	2.8
T 35293	362378	372277	-20	33.3	0.2	-5	85	1	8.6	5.9	-1	8.3	-2	2	1.0
T 35294	362359	372296	-20	41.0	0.7	-5	167	2	19.7	7.8	1	14.5	-2	2	3.6
T 35295	362341	372317	-20	48.9	0.7	-5	150	2	18.2	9.1	1	13.7	-2	-2	3.6
T 35296	362326	372338	-20	12.8	0.3	-5	41	0	4.2	2.8	-1	3.7	-2	-2	1.3
T 35297	362312	372358	-20	52.6	0.7	-5	194	3	27.3	9.9	1	16.4	-2	-2	3.9
T 35298	362291	372376	-20	41.7	0.6	-5	146	2	17.0	7.8	2	12.3	-2	-2	2.7
T 35299	362273	372393	-20	48.6	0.7	-5	168	3	22.2	9.4	1	13.9	-2	-2	3.3
T 35300			-20	34.1	0.4	-5	188	1	10.8	6.7	2	13.6	5	3	1.9
T 35301	362258	372410	-20	59.3	0.8	-5	160	2	20.5	11.0	1	15.3	-2	-2	4.0
T 35302	362243	372428	-20	44.1	0.7	-5	158	2	17.2	9.1	1	13.4	-2	2	3.2
T 35303	362221	372451	-20	57.9	0.8	-5	196	4	24.9	10.7	-1	15.2	-2	2	3.9
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			20.000	0.500	0.100	5.000	20.000	5.000	0.100	0.100	1.000	0.500	2.000	2.000	0.500

015115

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	IR PPB	LA PPM	LU PPM	MO PPM	RB PPM	AG PPM	SC PPM	SM PPM	TA PPM	TH PPM	W PPM	U PPM	YB PPM
T 35304	362212	372465	-20	50.4	0.7	-5	152	3	23.0	11.0	2	15.6	-2	-2	3.6
T 35305	362197	372484	-20	55.2	0.8	-5	160	2	18.6	10.1	2	13.7	4	-2	3.4
T 35306	362180	372505	-20	56.4	0.8	-5	198	3	24.2	10.2	2	16.2	-2	2	3.8
T 35307	362166	372526	-20	47.5	0.8	-5	146	3	15.9	9.3	1	15.7	-2	2	3.6
T 35308	362149	372543	-20	48.4	0.8	-5	194	3	23.9	8.7	2	15.8	-2	4	3.6
T 35309	362134	372560	-20	23.8	0.6	-5	106	2	12.5	3.4	1	9.1	-2	2	2.9
T 35310	362116	372580	-20	34.1	0.7	-5	128	3	15.9	5.9	-1	12.9	-2	3	3.6
T 35311	362097	372603	-20	49.5	0.6	-5	174	3	21.7	6.1	1	14.6	-2	-2	3.1
T 35312	362082	372622	-20	60.2	0.8	-5	192	3	24.2	13.1	2	16.9	-2	2	3.8
T 35313	362070	372638	-20	40.1	0.6	-5	155	2	20.4	8.7	1	16.7	-2	2	3.2
T 35314	362055	372656	-20	46.1	0.6	-5	145	2	18.9	9.1	1	16.5	-2	-2	3.2
T 35315	362039	372674	-20	49.1	0.7	-5	183	2	13.4	9.5	1	17.2	-2	-2	3.7
T 35316	362019	372694	-20	55.9	0.9	-5	182	4	14.7	10.5	2	17.2	-2	3	4.3
T 35317	362000	372718	-20	28.2	0.5	-5	29	0	4.7	5.3	-1	7.3	-2	-2	2.2
T 35318	361985	372734	-20	33.5	0.6	-5	101	1	25.1	8.8	1	9.1	-2	-2	3.1
T 35319	361964	372753	-20	44.0	0.7	-5	176	3	19.1	8.7	2	16.0	-2	-2	3.8
T 35320			-20	53.3	0.7	-5	78	0	18.5	10.3	2	21.1	-2	-2	3.3
T 35321	361948	372779	-20	41.8	0.8	-5	29	0	39.2	11.8	2	7.3	-2	-2	3.9
T 35322	361927	372795	-20	37.2	0.7	-5	125	1	25.6	9.6	2	7.0	-2	-2	3.6
T 35323	361909	372812	-20	40.2	0.7	-5	121	2	25.1	9.3	1	11.9	-2	-2	3.6
T 35324	361893	372829	-20	42.6	0.7	-5	115	2	20.7	9.3	2	12.9	-2	-2	3.4
T 35325	361876	372850	-20	39.0	0.6	-5	146	2	23.0	9.3	1	12.5	-2	-2	3.3
T 35326	361857	372867	-20	14.8	0.3	-5	42	0	3.2	2.7	-1	5.1	-2	-2	1.6
T 35327	361835	372882	-20	33.8	0.7	-5	139	2	14.5	11.3	-1	16.4	-2	3	3.5
T 35328	361814	372897	-20	45.7	0.5	-5	208	3	17.7	7.8	1	17.0	-2	2	2.8
T 35329	361798	372915	-20	53.8	0.6	-5	171	2	18.0	10.1	1	18.3	-2	2	3.1
T 35330	361781	372938	-20	49.1	0.6	-5	199	3	19.3	9.5	1	17.2	-2	2	3.2
T 35331	361763	372958	-20	52.3	0.6	-5	206	3	20.4	8.9	1	18.9	-2	4	3.0
T 35332	361746	372980	-20	58.9	0.6	-5	133	2	15.9	9.4	2	16.4	-2	2	3.1
T 35333	361729	372996	-20	49.0	0.6	-5	139	2	15.0	8.4	1	12.3	-2	2	2.9
T 35334	361712	373014	-20	41.8	0.6	-5	150	2	19.9	8.1	2	15.8	-2	4	3.1

Laboratory:	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	
Method :	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	
Det. Limit:	20.000	0.500	0.100	5.000	20.000	5.000	0.100	0.100	1.000	0.500	2.000	2.000	0.500	

APPENDIX 3

Regional rock chip sampling, ELs 101/87 and 13/88, Analytical Results.

RGC EXPLORATION PTY.LTD. DATA SHEET

30/ 7/91

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	NORTH metres	TNORTH metres	EAST metres	TEAST metres	GRID	KIND	ALTER	OREMIN	VEINS	ROCK	CU PPM	PB PPM	ZN PPM	SN PPM	AU PPB
T 19347		366995		375790		RC	FE			SAND	40	135	530	10	-5
T 19348		366980		375795		RC			QZ PY	VEIN	185	480	375	3	-5
T 19349		366950		375900		RC		GLJMPY		ARLI	570	580	295	57	-280
T 19351	360480		371360		MTZ					CONG	60	-5	140	11	-5
Remark: AT 255 M ON TRAVERSE ACROSS AEROMAGNETIC ANOMALY 183.															
T 19352	360610		371480		MTZ					CONG	50	10	115	12	-5
Remark: AT 80.85 ON TRAVERSE ACROSS AEROMAG ANOMALY 183.															
T 19353	360650		371530		MTZ			PY		CONG	55	5	140	10	-5
Remark: AT 25 - 30 M ON TRAVERSE ACROSS AEROMAG ANOMALY 183.															
T 19354	360750		368860		MTZ		FE			CONG	35	15	105	12	-5
Remark: WEAKLY MAGNETIC FERRUGINOUS FRAGMENTS. AEROAMAG ANOMALY															
T 19355	360880		369000		MTZ					FEST	15	-5	155	9	-5
Remark: MAGNETIC LATERITE AT 77 - 80 M ON AEROMAG ANOMALY 175 TRAVERSE.															
T 19356	361320		369060		MTZ			QZ FE		ARLI	17200	11000	8450	55	-130
Remark: OLD MINE WORKINGS NEAR COMET CK. VISIBLE MALACHITE.															
T 25023		366800		375430		RC					70	110	175	40	-5
Remark: ORE SAMPLE FROM BOOKER CREEK ADIT															
T 25024		366760		275450		RC					50	270	25	20	-5
Remark: ALTERED WHITE SPUR FORMATION FROM BOOKER CK.NEXT TO ADIT															
T 25025	63135	363135	70675	370675		RC	WD			CONG	15	85	25	-3	-5
Remark: 82M ON CONCERT CREEK TRAVERSE.															
T 25026	63275	363275	70765	370765		RC	SI				360	745	400	-3	-5
Remark: CONCERT CREEK 268M.															
T 25027	63463	363463	71193	371193		RC		QT			10	25	15	-3	-5
Remark: CONCERT CREEK 880M ? N. COMET MINE															
T 36501	363751	363751	370335	370335		RC	SI	PY		SAND	55	-5	135	-3	-5
T 36502	363805	363805	370345	370345		RC		PY		SAND	55	10	420	-3	-5
T 36503		364035		370660		RC	SI	PY		DOLM	30	365	865	4	-5
T 36504		364070		370685		RC		PY		QZIT	45	100	230	-3	-5
T 36505		364240		370660		RC		PY		DOLM	30	5	110	-3	-5
T 36506		363670		370430		RC	OX	QZSU	GA	VEIN	265	7300	11000	15	-5
T 36507		363720		370535		RC				GOSS	470	630	2550	3	-5
T 36508		363620		371305		RC	SD	SLPY	GAQZ	VEIN	635	49100	75000	-3	-5
T 36509		364065		371455		RC	SI	PY		DOLM	35	235	760	-3	-5

Laboratory:	ANALAB	ANALAB	ANALAB	ANALAB	BECQ
Method :	101	101	101	401	INAA30
Det. Limit:	5.000	5.000	5.000	3.000	5.000

15116

RGC EXPLORATION PTY.LTD. DATA SHEET

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	NORTH metres	TNORTH metres	EAST metres	TEAST metres	GRID	KIND	ALTER	OREMIN	VEINS	ROCK	CU PPM	PB PPM	ZN PPM	SN PPM	AU PPB
T 36510		364085		371450		RC			PY	DOLM	25	20	80	3	-5
T 36511		364100		371450		RC		PY	QZ	VEIN	40	75	110	3	-5
T 36512		364700		371325		RC	SI	PY		CONG	220	15	70	-3	-5
T 36513		364650		371320		RC				DOLM	50	70	270	-3	-5
T 36514		364645		370895		RC				CONG	25	10	115	-3	-5
T 36515		364145		370730		RC		PY		DOLM	55	80	330	3	-5
T 36516		364020		370690		RC	MG			GOSS	110	6800	5450	11	-5
T 36517		363520		370015		RC	SE			GOSS	30	150	500	6	-5
T 36518		363535		370010		RC	SE			GOSS	25	90	270	-3	-5
T 36519		363540		370040		RC	SE			GOSS	30	290	430	-3	-5
T 36520		363795		372130		RC	SI			VEIN	660	2150	690	7	-10
T 36521		363799		372130		RC	SI			FALT	80	865	530	-3	-5
T 36522		363970		370425		RC	CLPY			SAND	45	15	145	-3	-5
T 36523		364090		371555		RC	SIPY			DOLM	20	25	50	-3	-5
T 36524		363751		370553		RC	SI			GOSS	145	65	875	-3	-5
T 36525		364725		371395		RC				CONG	50	130	330	-3	-5

Laboratory:	ANALAB	ANALAB	ANALAB	ANALAB	BECQ
Method :	101	101	101	401	INAA30
Det. Limit:	5.000	5.000	5.000	3.000	5.000

RGC EXPLORATION PTY.LTD. DATA SHEET

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	SB PPM	AS PPM	BA PPM	BR PPM	CE PPM	CS PPM	CR PPM	CO PPM	EU PPM	HF PPM	FE %
T 19347	366995	375790	30.2	29	660	3	89	14	73	20	1	5	5.95
T 19348	366980	375795	249.0	59	-100	14	10	-1	12	31	0	-1	10.20
T 19349	366950	375900		1240	-2500	-110	-39	-9	-120	-9	-5	-6	27.10
T 19351	360480	371360	0.4	-2	250	-2	54	2	180	37	1	6	7.87
T 19352	360610	371480	0.7	10	280	3	57	4	170	13	1	5	5.99
T 19353	360650	371530	1.6	24	220	-2	60	4	170	23	1	5	6.90
T 19354	360750	368860	1.5	8	110	7	78	4	210	22	2	7	11.50
T 19355	360880	369000	0.8	47	-100	23	5	1	50	38	-0	-1	45.10
T 19356	361320	369060		2720	-1300	-40	-21	-4	120	12	3	-3	9.85
T 25023	366800	375430	6.5	35	-100	2	-2	-1	7	5	-0	-1	55.60
T 25024	366760	275450	133.0	16	840	-2	100	7	7	1	2	8	1.40
T 25025	363135	370675	16.0	16	-100	12	6	-1	13	20	-0	-1	2.90
T 25026	363275	370765	18.0	180	-100	4	6	-1	13	11	-0	-1	15.00
T 25027	363463	371193	3.0	4	-100	3	-2	-1	-5	-1	-0	-1	0.89
T 36501	363751	370335	0.8	3	135	-2	5	7	202	61	0	-1	9.09
T 36502	363805	370345	1.0	4	265	3	6	4	1000	51	-0	-1	9.62
T 36503	364035	370660	6.7	63	-100	3	10	3	4100	78	-0	-1	12.30
T 36504	364070	370685	10.2	101	-100	2	-2	1	5000	32	-0	-1	5.60
T 36505	364240	370660	0.7	5	-100	-2	4	1	3140	21	-0	-1	4.40
T 36506	363670	370430	76.5	351	1330	2	20	2	5180	2070	3	-1	18.80
T 36507	363720	370535	10.3	170	2510	3	78	1	3000	1230	4	-1	10.00
T 36508	363620	371305	51.7	228	-100	-2	2	2	27	48	-0	-1	11.70
T 36509	364065	371455	1.3	6	390	2	25	2	32	21	-0	1	1.65
T 36510	364085	371450	0.8	-2	-100	-2	33	2	30	10	0	2	3.86
T 36511	364100	371450	1.0	6	321	-2	37	3	33	14	0	6	3.51
T 36512	364700	371325	0.7	7	-100	-2	39	3	801	19	0	2	3.36
T 36513	364650	371320	2.1	26	101	-2	-2	1	3100	125	0	-1	9.37
T 36514	364645	370895	0.8	2	671	-2	119	6	30	11	1	4	1.16
T 36515	364145	370730	1.4	9	-100	-2	-2	-1	5450	81	-0	-1	5.26
T 36516	364020	370690	32.7	2140	-100	7	11	1	1790	197	1	-1	36.70
T 36517	363520	370015	0.9	18	-100	11	8	-1	22100	171	-0	1	32.70
T 36518	363535	370010	1.2	21	194	8	4	-1	23000	199	-0	2	36.20
T 36519	363540	370040	2.2	18	-100	9	8	-1	27500	255	-0	1	33.30
T 36520	363795	372130	1100.0	1100	323	8	64	2	164	78	1	1	16.90
T 36521	363799	372130	6.6	104	-100	-2	30	4	39	120	0	1	10.70
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			0.200	2.000	50.000	2.000	5.000	1.000	5.000	1.000	1.000	1.000	0.050

RGC EXPLORATION PTY.LTD. DATA SHEET

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	SB PPM	AS PPM	BA PPM	BR PPM	CE PPM	CS PPM	CR PPM	CO PPM	EU PPM	HF PPM	FE %
T 36522	363970	370425	2.5	9	101	-2	-2	7	42	104	-0	-1	11.50
T 36523	364090	371555	0.7	-2	-100	-2	4	-1	17	3	-0	-1	1.30
T 36524	363751	370553	19.0	431	137	5	-2	1	8350	57	0	-1	27.20
T 36525	364725	371395	69.8	796	-100	2	-2	1	2060	70	0	-1	37.20

Laboratory:	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:	0.200	2.000	50.000	2.000	5.000	1.000	5.000	1.000	1.000	1.000	0.050

RGC EXPLORATION PTY.LTD. DATA SHEET

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PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	IR PPB	LA PPM	LU PPM	MO PPM	RB PPM	AG PPM	SC PPM	SM PPM	TA PPM	TH PPM	W PPM	U PPM	YB PPM
T 19347	366995	375790	-20	49.0	0.6	-5	110	2	12.5	6.6	2	19.0	7	3	3.0
T 19348	366980	375795	-20	6.1	0.3	-5	38	0	1.7	1.7	-1	2.0	-2	-2	0.9
T 19349	366950	375900	-270	21.0	-5.0	-180	-170	-5	2.9	2.0	-12	-9.6	-120	-90	-5.1
T 19351	360480	371360	-20	28.0	0.6	-5	29	0	26.2	7.9	3	7.2	-2	-2	3.1
T 19352	360610	371480	-20	29.0	0.5	-5	70	1	22.5	6.4	1	9.2	-2	-2	2.7
T 19353	360650	371530	-20	31.0	0.6	-5	75	1	24.8	7.9	1	9.1	-2	-2	3.2
T 19354	360750	368860	-20	43.0	0.6	-5	80	1	30.9	8.8	2	8.8	-2	-2	3.3
T 19355	360880	369000	-20	3.8	-0.2	-5	99	-0	4.5	1.0	-1	1.3	-2	-2	-0.5
T 19356	361320	369060	-150	6.7	2.1	-86	-86	-0	10.0	1.0	-6	-5.1	140	-42	-2.5
T 25023	366800	375430	-20	0.6	-0.2	-9	98	-0	5.0	0.6	-1	1.1	12	-2	-0.5
T 25024	366760	275450	-20	54.6	0.9	-5	180	3	19.0	12.0	-1	16.0	11	3	4.2
T 25025	363135	370675	-20	2.3	-0.2	-5	-20	-0	1.3	0.7	-1	1.2	59	-2	-0.5
T 25026	363275	370765	-20	3.1	-0.2	-5	28	-0	1.1	0.9	-1	1.1	21	2	-0.5
T 25027	363463	371193	-20	0.9	-0.2	-5	-20	-0	2.7	0.4	-1	0.7	19	-2	-0.5
T 36501	363751	370335	-20	2.3	0.7	-5	56	1	51.6	1.5	-1	0.8	-2	-2	3.7
T 36502	363805	370345	-20	2.4	0.2	-5	63	0	40.8	0.9	-1	-0.5	-2	-2	1.6
T 36503	364035	370660	-20	5.1	-0.2	-5	52	-0	17.3	0.9	-1	0.9	-2	-2	-0.5
T 36504	364070	370685	-20	-0.5	-0.2	-5	-20	-0	22.5	0.3	-1	-0.5	-2	-2	-0.5
T 36505	364240	370660	-20	2.0	-0.2	-5	-20	-0	5.6	1.1	-1	-0.5	-2	-2	-0.5
T 36506	363670	370430	-20	9.9	-0.2	-5	31	-0	14.6	9.0	-1	1.1	-2	-2	1.9
T 36507	363720	370535	-20	9.7	0.4	-5	46	0	17.4	13.3	1	-0.5	-2	-2	3.1
T 36508	363620	371305	-20	1.4	-0.2	-5	47	0	1.4	1.0	-1	0.5	-2	-2	-0.5
T 36509	364065	371455	-20	12.6	-0.2	-5	67	1	6.1	2.7	-1	4.2	-2	-2	1.0
T 36510	364085	371450	-20	17.0	0.3	-5	52	0	7.9	4.2	-1	5.8	-2	-2	1.6
T 36511	364100	371450	-20	18.8	0.4	-5	87	1	6.7	3.6	-1	5.8	-2	-2	1.8
T 36512	364700	371325	-20	20.1	0.3	-5	40	0	12.0	3.7	-1	5.4	-2	-2	1.5
T 36513	364650	371320	-20	0.8	-0.2	-5	-20	-0	15.9	1.3	-1	-0.5	-2	-2	-0.5
T 36514	364645	370895	-20	69.4	0.5	-5	140	3	3.2	7.5	1	34.6	-2	7	2.7
T 36515	364145	370730	-20	-0.5	-0.2	-5	-20	-0	5.6	0.3	-1	-0.5	-2	-2	-0.5
T 36516	364020	370690	-20	2.0	0.3	-10	76	-0	5.2	5.6	-1	-0.5	-2	-2	0.9
T 36517	363520	370015	27	2.5	0.4	-10	49	-0	2.1	0.4	-1	1.1	-2	-2	-0.5
T 36518	363535	370010	28	2.4	0.4	-10	94	-0	1.9	0.5	-1	0.9	-2	-2	-0.5
T 36519	363540	370040	21	3.4	0.5	-10	65	-0	2.5	0.6	-1	1.2	-2	-2	-0.5
T 36520	363795	372130	-20	31.2	0.5	-10	149	3	12.6	6.7	1	7.1	10	-4	0.6
T 36521	363799	372130	-20	10.5	0.2	-5	50	0	8.3	3.5	-1	3.2	-2	-2	1.4
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			20.000	0.500	0.100	5.000	20.000	5.000	0.100	0.100	1.000	0.500	2.000	2.000	0.500

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	IR PPB	LA PPM	LU PPM	MO PPM	RB PPM	AG PPM	SC PPM	SM PPM	TA PPM	TH PPM	W PPM	U PPM	YB PPM
T 36522	363970	370425	-20	0.5	0.8	-5	28	0	47.5	1.2	-1	-0.5	-2	-2	4.0
T 36523	364090	371555	-20	1.7	-0.2	-5	-20	-0	1.7	0.9	-1	2.8	-2	-2	-0.5
T 36524	363751	370553	-20	3.6	0.3	-5	77	-0	7.4	2.3	-1	1.1	-2	-2	0.8
T 36525	364725	371395	-20	0.7	-0.2	-5	89	0	7.2	0.8	-1	0.6	-2	-2	-0.5

Laboratory:	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	
Method :	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	
Det. Limit:	20.000	0.500	0.100	5.000	20.000	5.000	0.100	0.100	1.000	0.500	2.000	2.000	0.500	

RGC EXPLORATION PTY.LTD. DATA SHEET

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PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	NORTH metres	TNORTH metres	EAST metres	TEAST metres	GRID	KIND	COLOUR	COMPOS	SLOPE	SOIL	CU PPM	PB PPM	ZN PPM	SN PPM	AU PPB
T 35106	6800	366815	8110	375450	RR	SAC	AU	CY	4 130	R	5	25	65	8	-5
T 35107	6800	366815	8100	375440	RR	SAC	A	CY SN	4 100	R	25	30	15	7	-5
T 35108	6800	366815	8090	375430	RR	SAC	O	CY	4 210	R	20	40	35	3	-5
T 35109	6800	366815	8080	375420	RR	SAC	OU	CY	4 240	R	25	35	45	4	-5
T 35110	6800	366815	8070	375410	RR	SAC	OU	CY	4 230	R	25	55	35	4	-5
T 35111	6800	366815	8060	375400	RR	SAC	OA	CY	3 220	R	20	40	50	4	-5
T 35112	6740	366755	8120	375465	RR	SAC	RU	CY	5 115	R	70	150	45	6	-5
T 35113	6740	366755	8110	375455	RR	SAC	UO	CY SIL	4 150	R	395	1000	110	14	-18
T 35114	6740	366755	8100	375445	RR	SAC	OU	CY SN	3 155	R	50	210	75	5	-5
T 35115	6740	366755	8090	375435	RR	SAC	OU	CY	5 160	R	45	335	85	11	-5
T 35116	6740	366755	8080	375425	RR	SAC	AO	CY	3 90	R	15	45	35	3	-5
T 35117	6740	366755	8070	375415	RR	SAC	UO	CY	3 200	R	10	35	20	-3	-5
T 35118	6740	366755	8060	375405	RR	SAC	AU	CY	2 190	R	10	15	10	-3	-5
T 35119	6690	366705	8120	375475	RR	SAC	OA	CY	5 90	R	5	140	30	7	-5
T 35120															3150
T 35121	6690	366705	8110	375465	RR	SAC	3U	CY	4 155	R	10	325	65	5	-5
T 35122	6690	366705	8100	375455	RR	SAC	2U	CY SN	4 176	R	25	170	20	4	-5
T 35123	6690	366705	8090	375445	RR	SAC	3A	CY SN	4 170	R	25	65	45	4	-5
T 35124	6690	366705	8080	375435	RR	SAC	3A	CY SN	4 115	R	90	335	145	7	-5
T 35125	6690	366705	8070	375425	RR	SAC	OU	CY	4 120	R	65	305	60	-3	-5
T 35126	6690	366705	8060	375415	RR	SAC	OU	CY	3 108	R	90	645	95	8	-5
T 35127	6690	366705	8060	375405	RR	SAC	OU	CY	3 93	R	120	750	300	9	-5
T 35128	6690	366705	8040	375395	RR	SAC	OA	CY SN	2 80	R	25	335	145	4	-5
T 35129	6690	366705	8030	375385	RR	SAC	OA	CY SN	2 120	R	20	125	120	4	-5
T 35130		366815		375900	RR	SAC	30	CY	4 269	R	5	185	30	6	-5
T 35131		366815		375890	RR	SAC	3A	SN SIL	4 240	R	5	105	15	5	-5
T 35132		366815		375880	RR	SAC	3A	SN SIL	3 200	R	-5	260	10	4	-5
T 35133		366815		375870	RR	SAC	AU	CY SN	4 144	R	5	65	45	3	-5
T 35134		366815		375860	RR	SAC	3A	CY	3 185	R	5	40	10	-3	-5
T 35135		366815		375850	RR	SAC	OA	CY SN	4 168	R	5	35	5	4	-5
T 35136		366815		375840	RR	SAC	3A	CY SN	5 100	R	5	60	15	3	-5
T 35137		366815		375830	RR	SAC	AU	CY	4 136	R	15	85	40	-3	-5
T 35138		366815		375820	RR	SAC	AU	CY SN	3 186	R	5	35	10	-3	-5
T 35139		366815		375810	RR	SAC	YU	CY PEB	2 110	R	20	135	80	-3	-5
T 35140															242
Laboratory:											ANALAB	ANALAB	ANALAB	ANALAB	BECQ
Method :											101	101	101	401	INAA30
Det. Limit:											5.000	5.000	5.000	3.000	5.000

15746

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	NORTH metres	TNORTH metres	EAST metres	TEAST metres	GRID	KIND	COLOUR	COMPOS	SLOPE	SOIL	CU PPM	PB PPM	ZN PPM	SN PPM	AU PPB
T 35141		366815		375800	RR	SAC	YU	CY	3 150	R	10	45	30	3	-5
T 35142		366815		375790	RR	SAC	OU	CY	5 195	R	5	25	20	3	-5
T 35143		366815		375780	RR	SAC	3A	CY	4 131	R	5	40	20	5	-5
T 35144		366815		375770	RR	SAC	AO	CY	4 127	R	5	25	10	-3	-5
T 35145		366815		375760	RR	SAC	3O	CY SN	5 155	R	5	50	15	5	-5
T 35146		366815		375750	RR	SAC	AO	CY SN	3 78	R	5	15	10	8	-5
T 35147		366815		375740	RR	SAC	O	CY	5 290	R	10	85	25	4	-5
T 35148		366815		375730	RR	SAC	U	CY	4 105	R	30	255	290	-3	-10
T 35149		366815		375720	RR	SAC	OU	CY	5 295	R	20	130	75	4	-5

Laboratory:	ANALAB	ANALAB	ANALAB	ANALAB	BECQ
Method :	101	101	101	401	INAA30
Det. Limit:	5.000	5.000	5.000	3.000	5.000

RGC EXPLORATION PTY.LTD. DATA SHEET

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PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	SB PPM	AS PPM	BA PPM	BR PPM	CE PPM	CS PPM	CR PPM	CO PPM	EU PPM	HF PPM	FE %
T 35106	366815	375450	16.7	12	475	17	124	3	12	-1	2	5	0.81
T 35107	366815	375440	13.8	12	685	7	75	8	80	5	1	5	0.95
T 35108	366815	375430	7.6	17	1410	48	75	7	77	3	1	5	4.38
T 35109	366815	375420	5.6	17	1710	70	68	8	82	4	1	5	5.11
T 35110	366815	375410	16.5	14	1700	74	75	6	84	5	1	5	5.80
T 35111	366815	375400	2.1	9	980	63	78	5	52	7	1	5	4.97
T 35112	366755	375465	201.0	81	383	22	87	1	21	-1	1	4	2.25
T 35113	366755	375455	1890.0	130	327	35	65	-1	-15	-1	1	4	8.89
T 35114	366755	375445	179.0	34	436	25	131	2	9	-1	2	5	2.31
T 35115	366755	375435	147.0	27	614	12	115	4	11	1	2	5	4.87
T 35116	366755	375425	36.9	17	1050	6	79	6	60	2	1	6	2.65
T 35117	366755	375415	5.1	12	716	50	75	4	43	-1	1	6	1.92
T 35118	366755	375405	5.1	11	846	18	83	5	56	-1	1	6	2.00
T 35119	366705	375475	30.0	60	455	26	93	3	39	-1	1	4	2.62
T 35120			0.5	35	244	3	94	6	155	63	1	8	9.06
T 35121	366705	375465	52.7	75	534	50	100	3	35	1	1	4	3.61
T 35122	366705	375455	113.0	59	256	10	96	-1	16	-1	1	4	0.72
T 35123	366705	375445	22.3	41	268	8	86	1	15	-1	1	3	1.52
T 35124	366705	375435	353.0	163	166	13	80	-1	19	1	2	3	9.31
T 35125	366705	375425	156.0	133	422	17	104	3	50	-1	1	5	5.52
T 35126	366705	375415	346.0	160	438	31	81	1	29	2	1	3	8.64
T 35127	366705	375405	381.0	147	409	24	87	1	25	2	1	4	10.80
T 35128	366705	375395	79.5	42	619	8	99	7	12	-1	2	6	3.29
T 35129	366705	375385	28.6	28	605	5	61	4	53	6	1	7	3.44
T 35130	366815	375900	18.6	10	603	25	77	5	27	-1	1	6	2.08
T 35131	366815	375890	4.1	-2	724	3	130	4	34	-1	2	6	0.63
T 35132	366815	375880	4.8	-2	653	2	71	4	11	-1	1	4	0.52
T 35133	366815	375870	15.5	11	375	14	30	1	10	1	-0	8	0.89
T 35134	366815	375860	7.9	2	349	9	60	2	19	-1	1	8	0.48
T 35135	366815	375850	13.0	-2	673	6	98	3	37	-1	1	5	0.89
T 35136	366815	375840	5.2	-2	1250	8	110	4	30	-1	1	6	0.86
T 35137	366815	375830	34.0	12	615	41	88	7	102	5	1	4	2.13
T 35138	366815	375820	5.5	-2	456	6	89	2	20	-1	0	4	0.53
T 35139	366815	375810	66.0	35	523	23	82	10	161	13	1	4	3.57
T 35140			-0.2	4	643	-2	84	9	332	32	1	8	5.58
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			0.200	2.000	50.000	2.000	5.000	1.000	5.000	1.000	1.000	1.000	0.050

01/4

15116

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	SB PPM	AS PPM	BA PPM	BR PPM	CE PPM	CS PPM	CR PPM	CO PPM	EU PPM	HF PPM	FE %
T 35141	366815	375800	106.0	25	492	22	85	9	151	1	1	4	2.77
T 35142	366815	375790	20.4	4	631	12	86	10	181	-1	1	5	1.84
T 35143	366815	375780	18.3	7	379	24	117	7	79	-1	1	5	1.60
T 35144	366815	375770	6.1	2	330	12	119	5	56	-1	1	5	0.67
T 35145	366815	375760	34.9	7	370	16	112	5	45	-1	1	4	1.84
T 35146	366815	375750	92.1	23	339	9	121	6	55	-1	1	5	2.03
T 35147	366815	375740	89.5	35	535	12	85	4	37	-1	1	4	3.21
T 35148	366815	375730	915.0	150	626	58	67	9	71	83	0	3	10.50
T 35149	366815	375720	119.0	54	565	33	84	5	78	13	1	4	4.78

Laboratory:	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:	0.200	2.000	50.000	2.000	5.000	1.000	5.000	1.000	1.000	1.000	0.050

01/10
15143

RGC EXPLORATION PTY.LTD. DATA SHEET

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	IR PPB	LA PPM	LU PPM	MO PPM	RB PPM	AG PPM	SC PPM	SM PPM	TA PPM	TH PPM	W PPM	U PPM	YB PPM
T 35106	366815	375450	-20	66.1	0.7	-5	90	1	4.5	11.1	1	15.1	-2	-2	3.4
T 35107	366815	375440	-20	40.4	0.5	-5	157	3	11.8	6.3	-1	12.9	-2	3	2.5
T 35108	366815	375430	-20	39.8	0.5	-5	134	1	15.0	7.0	1	12.3	-2	-2	2.7
T 35109	366815	375420	-20	34.9	0.5	-5	136	2	17.0	6.6	1	12.6	-2	2	2.7
T 35110	366815	375410	-20	39.4	0.6	-5	130	1	15.7	7.3	1	12.0	-2	-2	2.8
T 35111	366815	375400	-20	41.1	0.6	-5	71	0	15.5	7.6	1	10.4	-2	-2	2.9
T 35112	366755	375465	-20	49.4	0.4	-5	53	1	4.9	6.0	-1	11.7	6	2	1.9
T 35113	366755	375455	-20	45.5	-0.7	-14	111	4	9.7	6.7	-1	9.5	-2	-5	0.8
T 35114	366755	375445	-20	69.9	0.7	-5	81	1	4.7	12.6	1	14.7	-2	-2	3.1
T 35115	366755	375435	-20	59.4	0.6	-5	136	2	9.5	11.7	-1	11.9	-2	-2	2.9
T 35116	366755	375425	-20	41.7	0.5	-5	126	1	12.8	7.5	1	11.5	-2	-2	2.5
T 35117	366755	375415	-20	40.5	0.5	-5	71	0	9.6	7.5	1	9.3	-2	-2	2.2
T 35118	366755	375405	-20	44.4	0.5	-5	98	1	11.8	8.1	2	10.6	-2	-2	2.6
T 35119	366705	375475	-20	52.8	0.5	-5	93	1	8.2	6.6	1	13.7	4	2	2.3
T 35120			-20	52.6	0.7	-5	92	0	18.6	10.8	1	21.7	2	-2	3.3
T 35121	366705	375465	-20	55.6	0.5	-5	98	1	7.4	6.6	1	14.9	7	4	2.3
T 35122	366705	375455	-20	56.2	0.4	-5	26	0	2.9	6.4	-1	10.7	8	-2	2.1
T 35123	366705	375445	-20	49.2	0.4	-5	38	0	3.3	5.4	-1	10.6	8	2	2.0
T 35124	366705	375435	-20	48.7	0.7	-5	61	1	4.7	6.8	1	9.1	6	3	2.7
T 35125	366705	375425	-20	59.0	0.5	-5	101	1	8.4	8.5	1	14.0	4	4	2.2
T 35126	366705	375415	-20	48.3	0.5	-5	80	1	6.1	6.8	1	11.8	4	-2	1.6
T 35127	366705	375405	-20	52.8	0.6	-5	97	1	5.7	7.6	-1	13.3	5	-2	2.1
T 35128	366705	375395	-20	52.1	0.7	-5	161	2	11.8	10.2	-1	13.4	-2	3	3.5
T 35129	366705	375385	-20	32.3	0.6	-5	64	1	21.4	8.9	-1	8.5	-2	-2	2.9
T 35130	366815	375900	-20	40.4	0.6	-5	114	1	11.6	6.6	-1	12.0	-2	2	2.7
T 35131	366815	375890	-20	61.9	0.6	-5	106	2	9.4	11.3	-1	13.9	-2	3	2.9
T 35132	366815	375880	-20	36.2	0.4	-5	87	1	6.6	6.2	1	8.4	-2	-2	2.0
T 35133	366815	375870	-20	16.5	0.5	-5	36	0	9.1	2.4	1	9.1	-2	2	2.3
T 35134	366815	375860	-20	30.9	0.5	-5	47	0	7.5	4.8	1	9.4	-2	2	2.4
T 35135	366815	375850	-20	49.1	0.5	-5	93	1	6.6	7.3	1	12.1	3	-2	2.3
T 35136	366815	375840	-20	54.6	0.7	-5	117	1	7.0	8.3	1	15.4	-2	2	3.1
T 35137	366815	375830	-20	42.9	0.5	-5	127	1	12.6	7.1	1	11.8	2	-2	2.3
T 35138	366815	375820	-20	44.6	0.7	-5	37	0	3.8	5.9	1	16.3	-2	2	3.2
T 35139	366815	375810	-20	39.3	0.5	-5	162	2	17.6	7.3	1	12.0	-2	-2	2.5
T 35140			-20	42.8	0.6	-5	112	1	12.3	8.4	1	16.8	5	2	2.7
Laboratory:			BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :			INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:			20.000	0.500	0.100	5.000	20.000	5.000	0.100	0.100	1.000	0.500	2.000	2.000	0.500

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15150

PROJECT: DUNDAS INC. MONTEZUMA

SAMPLE NUMBER	TNORTH metres	TEAST metres	IR PPB	LA PPM	LU PPM	MO PPM	RB PPM	AG PPM	SC PPM	SM PPM	TA PPM	TH PPM	W PPM	U PPM	YB PPM
T 35141	366815	375800	-20	41.7	0.5	-5	150	2	15.5	7.2	1	10.8	2	-2	2.2
T 35142	366815	375790	-20	42.3	0.5	-5	195	3	19.0	7.2	1	11.9	-2	2	2.3
T 35143	366815	375780	-20	57.4	0.6	-5	113	1	11.5	8.9	1	13.6	2	2	2.7
T 35144	366815	375770	-20	59.9	0.5	-5	93	1	8.5	8.4	1	14.0	3	2	2.5
T 35145	366815	375760	-20	55.2	0.5	-5	96	1	8.8	7.8	1	13.9	3	3	2.4
T 35146	366815	375750	-20	60.0	0.5	-5	76	1	7.6	8.3	1	13.2	4	-2	2.4
T 35147	366815	375740	-20	43.8	0.4	-5	117	2	15.2	6.3	-1	10.2	-2	3	2.1
T 35148	366815	375730	-20	29.6	0.5	-5	120	2	17.2	5.1	-1	11.0	-2	-2	1.2
T 35149	366815	375720	-20	40.8	0.4	-5	113	2	13.1	6.2	1	12.6	2	-2	2.0

Laboratory:		BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ	BECQ
Method :		INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30	INAA30
Det. Limit:	20.000	0.500	0.100	5.000	20.000	5.000	0.100	0.100	1.000	0.500	2.000	2.000	0.500	

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APPENDIX 4

An Interpretation Form of Pine Hill Granite, Dundas-Renison-Williamsford Area, EL 101/87 and 13/88 for RGC Exploration Pty. Ltd. by Dr. D.E. Leaman.

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151153

AN INTERPRETATION FORM OF PINE HILL GRANITE

DUNDAS-RENISON-WILLIAMSFORD AREA EL 101/87 AND 13/88

for
RGC Exploration Pty Limited

by
Dr. D.E. Leaman

December 1990

DUNDAS

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MAPS

1 Bouguer anomalies
2 Current granite model interpretation

Maps are included in separate pockets.

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SUMMARY

Review of extant gravity data, supplemented by a new infill survey, in the Dundas area has enabled considerable refinement of previous models and concepts of the form of the Pine Hill Granite in the region between its exposure at Pine Hill and Dundas.

This interpretation, although limited by assumptions concerning the bulk properties of the intruded rocks and the scale and nature of the disruption of the sequence north of Dundas, has defined several definite elements of the granite form.

There is a clear correlation between granite form and many observed fault and fold patterns across the licence areas. It may be inferred that the granite has been affected by, and modified high level manifestations of, pre-existing fractures.

There is also a positive association with known mineralisation, particular forms of the granite and those structures which presented primary controls on intrusion. Some of these are not obvious in surface mapping which may not distinguish them due to existence of other faults, or due to their modification upon intrusion or deformation. Many low angle structures conceal key elements of these relationships.

The association between granite form and mineralisation is of two types.
Small prospects or mines may be related indirectly to the granite by significant structures. The Milton prospect near Williamsford is of this type; the structural link being the Rosebery Fault which has plumbed a fluid source to the east.
Other prospects, including Renison Mine itself, may be more directly associated with the primary granite fracture system developed during intrusion. Prospects of this type are associated with projections of the wall forms.
Both associations can only be appreciated or recognised after basic interpretation of the form of the granite.
Each association suggests other possible targets and follow up review of possible host and fracture transfer conditions is now recommended in the east Razorback and Dundas areas, and between Carbine Hill and Godkin Ridge.
Detailed review of the gravity data, coupled with magnetic data analysis, should assist such assessments.

The present analysis indicates some depth limitation of potential hosts and deposits. Modelling and profile analysis has shown that a variable density contrast profile is required between the granite and the intruded rocks. This may mean local siliceous cappings but the general implication is for termination of Dundas Group, Oonah, Crimson Creek and Success Creek Formations at an average depth of about 1500 m - where such a volume is available above the granite - and that the root of the granite is emplaced in predominantly siliceous basement.

The present work provides a guide for further exploration.

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INTRODUCTION

ELs 101/87, Dundas, and 13/88, Williamsford, are located immediately south and east of Renison Bell and Renison mine in western Tasmania (see Figure 1).

This important mineralised area contains an array of deposits which have been previously worked. It also includes some tin deposits, such as that at Razorback, and the world class Renison deposit.

In order to understand the relationships between these deposits and the Devonian Pine Hill Granite, exposed two kilometres south of Renison, gravity data have been reviewed and interpreted.

Previous interpretations of more regional and indicative nature have been reported which demonstrate the efficacy of this approach. These were summarised in Chapter 15 of Leaman & Richardson (1989a). Figure 2 presents the net conclusion of this previous work which shows that the granite was inferred to shelve steeply southward toward Dundas. The dominant relief upon the granite spine was shown to trend ENE from Pine Hill.
This diagram suggests the general relationship between mineralisation and granite shelf but does not provide any specific guidance for prospect or EL evaluation.
It was based on simplified analysis of the regional data base current in 1987.

This report examines the gravity data within the Renison - Dundas - Williamsford area in order to provide a more refined and specific description.

The gravity data used were obtained from the state gravity data base (TASGRAV) maintained by the Department of Mineral Resources and Energy. This data was supplemented by infill surveys undertaken by RGC Exploration. Map 1 presents a compilation of this data for the area centred on the licences. All Bouguer reductions include a 22 km terrain correction and use of crustal density 2.67 gm/cc. The nominal station spacing is about 300-500 m, although some large gaps are present, and station locations are shown in Map 1.

The present report describes preliminary analysis of this data using three dimensional methods applied to residual profiles generated after removal of the deep crustal and oceanic components as defined by Leaman & Richardson (1989b). This presentation provides a normal relativity of response patterns free of regional gradient distortions.

Interpretation has been halted at the point at which the general form of the granite has been defined, many secondary issues have become relevant for further analysis and the general relationship between known mineralisation and the form of the granite is sufficiently well known to prescribe target areas for further work of all types.

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GRAVITY SURVEY

The extant Tasmanian gravity data base for the Dundas - Renison - Williamsford area consisted of stations approximately 1 km apart. These had been acquired during an early phase of the Mt Read Volcanics Project by the Department of Mines and given a first interpretation by Leaman (1986) and Leaman and Richardson (1989a).

The coverage was adequate to define the gross extent of the Pine Hill Granite and demonstrate its significance. It was not sufficient for any specific exploration or evaluation of moderate areas. An infill survey with a nominal spacing of 300 to 500 m was proposed. The ultimate coverage was determined by available access and gridding. Map 1 indicates the final status of coverage. A large gap in coverage west of Colebrook Hill has not been significantly reduced due to limited access.

The survey was undertaken by Mackie Martin Pty Ltd (Bettina Townrow observer) during October and November 1990 to specifications compatible with the Mt Read coverage. It was linked to state datum at Rosebery and Zeehan. All stations were corrected for instrumental drift (and tide) and referred to an internal tie network. Reproducibility of observed gravity is of the order of 0.04 mGal.
All elevations were determined barometrically using survey spot points for control. Several loops were repeated due to limited control, difficult terrain, long repeat times and changeable weather. It is not possible to offer a general estimate of precision in the rugged Dundas terrain but all linked network points were reproduced within 4 or 5 m, some near the ultimate practical precision of about 1 m. It should be assumed, however, that the general reproducibility is about 4 m.
All stations were terrain corrected to a radius of 22 km. Corrections range up to 8 mGal and may have an error of 5% due to uncertainties about precise location within the terrain and limited local descriptions about the station.
An error will be due to underestimation of the effect.
The data have been contoured using a 1 mGal interval due to these limitations.

Data was reduced using the 1930 ellipsoid compatibly with the Tasmanian data base with a Bouguer density of 2.67 gm/cc.

A tabulation of the infill survey is given in the Appendix.

ROCKS AND ROCK PROPERTIES

No specific study of rock properties has been undertaken in order to provide the present interpretation. All work has been referenced against the geological maps of Blissett & Gulline (1962) and the recent compilation by RGC Exploration (John Crossing, June 1990) presented as a base to some figures.

Late Precambrian rocks of the Oonah Formation are exposed within the area. These include carbonates and various other sediments but are intensely deformed and faulted. Leaman (1986, 1990) has argued that the fault-bounded blocks of Oonah Formation represent pop-up blocks dislocated from thrust slices. Dundas Group and various lower Cambrian rock suites are exposed across the bulk of the area studied. These units are intensely faulted and contain numberous slices of mafic and ultramafic rocks. Several deformed lower Cambrian thrust sheets are present.
Leaman (1986), and Berry and Crawford (1988), have suggested major thrusts within this association of structures. Eastward translation of the Oonah Formation across a large part of the Lower Palaeozoic sections was implied by Leaman (1986). Similar displacements are implied within the Cambrian rocks. East facing structures are impressed upon these and the most notable is the Rosebery Fault which is exposed near Williamsford.
The resultant pattern is structurally complex and not yet adequately defined.

Nominal rock properties based on general experience of the exposed materials have been employed but tested against the controls afforded by the magnitude of anomalies across the granite boundary exposed at Pine Hill.
Figures 9 and 12 provide an example of these tests to suggest that the appropriate bulk contrast between granite and country rock - as a package - does not exceed 0.12 gm/cc.
Since the bulk density of the granite is of the order of 2.61 to 2.63 gm/cc then the implied bulk density of the intruded rocks is about 2.75 gm/cc. This is consistent with sample determinations obtained during the Mt Read Volcanics Project for both Oonah Formation and most Cambrian rocks (excluding mafics).
Ordovician, Silurian and Devonian rocks are also variable but generally much less dense. Siliceous rocks may have densities of 2.5-2.55 gm/cc while carbonates may be 2.74-2.84 gm/cc. Siliceous Tyennan-style Precambrian rocks have bulk densities of the order or 2.67 gm/cc.
Modelling of the marked regional negative Bouguer anomaly due to the granite has shown, however, that the maximum contrast cannot be applied to the entire intrusion implying that there are significant density variations within either granite or country rocks at high levels or that the contrast between granite and intruded rocks decreases with depth. High level variations in intruded rocks are to be expected in this area but the second observation suggests a predominantly siliceous section at depths greater than about 1500 m.

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FEATURES OF GRAVITY FIELD

Map 1 displays all the salient features of the gravity field. Figure 3 presents this map with and without a geological basemap.

The gravity field is variable in intensity across the entire area but essentially defines an approximate semi circular negative anomaly pattern which arcs from near Rosebery in the north east to a little east of Renison Bell, south to Dundas and then south east. This gross pattern is unclosed in Map 1 and is marked by a variable but generally marked gradient and a magnitude change of never less than seven or eight mGal. The intrusion responsible for this anomaly pattern is very large, extends eastward, and has an irregular roof. The exposure at Pine Hill must represent a very small part of the roof and the body is larger than suggested in Figure 2.

Map 1 presents the observed Bouguer anomalies and the general regional gradient from east to west is included.
Markedly anomalous negative features may be noted between Pine Hill and Renison Mine, near 369 000 mE, 5369 500 mN, east of Razorback and SSE of Rosebery.

Other local, large negative effects may be observed near the Zeehan Highway (366 000 mE, 5363 000 mN) and these are related to Ordovician-Devonian sedimentary rocks.

Review of the available geological compilations and correlations with the gravity field (e.g., Figure 3B) shows that many secondary gradients observed within the principal anomalies generally reflect mapped patterns - in terms of orientation and nominal position. The gravity gradients may well be used to revise mapped positions or review mapping or imply the location of the fundamental upper crustal structures which have been rejuvenated and impressed in presently exposed rocks and which may have controlled intrusion of the granite as well. The most marked of these structures extends from Melba Flats to Argent Dam, South Mt Dundas to Nevada Creek and Svengali to east Moores Pimple.

Figure 4 presents a basic trend compilation using available geological and gravity data. Dominant trends are north of east, northeast, north-south and northwest although elements of near east-west trends are also visible. The irregular distribution of data suggests that all these orientations are real and not artifacts of coverage.

Comparison of both geology and gravity field suggests that there is little correlation between surface mapping and Bouguer anomalies east of the Zeehan and Murchison Highways. This would indicate either that there is insufficient roof cover on the granite to develop reliable patterns from the exposed rocks, or that the exposed rocks are structurally detached from the main body of each unit. Both solutions are likely although local emphases may vary.
All the surface structures can be seen in this context to be related to a small group of very large structures whose position is only defined with any certainty using the gravity data.

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METHODS

An array of observed profiles was established based on Map 1. These profiles were designed to provide a representative sampling of semi-regional anomaly forms. The nominal line spacing was about 1 km and may be contrasted with the nominal station spacing of 0.5 km. The particular location of the test profiles reflects the actual station coverage in order to minimise interpolations.
This report represents a preliminary interpretation which is also an order of magnitude upgrade of previous interpretations. It is not an overinterpretation of the data available.

The "observed" profile used as reference in all model calculations was derived from the observed data of Map 1. Since the total Bouguer anomaly includes some long wavelength effects such as the response due to the continental margin, continental thickening, and other regional granites these responses must either be removed from the Bouguer anomaly or modelled along with the particular object of study. In this study the crustal formulation of Leaman and Richardson (1989b) has been used to remove the first two responses from the observed data and the primary model of the other granites of NW Tasmania given by Leaman and Richardson (1989a) has been used to remove the third. The other granites are sufficiently distant that any inadequacies in this component are not significant. The resultant profile is thus a residual and may be used for direct comparison with model calculations.

The observed data from Map 1 were further adjusted along each profile by reducing the reference level of the Bouguer anomalies from the land surface where the observations were made to a level of 200 m above sea level. It was assumed that the rock between this level and the land surface had a density of 2.74 gm/cc for the purposes of 3D calculation. Thus any local anomalies indicated after this adjustment reflect local contrasts in the near surface rocks. These local effects have a much shorter wavelength than any response related to the granite. This analysis has been directed at primary review of granite form only.

Some N-S and E-W profiles were then modelled using simple two dimensional methods in order to scale the general relief of the granite and estimate the order of the density contrast applicable. This was achieved by extending some lines eastward but many lines close to the boundaries of the main anomaly (due to granite) cannot be modelled using 2D methods. These simple methods were also used to test whether the density contrast applied over considerable depths, say greater than 3 km, and whether it was possible to model viably using the granite density alone as a bulk reference.
The initial tests showed that a bulk contrast of about +0.12 gm/cc cannot be used across the entire depth range of the granite. The particular requirement of contrast varied for each line and the nature of surface rocks. These tests showed that no

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single contrast can be employed but that the minimum contrast required is about +0.06 gm/cc. These indications were subsequently confirmed by 3D analysis.
It was found that the effective contrast pattern for the intrusion was about 0.12 gm/cc from 1000 to 2000 m reducing rapidly to 0.06 gm/cc at 4000 to 5000 m. Above these levels some variations were required and it appears that spiky crests of the granite contain granite which is more siliceous and of lower density than the bulk of the body. This contrast pattern suggests that the Cambrian-Oonah Precambrian sequence is not much thicker than 2000 m and that the bulk of the intruded rocks is composed of Tyennan type Precambrian rocks.

Since the form of the granite is irregular and generally offers a semicircular nose to the west three dimensional methods must be employed to generate reliable proportions for the form of the granitic mass. Two dimensional methods are quite unreliable for many profiles. The information derived from 2D tests and previous work was used to produce an initial 3D model which was passed through six iterations to produce the solution offered in this report.
Each profile was examined after each iteration and tested for consistency in both body geometry and curve fit parameters. The latter provide a crucial test of model and assumptions and must be consistent for all lines of the array. The difference between the zero shift and the observed and calculated difference is a measure of this and has been found to be about 4.5 mGal for this data set in the form used and using the variable density contrast profile defined above. The deviation for best fits is about 0.3 mGal which is inside the noise level in the data.
Note that a residual data set should yield a near zero difference, not 4.5 mGal, and would if the density contrasts were referred to the Bouguer density; viz -.06 gm/cc for granite and +0.07 mGal for other formations and geoid - not 200 m.

DISCUSSION

Ten profiles of the profile array established to evaluate the gravity field and define the form of the Pine Hill Granite in this area are shown in Figures 5 to 14. All granite profiles shown represent the current status of the 3D model. Further refinement of this model (Map 2) is not justified until some control is established within the study area, or the contrast assumptions can be significantly revised.

Each profile has been discussed separately in order to indicate the nature of the conflicts, issues and targets implied in different parts of the structure.

Each section indicates surface geology based on mapping by John Crossing (RGC, June 1990) or the Mt Read map series. No subsurface interpretation has been attempted and the gravity profiles may be used to provide it.

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Line 5363 000 mN (Figure 5).
This section samples the southern wall of the intrusion and the negative spines at 370 and 376 000 mE. The model accounts for the general character of the profile east of 372 000 mE but is not satisfactory west of this easting.
The negative effect near 366 000 mE is associated with folded sequences of Silurian and Devonian rocks which have not been included in the model at this stage. The crucial effect, however, occurs near 370 000 mE. This sharp anomaly cannot be due to granite unless it reaches almost to the surface and is very siliceous. The figure offers a compromise solution which is clearly inadequate. Oonah Formation rocks are exposed in part of this region and the source of the effect must underlie them. Ultramafic rocks or overthrust Silurian rocks could also produce the effect.
These possible solutions cannot be separated at this stage of analysis. The implications of surface data must be reviewed and tested against gravity and magnetic data.
It is relevant to note that the granite spine inferred to be present - although its precise form is as yet unclear - is clearly related to local mineralisation. Tin is present. This would suggest that the spine does extend closer to surface.

Line 5365 000 mN (Figure 6)
This profile offers much better fits with clear deviations related to Siluro-Devonian rocks at the western end of the section. This section suggests that mineralisation near Black Hill and Carbine Hill is related to granite wall fracture extensions. Granite also lies at relatively shallow depth beneath White Spur - possibly shallower than modelled.

Line 5366 000 mN (Figure 7)
This profile confirms the implications of the previous profile. Local density variations are evident in the region of Godkin Ridge. This area is mineralised and the positive anomalies may reflect bulk alteration. The crestal structure near 371 000 mE may repay further exploration.

Line 5367 000 mN (Figure 8)
This profile suggests that granite is associated with mineralisation in the Williamsford - Hercules area and may have remobilised mineralisation along the Rosebery Fault. Many small deposits, including Svengali may be of this type.
The deviation in model and solution in the region of Kapi Creek is considered to be due to inadequate contrast assumptions near the roof of the intrusion. Other profiles (Figure 12) limit the depth range for roof relief. It is possible that siliceous Precambrian rocks may be caught in the roof in this zone. This would imply little carbonate replacement potential - if true.

Line 5369 000 mN (Figure 9)
This profile poses few problems for the model or density assumptions. The positive effects near the Ring River may be significant and cannot be explained by current surface knowledge.

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Line 5371 000 mN (Figure 10)
The profile fit west of Dreadnought Hill is excellent but is deficient east of it. The profiles suggest too little granite in the model. Unfortunately it is not known how much of the problem is due to lack of data since the region west of Colebrook Hill is not well covered. The cross profile at 375 000 mE offers little clarification due to the local anomalies within Colebrook Hill. There are limits on granite distribution, however, imposed by the general anomaly and model pattern. These yield a solution which is consistent with the known depth of granite at Colebrook Hill (Mines Dept. borehole). It has therefore been concluded that a combination of data coverage and local density change factors have produced the fit separation.
The position of Renison mine near a roof rise and possible fracture extension is clearly indicated. This implication is deceptive as shown in Figure 12 where the fracture control is unambiguous.

Line 5373 000 mN (Figure 11)
This profile along the northern wall of the granite which requires use of 3D methods for evaluation clearly shows the extension of spines northwest of Renison and north of Colebrook Hill. This type of information suggests that the solution for the Colebrook Hill area is valid even though local variations have been noted.

Line 370 000 mE (Figure 12)
The general fit is satisfactory given the comments made above for the region near Kapi Creek. The major deficiency near West Comet was described for line 5363 000 mN. The orientation of this line shows that granite does reach very close to the surface but still cannot satisfy the observations. This suggests that the ultramafic rocks do contribute part of the effect. The breadth of the effect is not consistent with a low density capping phase granite.

This section emphasises the relationships between granite forms, fracture extensions and mineralisation; notably at Renison.

Line 373 000 mE (Figure 13)
This profile emphasizes the local density anomalies near Godkin Ridge. Note that any deficiency within the corrections, whether terrain correction or profile adjustments to base level, would lead to an increase in this effect. The source is not part of the Dundas Group as exposed. Mineralisation in the Curtain Davis area is clearly related to multiple faults and fractures above a roof pinnacle acting as conduits.

Line 375 000 mE (Figure 14)
This profile stresses the density anomaly along Colebrook Hill. Lateral requirements of the gravity field - and the model - force a solution of the type offered.

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The interpretation of granite form has been summarised in Map 2 and Figure 17. This clearly shows the ribs which protrude south of Razorback, west of Renison, near Great Northern Creek, beneath Colebrook Hill, south of Rosebery and southeast of Hercules. These diagrams also show the known mineralised sites without any indication of scale of mineralisation which in most cases is either minor or presumed to be. Some of these conclusions may need to be revised given the association of granite form, intruded sequence, and fracture patterns near some sites.

The association between granite form and surface geology is also shown in Figures 15 and 16 for the regions centred on Dundas and Williamsford, and between model and structural trends in Figure 18.

Possible target zones based on fracture and cupola form projections are suggested in Figure 19. The concepts used to develop this zonation are indicated schematically in Figure 20.

CONCLUSIONS AND RECOMMENDATIONS

The present interpretation of gravity data in the Dundas - Renison - Williamsford area has established that the Pine Hill Granite is part of a very large and irregular intrusion. There are several marked spines and ribs protruding from its roof and mineralisation can be associated with such bulges, or the fractures used to emplace them. Known mineralised sites are concentrated around the steep external wall of the pluton. This wall has many re-entrants, such as into the Montezuma area, and all appear to have influenced mineralisation - whether directly related to the granite, or remobilised.

Spines worthy of further exploration are located near Razorback, west Montezuma, and Colebrook Hill. Most other sites of interest lie within the Rosebery Mine Leases east of the Rosebery Fault. An additional spine near 370 500 mE, 5366 500 mN not known to be associated with mineralisation should also be reviewed.

Some relatively minor anomalous effects have been recognised in the data set. Some, negative, may be due to incomplete correction but their association with critical granite shape changes does suggest the possibility of localised alteration, or structural effects involving ultramafics and perhaps overthrust Siluro-Devonian rocks.
Other, positive, effects may also be important if mafic rocks can be eliminated as sources. Comparative review of magnetic data and matching of the granite forms with magnetic source depths is recommended for this purpose and it may also identify skarns. Detailed analysis of the gravity data set in association with structural concepts may permit satisfactory review.

Refinement of the present interpretation is not generally justified unless the model can be tested and densities confirmed. Examination of the structure within the roof rocks, assessment of section form and content - especially carbonates, is practicable and should be undertaken before any general revision of the granite model is worthwhile.
Some specific localised studies in the Razorback and Montezuma areas, using more rigorous and complete geological models are, however, recommended using the extant data set and correlative appraisal of aeromagnetic data. In each case an area of perhaps 10 square kilometres should be detailed.

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APPENDIX

TABLE OF REDUCED GRAVITY DATA
Survey code 9049

The table lists all data acquired by RGC Exploration during 1990 in the Dundas area.
The reduction density used was 2.67 gm/cc.

The table lists the station number (with year and survey code)
position (easting, northing, elevation)
gravity (observed, theoretical)
terrain correction
Bouguer anomaly

Observed gravity is based on state datum tie points and the theoretical gravity is based on the 1930 ellipsoid.

RGC Exploration - Dundas Region Gravity Data

Station No.	East (m)	North (m)	Elev (m)	Gobs	Gtheo	Terr Corr	B.A. mgal
9049.0001	372025.0	372370.0	145.00	980.294505	980.340291	0.30	-16.97*REN176A
9049.0002	372610.0	372240.0	150.00	980.292556	980.340405	0.33	-18.02*REN176A
9049.0003	373330.0	372250.0	156.00	980.290126	980.340407	0.48	-19.12*REN176A
9049.0004	373600.0	372040.0	159.00	980.289395	980.340580	0.59	-19.32*REN176A
9049.0005	373800.0	372280.0	185.00	980.284874	980.340389	0.84	-18.29*REN176A
9049.0006	374020.0	372500.0	167.00	980.288078	980.340215	0.74	-18.55*REN176A
9049.0007	374300.0	372720.0	155.00	980.290398	980.340041	0.83	-18.33*REN176A
9049.0008	374620.0	372940.0	149.00	980.290718	980.339868	0.86	-18.98*REN176A
9049.0009	374880.0	372780.0	157.00	980.288622	980.340001	0.99	-19.51*REN176A
9049.0010	375200.0	372780.0	155.00	980.288654	980.340005	0.95	-19.91*REN176A
9049.0011	375500.0	372800.0	156.00	980.288629	980.339994	0.98	-19.70*REN176A
9049.0012	375800.0	372820.0	153.00	980.288465	980.339982	1.07	-20.35*REN176A
9049.0013	372450.0	362970.0	583.00	980.213730	980.347887	6.97	-12.50*REN176A
9049.0014	373005.0	364005.0	630.00	980.202040	980.347059	4.90	-16.18*REN176A
9049.0015	371960.0	367020.0	410.00	980.241830	980.344610	1.96	-20.17*REN176A
9049.0016	371120.0	367650.0	460.00	980.233400	980.344089	2.15	-18.05*REN176A
9049.0021	373000.0	364120.0	658.00	980.196744	980.346966	4.84	-15.94*REN176A
9049.0022	372900.0	364260.0	706.00	980.186495	980.346852	4.87	-16.59*REN176A
9049.0023	373030.0	364300.0	744.00	980.177530	980.346821	5.13	-17.79*REN176A
9049.0024	373150.0	364370.0	800.00	980.166774	980.346767	5.46	-17.14*REN176A
9049.0025	372800.0	364190.0	649.00	980.196808	980.346907	4.53	-17.89*REN176A
9049.0027	372680.0	364160.0	563.00	980.214878	980.346929	5.33	-15.97*REN176A
9049.0028	373020.0	363930.0	664.00	980.195054	980.347120	4.93	-16.51*REN176A
9049.0029	373180.0	363970.0	694.00	980.188204	980.347090	5.17	-17.19*REN176A
9049.0030	373350.0	364000.0	740.00	980.177336	980.347068	5.88	-18.27*REN176A
9049.0031	373580.0	364080.0	740.00	980.179288	980.347007	4.36	-17.78*REN176A
9049.0032	373460.0	363870.0	745.00	980.177517	980.347175	5.21	-17.88*REN176A
9049.0033	373300.0	363800.0	694.00	980.191083	980.347229	5.46	-14.16*REN176A
9049.0034	373140.0	363720.0	633.00	980.203552	980.347291	4.93	-14.28*REN176A
9049.0035	372880.0	363600.0	590.00	980.210176	980.347385	5.66	-15.48*REN176A
9049.0041	371160.0	367500.0	480.00	980.228461	980.344210	1.93	-19.40*REN176A
9049.0042	371420.0	367410.0	489.00	980.225023	980.344287	2.05	-21.02*REN176A
9049.0043	371390.0	367210.0	501.00	980.223260	980.344448	2.29	-20.34*REN176A
9049.0044	370950.0	367390.0	452.00	980.233984	980.344296	2.19	-19.21*REN176A
9049.0045	370870.0	367180.0	442.00	980.235919	980.344465	2.41	-19.19*REN176A
9049.0046	370620.0	367040.0	435.00	980.238311	980.344574	2.27	-18.42*REN176A
9049.0047	371610.0	366780.0	430.00	980.238514	980.344798	2.53	-19.17*REN176A
9049.0048	371900.0	366680.0	401.00	980.243646	980.344883	3.40	-18.96*REN176A
9049.0049	371750.0	366340.0	389.00	980.245470	980.345156	3.61	-19.56*REN176A
9049.0050	372220.0	366800.0	367.00	980.249851	980.344791	2.95	-19.80*REN176A
9049.0051	372580.0	366640.0	349.00	980.249132	980.344925	4.24	-22.90*REN176A
9049.0052	372610.0	367110.0	345.00	980.252318	980.344546	3.25	-21.12*REN176A
9049.0053	373060.0	367080.0	313.00	980.257944	980.344577	3.67	-21.40*REN176A
9049.0054	373350.0	366900.0	310.00	980.257669	980.344727	7.06	-19.02*REN176A
9049.0055	371960.0	367120.0	401.00	980.244259	980.344529	2.00	-19.39*REN176A
9049.0056	372220.0	367180.0	342.00	980.254934	980.344484	2.03	-20.25*REN176A
9049.0057	371890.0	367350.0	369.00	980.251157	980.344342	1.65	-18.95*REN176A
9049.0058	371780.0	367320.0	367.00	980.251243	980.344365	1.71	-19.22*REN176A
9049.0059	372430.0	367800.0	336.00	980.256555	980.343987	1.89	-19.45*REN176A
9049.0060	372360.0	367540.0	346.00	980.254866	980.344196	1.99	-19.28*REN176A
9049.0061	372590.0	367490.0	235.00	980.274356	980.344239	2.84	-20.82*REN176A
9049.0066	372900.0	364530.0	707.00	980.186503	980.346634	3.46	-17.58*REN176A
9049.0067	373280.0	364560.0	800.00	980.166755	980.346615	6.45	-16.02*REN176A
9049.0068	372670.0	364500.0	716.00	980.183446	980.346655	5.73	-16.62*REN176A
9049.0069	372860.0	364740.0	690.00	980.191393	980.346464	4.13	-15.20*REN176A
9049.0070	372820.0	364880.0	648.00	980.199557	980.346350	3.44	-15.87*REN176A
9049.0071	372580.0	364860.0	657.00	980.197660	980.346363	3.46	-15.99*REN176A

Station No.	East (m)	North (m)	Elev (m)	Gobs	Gtheo	Terr Corr	B.A. mgal
9049.0072	373100.0	364970.0	700.00	980.189695	980.346281	2.43	-16.44*REN176A
9049.0073	373330.0	365040.0	683.00	980.194421	980.346228	2.13	-15.31*REN176A
9049.0074	372750.0	365060.0	622.00	980.204680	980.346204	3.00	-16.16*REN176A
9049.0075	372960.0	365140.0	677.00	980.193898	980.346142	2.29	-16.77*REN176A
9049.0076	373200.0	365270.0	665.00	980.198093	980.346041	2.15	-14.97*REN176A
9049.0077	372600.0	365230.0	611.00	980.206875	980.346064	3.40	-15.59*REN176A
9049.0078	372440.0	365440.0	619.00	980.204915	980.345892	3.83	-15.37*REN176A
9049.0100	374960.0	366690.0	285.00	980.262412	980.344919	5.12	-21.33*REN176A
9049.0101	374760.0	366890.0	274.00	980.263142	980.344755	5.45	-22.27*REN176A
9049.0102	374680.0	367220.0	266.00	980.265152	980.344487	5.73	-21.28*REN176A
9049.0103	374360.0	367460.0	258.00	980.267198	980.344289	5.33	-21.01*REN176A
9049.0104	374140.0	367540.0	254.00	980.269705	980.344221	4.93	-19.62*REN176A
9049.0105	373820.0	367570.0	267.00	980.268530	980.344192	3.37	-19.77*REN176A
9049.0106	373620.0	367670.0	280.00	980.266057	980.344109	2.93	-20.05*REN176A
9049.0107	373570.0	367380.0	296.00	980.263105	980.344342	3.60	-19.41*REN176A
9049.0108	373440.0	367190.0	307.00	980.260874	980.344494	4.00	-19.23*REN176A
9049.0109	373800.0	367050.0	502.00	980.222416	980.344612	3.81	-19.63*REN176A
9049.0110	374020.0	366640.0	599.00	980.204310	980.344946	3.90	-18.90*REN176A
9049.0111	374100.0	366240.0	673.00	980.188435	980.345270	3.51	-20.93*REN176A
9049.0112	373980.0	365730.0	675.00	980.192264	980.345680	3.49	-17.13*REN176A
9049.0113	374200.0	365330.0	664.00	980.196005	980.346006	3.33	-16.04*REN176A
9049.0114	374420.0	364980.0	685.00	980.192554	980.346292	3.53	-15.45*REN176A
9049.0115	374580.0	364430.0	750.00	980.180978	980.346739	3.67	-14.54*REN176A
9049.0116	374580.0	364760.0	762.00	980.175009	980.346472	3.80	-17.75*REN176A
9049.0117	375600.0	368000.0	340.00	980.255886	980.343870	3.00	-18.11*REN176A
9049.0118	375460.0	367700.0	333.00	980.257103	980.344111	3.57	-17.94*REN176A
9049.0119	375270.0	367510.0	322.00	980.257753	980.344261	3.92	-19.25*REN176A
9049.0120	375220.0	367270.0	312.00	980.259052	980.344454	3.86	-20.17*REN176A
9049.0121	375070.0	366970.0	301.00	980.260849	980.344695	4.21	-20.43*REN176A
9049.0122	375710.0	367940.0	356.00	980.252169	980.343920	3.11	-18.61*REN176A
9049.0123	376120.0	368340.0	387.00	980.244564	980.343603	3.18	-19.73*REN176A
9049.0124	376220.0	368590.0	404.00	980.240904	980.343403	3.23	-19.80*REN176A
9049.0125	376410.0	368900.0	417.00	980.237624	980.343155	3.60	-19.90*REN176A
9049.0126	376460.0	369260.0	381.00	980.244432	980.342865	3.53	-19.96*REN176A
9049.0127	376070.0	368860.0	439.00	980.233378	980.343183	3.41	-20.04*REN176A
9049.0128	375830.0	368900.0	438.00	980.233985	980.343147	3.32	-19.68*REN176A
9049.0129	375610.0	369080.0	435.00	980.234848	980.342998	3.60	-18.98*REN176A
9049.0130	375460.0	369310.0	420.00	980.239400	980.342811	3.23	-17.56*REN176A
9049.0131	375270.0	369510.0	445.00	980.233485	980.342646	3.13	-18.49*REN176A
9049.0132	374990.0	369650.0	525.00	980.217625	980.342530	3.48	-18.15*REN176A
9049.0133	374750.0	369390.0	541.00	980.214312	980.342736	3.46	-18.54*REN176A
9049.0134	374730.0	369160.0	582.00	980.205820	980.342921	4.33	-18.28*REN176A
9049.0135	374650.0	368810.0	602.00	980.203267	980.343203	5.07	-16.44*REN176A
9049.0136	374820.0	368550.0	561.00	980.212259	980.343415	4.27	-16.53*REN176A
9049.0137	374830.0	368240.0	503.00	980.223999	980.343666	4.37	-16.35*REN176A
9049.0138	374940.0	367910.0	468.00	980.228724	980.343934	3.93	-19.22*REN176A
9049.0139	374970.0	367650.0	455.00	980.231448	980.344144	5.06	-18.13*REN176A
9049.0140	374960.0	367430.0	471.00	980.227575	980.344322	5.46	-18.63*REN176A
9049.0141	375000.0	369870.0	510.00	980.220861	980.342352	3.61	-17.56*REN176A
9049.0142	374910.0	370220.0	520.00	980.217249	980.342068	4.26	-18.27*REN176A
9049.0143	374950.0	370440.0	517.00	980.215706	980.341891	4.60	-19.88*REN176A
9049.0144	375020.0	370660.0	504.00	980.219269	980.341714	4.83	-18.47*REN176A
9049.0145	375080.0	370840.0	506.00	980.218625	980.341570	4.51	-18.90*REN176A
9049.0146	375110.0	371030.0	505.00	980.218883	980.341417	4.08	-19.11*REN176A
9049.0147	375170.0	371350.0	504.00	980.218442	980.341160	4.60	-18.97*REN176A
9049.0148	375670.0	368260.0	361.00	980.252202	980.343661	2.85	-17.60*REN176A
9049.0150	375130.0	366250.0	335.00	980.253107	980.345277	6.60	-19.67*REN176A

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Station No.	East (m)	North (m)	Elev (m)	Gobs	Gtheo	Terr Corr	B.A. mgal
9049.0151	375280.0	366230.0	439.00	980.233568	980.345295	4.05	-21.32*REN176A
9049.0152	375430.0	366030.0	505.00	980.219833	980.345459	4.47	-21.81*REN176A
9049.0154	375000.0	365830.0	363.00	980.246741	980.345614	6.69	-20.78*REN176A
9049.0155	375340.0	365820.0	468.00	980.228266	980.345627	5.25	-20.05*REN176A
9049.0156	375500.0	365820.0	570.00	980.207310	980.345629	6.41	-19.78*REN176A
9049.0157	375530.0	365620.0	633.00	980.194305	980.345791	6.70	-20.26*REN176A
9049.0158	375360.0	365640.0	521.00	980.217696	980.345773	6.10	-19.49*REN176A
9049.0159	374990.0	365630.0	385.00	980.243943	980.345775	7.03	-19.07*REN176A
9049.0160	376690.0	370970.0	290.00	980.258771	980.341488	2.20	-23.47*REN176A
9049.0161	376460.0	371120.0	268.00	980.264220	980.341363	2.29	-22.14*REN176A
9049.0162	376330.0	370960.0	239.00	980.270873	980.341491	2.33	-21.28*REN176A
9049.0163	376080.0	370870.0	297.00	980.260385	980.341560	2.41	-20.34*REN176A
9049.0164	375970.0	370680.0	296.00	980.260447	980.341712	2.50	-20.54*REN176A
9049.0165	375920.0	370860.0	338.00	980.252071	980.341566	2.53	-20.48*REN176A
9049.0166	375670.0	370760.0	309.00	980.258098	980.341643	3.44	-19.32*REN176A
9049.0167	375020.0	371650.0	520.00	980.214422	980.340915	5.60	-18.60*REN176A
9049.0168	374960.0	371570.0	481.00	980.223041	980.340979	3.65	-19.67*REN176A
9049.0169	374880.0	371930.0	429.00	980.232958	980.340687	3.86	-19.48*REN176A
9049.0200	372200.0	371470.0	197.00	980.282874	980.341020	0.77	-18.63*REN176A
9049.0201	372480.0	371480.0	166.00	980.288407	980.341016	0.79	-19.17*REN176A
9049.0202	372780.0	371640.0	165.00	980.288661	980.340891	0.80	-18.98*REN176A
9049.0203	372980.0	371900.0	198.00	980.282738	980.340684	0.84	-18.16*REN176A
9049.0204	373120.0	372080.0	160.00	980.291021	980.340541	0.81	-17.24*REN176A
9049.0205	373540.0	371750.0	155.00	980.289474	980.340813	0.67	-20.18*REN176A
9049.0206	373330.0	371810.0	190.00	980.283102	980.340762	0.73	-19.56*REN176A
9049.0207	372080.0	372040.0	153.00	980.292847	980.340558	0.45	-17.17*REN176A
9049.0208	372120.0	371850.0	190.00	980.284531	980.340712	0.55	-18.26*REN176A
9049.0209	372370.0	371850.0	178.00	980.286611	980.340716	0.60	-18.49*REN176A
9049.0210	372640.0	372000.0	159.00	980.290556	980.340599	0.70	-18.07*REN176A
9049.0211	372380.0	370870.0	180.00	980.285050	980.341507	0.91	-20.14*REN176A
9049.0212	372340.0	371170.0	195.00	980.279810	980.341264	0.80	-22.30*REN176A
9049.0213	372620.0	371150.0	212.00	980.277460	980.341285	0.93	-21.19*REN176A
9049.0214	372760.0	370940.0	190.00	980.281574	980.341456	0.75	-21.76*REN176A
9049.0215	371560.0	371640.0	178.00	980.287412	980.340874	0.60	-17.85*REN176A
9049.0216	371860.0	371630.0	144.00	980.293152	980.340886	0.74	-18.67*REN176A
9049.0217	372000.0	370700.0	207.00	980.279461	980.341639	1.07	-20.39*REN176A
9049.0218	372220.0	370530.0	216.00	980.277998	980.341779	0.96	-20.33*REN176A
9049.0219	372220.0	370230.0	208.00	980.279323	980.342022	0.87	-20.92*REN176A
9049.0220	372200.0	369830.0	240.00	980.273318	980.342344	0.89	-20.93*REN176A
9049.0221	372270.0	369700.0	241.00	980.273605	980.342450	0.90	-20.54*REN176A
9049.0222	372590.0	369690.0	246.00	980.270844	980.342463	0.92	-22.31*REN176A
9049.0223	372910.0	369610.0	253.00	980.269187	980.342532	0.85	-22.73*REN176A
9049.0224	373160.0	369550.0	255.00	980.269090	980.342584	0.77	-22.57*REN176A
9049.0301	372580.0	362800.0	615.00	980.207603	980.348026	7.31	-12.13*REN176A
9049.0302	372680.0	362670.0	670.00	980.195598	980.348133	7.67	-13.06*REN176A
9049.0303	372770.0	362440.0	568.00	980.217667	980.348320	7.63	-11.29*REN176A
9049.0304	373000.0	362320.0	541.00	980.223221	980.348420	7.60	-11.17*REN176A
9049.0305	373110.0	362220.0	604.00	980.210509	980.348502	6.70	-12.47*REN176A
9049.0306	373250.0	362080.0	685.00	980.195905	980.348617	5.80	-12.15*REN176A
9049.0307	373400.0	361930.0	786.00	980.175702	980.348741	5.58	-12.82*REN176A
9049.0308	373540.0	361780.0	907.00	980.151159	980.348864	5.23	-14.03*REN176A
9049.0309	373020.0	362600.0	649.00	980.202185	980.348194	6.95	-11.38*REN176A
9049.0310	372850.0	362780.0	648.00	980.201847	980.348046	6.33	-12.39*REN176A
9049.0311	372680.0	363000.0	614.00	980.207264	980.347866	7.05	-12.76*REN176A
9049.0312	374500.0	364220.0	830.00	980.164923	980.346907	4.07	-14.62*REN176A
9049.0313	374250.0	364330.0	835.00	980.162739	980.346815	4.33	-15.47*REN176A
9049.0314	374070.0	364140.0	834.00	980.162653	980.346966	4.28	-15.95*REN176A

Station No.	East (m)	North (m)	Elev (m)	Gobs	Gtheo	Terr Corr	B.A. mgal
9049.0315	374000.0	364000.0	826.00	980.165714	980.347078	3.63	-15.23*REN176A
9049.0316	373940.0	363820.0	820.00	980.169227	980.347222	3.37	-13.30*REN176A
9049.0317	373750.0	363880.0	803.00	980.171558	980.347171	3.62	-14.01*REN176A
9049.0318	373860.0	363340.0	795.00	980.174478	980.347609	3.69	-13.04*REN176A
9049.0319	374000.0	363480.0	780.00	980.177014	980.347498	3.81	-13.22*REN176A
9049.0320	374100.0	363600.0	781.00	980.176567	980.347402	3.73	-13.45*REN176A
9049.0321	374480.0	363630.0	756.00	980.180526	980.347383	3.61	-14.52*REN176A
9049.0322	374770.0	363500.0	777.00	980.177198	980.347492	3.31	-14.12*REN176A
9049.0323	374700.0	363700.0	825.00	980.165191	980.347330	3.19	-16.64*REN176A
9049.0324	374680.0	363960.0	832.00	980.164958	980.347120	3.07	-15.40*REN176A
9049.0325	375120.0	363720.0	821.00	980.167026	980.347320	2.33	-16.44*REN176A
9049.0326	374880.0	363900.0	797.00	980.172646	980.347171	2.81	-14.91*REN176A
9049.0327	372150.0	362620.0	534.00	980.226037	980.348165	6.90	-10.18*REN176A
9049.0328	372380.0	362500.0	537.00	980.225722	980.348266	6.66	-10.25*REN176A
9049.0329	372600.0	362390.0	451.00	980.242063	980.348358	6.45	-11.13*REN176A
9049.0422	372240.0	366630.0	450.00	980.232838	980.344929	4.73	-18.84*REN176A
9049.0423	372340.0	366310.0	554.00	980.212746	980.345188	5.04	-18.42*REN176A
9049.0424	372480.0	366340.0	526.00	980.217592	980.345166	5.39	-18.71*REN176A
9049.0425	372750.0	366400.0	551.00	980.211996	980.345122	6.25	-18.48*REN176A
9049.0426	373040.0	366480.0	680.00	980.186120	980.345061	5.73	-19.44*REN176A
9049.0427	373100.0	366170.0	610.00	980.205758	980.345312	3.33	-16.22*REN176A
9049.0428	373000.0	366000.0	627.00	980.203075	980.345448	3.61	-15.42*REN176A
9049.0429	372900.0	366100.0	669.00	980.192616	980.345366	3.92	-17.22*REN176A
9049.0430	372720.0	366070.0	669.00	980.190402	980.345388	4.58	-18.79*REN176A
9049.0431	372490.0	366020.0	576.00	980.210801	980.345425	4.73	-16.58*REN176A
9049.0432	372320.0	366500.0	506.00	980.221192	980.345035	4.91	-19.39*REN176A
9049.0433	372770.0	366850.0	425.00	980.237784	980.344759	3.88	-19.49*REN176A
9049.0434	372330.0	367940.0	315.00	980.261360	980.343872	1.67	-18.88*REN176A
9049.0435	372040.0	367900.0	333.00	980.257484	980.343900	1.75	-19.16*REN176A
9049.0436	371800.0	368080.0	366.00	980.250235	980.343751	1.99	-19.53*REN176A
9049.0437	371510.0	368050.0	431.00	980.237456	980.343771	2.57	-18.96*REN176A
9049.0438	372520.0	367980.0	287.00	980.266555	980.343843	1.80	-19.03*REN176A
9049.0439	372140.0	368290.0	330.00	980.258557	980.343587	1.77	-18.35*REN176A
9049.0440	372100.0	368570.0	320.00	980.259646	980.343360	2.04	-18.73*REN176A
9049.0441	371840.0	368530.0	289.00	980.265138	980.343389	2.30	-19.10*REN176A
9049.0442	371620.0	368600.0	281.00	980.265332	980.343329	2.41	-20.31*REN176A
9049.0443	372230.0	368620.0	302.00	980.263034	980.343322	2.27	-18.61*REN176A
9049.0444	372170.0	368920.0	289.00	980.265691	980.343079	2.40	-18.14*REN176A
9049.0445	372110.0	369030.0	254.00	980.272115	980.342989	2.68	-18.23*REN176A
9049.0446	371820.0	369000.0	252.00	980.272703	980.343009	2.57	-18.17*REN176A
9049.0447	371600.0	368960.0	253.00	980.269692	980.343038	2.86	-20.72*REN176A
9049.0448	371270.0	368890.0	350.00	980.248783	980.343090	3.33	-22.13*REN176A
9049.0017	373120.0	364560.0	802.00	980.166422	980.346613	6.45	-15.96*REN616A
9049.0087	372620.0	365210.0	624.00	980.206702	980.346081	3.74	-12.88*REN616A
9049.0089	372650.0	365340.0	657.00	980.199604	980.345976	3.69	-13.43*REN616A
9049.0090	372900.0	365450.0	715.00	980.187041	980.345891	2.60	-15.59*REN616A
9049.0091	373230.0	365700.0	692.00	980.191508	980.345694	2.93	-15.12*REN616A
9049.0092	373370.0	365410.0	677.00	980.195576	980.345930	2.35	-14.82*REN616A
9049.0093	372130.0	365370.0	610.00	980.206284	980.345944	3.77	-15.89*REN616A
9049.0094	371900.0	365200.0	600.00	980.208405	980.346078	3.60	-16.04*REN616A
9049.0095	371670.0	365020.0	638.00	980.200471	980.346220	4.15	-16.09*REN616A
9049.0036	373140.0	363560.0	668.00	980.194363	980.347421	5.05	-16.59*REN616A
9049.0037	372820.0	363470.0	606.00	980.206498	980.347489	6.41	-15.37*REN616A
9049.0038	372530.0	363330.0	513.00	980.225353	980.347598	6.96	-14.37*REN616A
9049.0039	373190.0	363430.0	705.00	980.185695	980.347526	5.43	-17.71*REN616A
9049.0040	372820.0	363180.0	608.00	980.206824	980.347723	7.55	-13.74*REN616A
9049.0241	373140.0	363000.0	651.00	980.200114	980.347873	6.22	-13.47*REN616A

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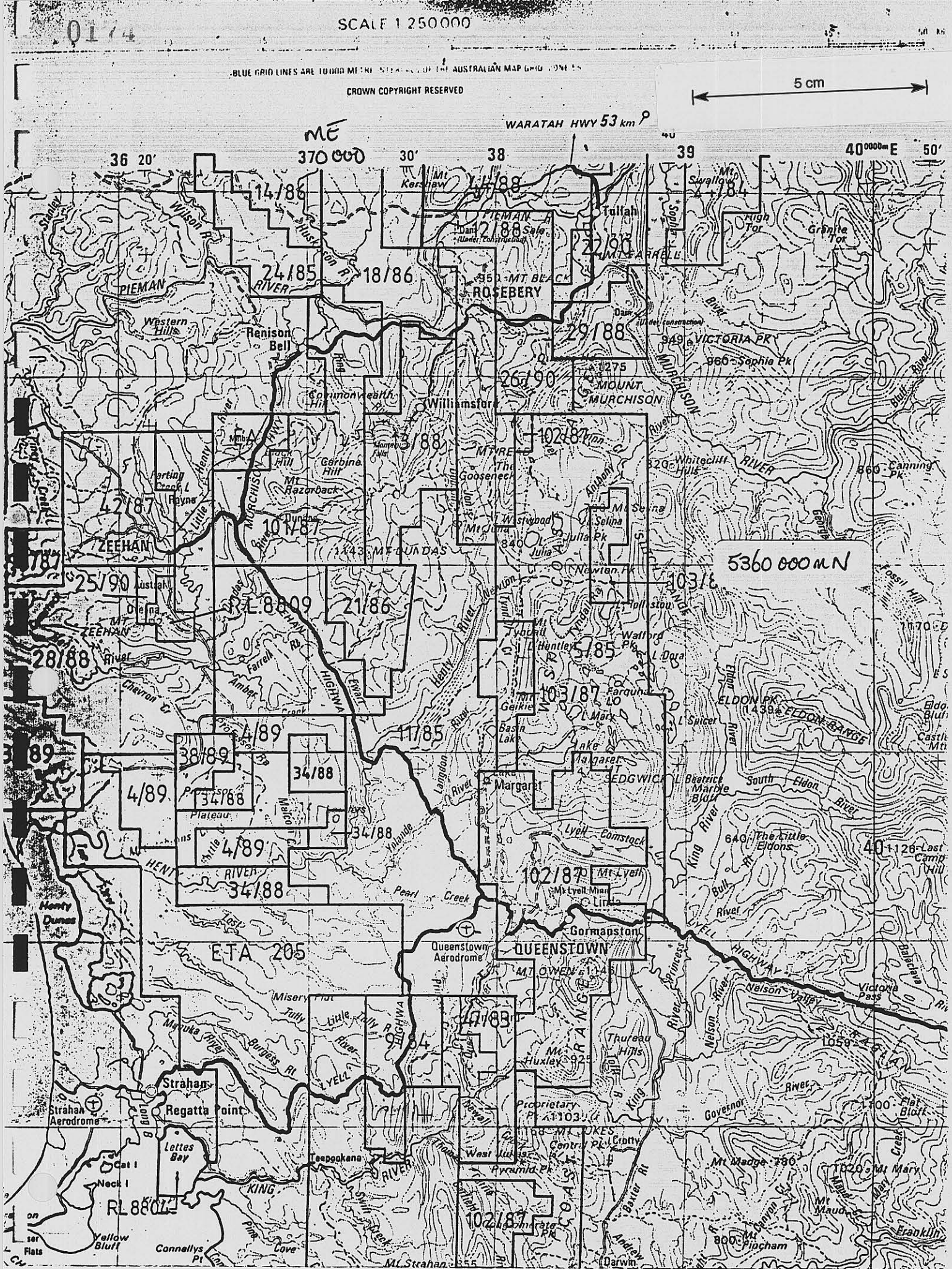
Station No.	East (m)	North (m)	Elev (m)	Gobs	Gtheo	Terr Corr	B.A. mgal
9049.0242	373270.0	363140.0	679.00	980.194251	980.347762	5.52	-14.41*REN616A
9049.0243	373150.0	363320.0	698.00	980.189641	980.347615	5.41	-15.25*REN616A
9049.0330	374680.0	363850.0	831.00	980.165076	980.347208	3.15	-15.49*REN616A
9049.0331	374870.0	363250.0	767.00	980.178924	980.347696	2.92	-14.96*REN616A
9049.0332	374970.0	362900.0	744.00	980.183706	980.347980	3.15	-14.75*REN616A
9049.0333	375030.0	362580.0	659.00	980.202174	980.348239	2.73	-13.69*REN616A
9049.0334	374800.0	362570.0	648.00	980.204825	980.348244	2.88	-13.06*REN616A
9049.0170	374620.0	365150.0	675.00	980.193741	980.346158	4.66	-14.97*REN616A
9049.0171	374680.0	365340.0	578.00	980.211066	980.346005	5.05	-16.18*REN616A
9049.0172	375060.0	365350.0	411.00	980.239252	980.346003	5.95	-19.95*REN616A
9049.0173	375360.0	365370.0	535.00	980.216848	980.345991	6.10	-17.80*REN616A
9049.0174	375000.0	365160.0	438.00	980.234225	980.346155	6.20	-19.57*REN616A
9049.0176	375000.0	364960.0	448.00	980.231584	980.346317	6.41	-20.20*REN616A
9049.0177	375000.0	364860.0	563.00	980.210801	980.346397	6.45	-18.39*REN616A
9049.0179	375000.0	364680.0	492.00	980.225414	980.346543	4.61	-19.73*REN616A
9049.0180	374860.0	364480.0	556.00	980.214166	980.346702	3.79	-19.37*REN616A
9049.0181	375300.0	364360.0	867.00	980.153501	980.346805	4.33	-18.40*REN616A
9049.0449	372210.0	369000.0	275.00	980.266255	980.343015	2.45	-20.22*REN616A
9049.0450	371570.0	369370.0	282.00	980.263369	980.342707	2.40	-21.47*REN616A
9049.0451	371290.0	369310.0	382.00	980.243892	980.342751	3.07	-20.65*REN616A
9049.0452	372220.0	369250.0	228.00	980.275647	980.342813	1.71	-20.61*REN616A
9049.0453	372270.0	369470.0	220.00	980.277523	980.342636	1.33	-20.51*REN616A
9049.0225	373250.0	369370.0	268.00	980.267173	980.342731	1.00	-21.84*REN616A
9049.0226	372950.0	369310.0	211.00	980.278829	980.342775	1.25	-21.19*REN616A
9049.0227	372970.0	369050.0	195.00	980.281664	980.342985	1.45	-21.52*REN616A
9049.0228	373030.0	368850.0	200.00	980.279828	980.343147	1.40	-22.58*REN616A
9049.0229	372980.0	368580.0	215.00	980.279736	980.343365	1.30	-20.04*REN616A
9049.0182	374950.0	366480.0	336.00	980.254742	980.345089	5.85	-18.40*REN616A
9049.0184	374760.0	366280.0	372.00	980.247635	980.345247	6.01	-18.43*REN616A
9049.0185	374850.0	366160.0	401.00	980.242821	980.345345	5.45	-18.19*REN616A
9049.0186	374840.0	366030.0	460.00	980.231543	980.345450	5.34	-18.08*REN616A
9049.0187	374780.0	365830.0	495.00	980.226230	980.345611	5.27	-16.74*REN616A
9049.0188	374720.0	365540.0	576.00	980.210220	980.345844	5.44	-16.87*REN616A
9049.0189	374860.0	365360.0	520.00	980.220652	980.345992	5.63	-17.42*REN616A
9049.0190	375020.0	365470.0	405.00	980.241394	980.345905	6.22	-18.62*REN616A
9049.0336	375330.0	362100.0	610.00	980.211117	980.348631	2.41	-15.10*REN616A
9049.0336	375280.0	361810.0	642.00	980.206345	980.348864	2.60	-13.62*REN616A
9049.0337	375050.0	361960.0	656.00	980.203683	980.348740	2.81	-13.19*REN616A
9049.0338	374800.0	362020.0	743.00	980.185583	980.348688	3.33	-13.60*REN616A
9049.0339	374470.0	362160.0	764.00	980.181657	980.348570	3.65	-12.96*REN616A
9049.0340	374280.0	362140.0	819.00	980.169114	980.348584	3.71	-14.63*REN616A
9049.0341	374020.0	361820.0	848.00	980.164097	980.348838	3.91	-14.00*REN616A
9049.0342	373980.0	362250.0	845.00	980.164321	980.348491	3.80	-14.12*REN616A
9049.0343	373920.0	362480.0	843.00	980.162577	980.348304	3.88	-15.99*REN616A
9049.0344	374060.0	362640.0	787.00	980.175273	980.348177	3.77	-14.30*REN616A
9049.0345	374210.0	362550.0	741.00	980.184084	980.348252	4.07	-14.32*REN616A
9049.0347	374320.0	362650.0	735.00	980.183033	980.348172	3.52	-17.02*REN616A
9049.0350	374100.0	362870.0	790.00	980.173958	980.347992	3.85	-14.76*REN616A
9049.0282	375300.0	366680.0	455.00	980.228698	980.344932	6.91	-19.82*REN616A
9049.0283	375560.0	366670.0	518.00	980.215859	980.344944	7.61	-19.58*REN616A
9049.0525	376060.0	372300.0	201.00	980.277197	980.340405	1.35	-22.32*REN616A
9049.0526	375970.0	372140.0	268.00	980.264930	980.340533	1.46	-21.43*REN616A
9049.0527	376120.0	371950.0	260.00	980.266551	980.340688	1.73	-21.27*REN616A
9049.0528	376280.0	371850.0	253.00	980.268386	980.340771	1.80	-20.82*REN616A
9049.0529	376400.0	371730.0	285.00	980.261727	980.340870	1.96	-21.12*REN616A
9049.0530	375870.0	372490.0	210.00	980.278523	980.340249	2.07	-18.35*REN616A
9049.0531	376020.0	372310.0	253.00	980.269896	980.340396	2.33	-18.41*REN616A

151173

Station No.	East (m)	North (m)	Elev (m)	Gobs	Gtheo	Terr Corr	B.A. mgal
9049.0532	376350.0	372340.0	151.00	980.284957	980.340377	1.25	-24.47*REN616A
9049.0433	375120.0	372530.0	159.00	980.284743	980.340206	1.20	-22.99*REN616A
9049.0351	371860.0	362630.0	478.00	980.235143	980.348153	6.50	-12.48*REN616A
9049.0352	371570.0	362510.0	407.00	980.251632	980.348246	5.53	-11.02*REN616A
9049.0353	371270.0	362530.0	353.00	980.262401	980.348225	4.70	-11.69*REN616A
9049.0354	370880.0	362460.0	325.00	980.267948	980.348276	2.73	-13.67*REN616A

151174

0174


SCALE 1:250000
BLUE GRID LINES ARE TOWN MERID
AUSTRALIAN MAP GRID ZONE 55
CROWN COPYRIGHT RESERVED
5 cm
WARATAH HWY 53 km
ME
370 000
36 20'
30'
38
39
40 0000mE
50'
5360 000mN
14/86
24/85
18/86
12/88
44/88
22/90
29/88
26/90
102/87
13/88
42/87
101/87
25/90
RL.8809
21/86
28/88
4/89
38/89
34/88
11/85
103/87
5/85
102/87
47/88
9/84
RL8801
ETA 205
ROSEBERY
PIEMAN
ZEEHAN
Williamsford
MOUNT MURCHISON
QUEENSTOWN
Queenstown Aerodrome
Strahan
Strahan Aerodrome
Regatta Point
Gormanston
Renison Bell
Tullah
Mt Kershaw
Mt Swallow
Mt Farrell
Mt Black
Victoria Pk
Sophia Pk
Whitecliff Hills
Canning Pk
Mt Razorback
Garbine Hill
Mt Julia
Mt Selina
Julia Pk
Newton Pk
Mt Tyndall
Mt Huntley
Mt Geikie
Basin Lake
Lake Margaret
Mt Sedgwick
Mt Lyell
Mt Lyell Mine
Mt Owen
Mt Huxley
Thureau Hills
Mt Madge
Mt Mary
Mt Maud
Mt Pinoham
Mt Strahan
Eldon Pk
Eldon Ranges
The Little Eldons
Last Camp Hill
Fossil Hill
Henty Dunes
Yellow Bluff
Connellys Pt
Pine Cove
Lettes Bay
Teepookana
Darwin
Franklin
Victoria Pass
Nelson Valley
Lyell Highway
Murchison Highway
Zeehan Highway
Henty River
Pieman River
Murchison River
King River
Nelson River
Queen River
Linda
Comstock
Yolande
Pearl Creek
Misery Flat
Tully River
Little Tully River
Burgess Rl
Mackintosh Rl
Long Bay
Pyramid Pk
Conglomerate Pk
Proprietary Pk
Central Pk
West Huxley
Crotty
Governor
Flat Bluff
Andrew
Baxter Rl
Canyon Ck
Maple
Mary Creek
Bluff River
Whyte River
Dundas
Mt Dundas
1443
Mt Zeehan
Mt Farrell
Mt Kershaw
Mt Swallow
Mt Black
Mt Julia
Mt Selina
Mt Tyndall
Mt Huntley
Mt Geikie
Mt Lyell
Mt Owen
Mt Huxley
Mt Madge
Mt Mary
Mt Maud
Mt Pinoham
Mt Strahan
Eldon Pk
Eldon Ranges

151176

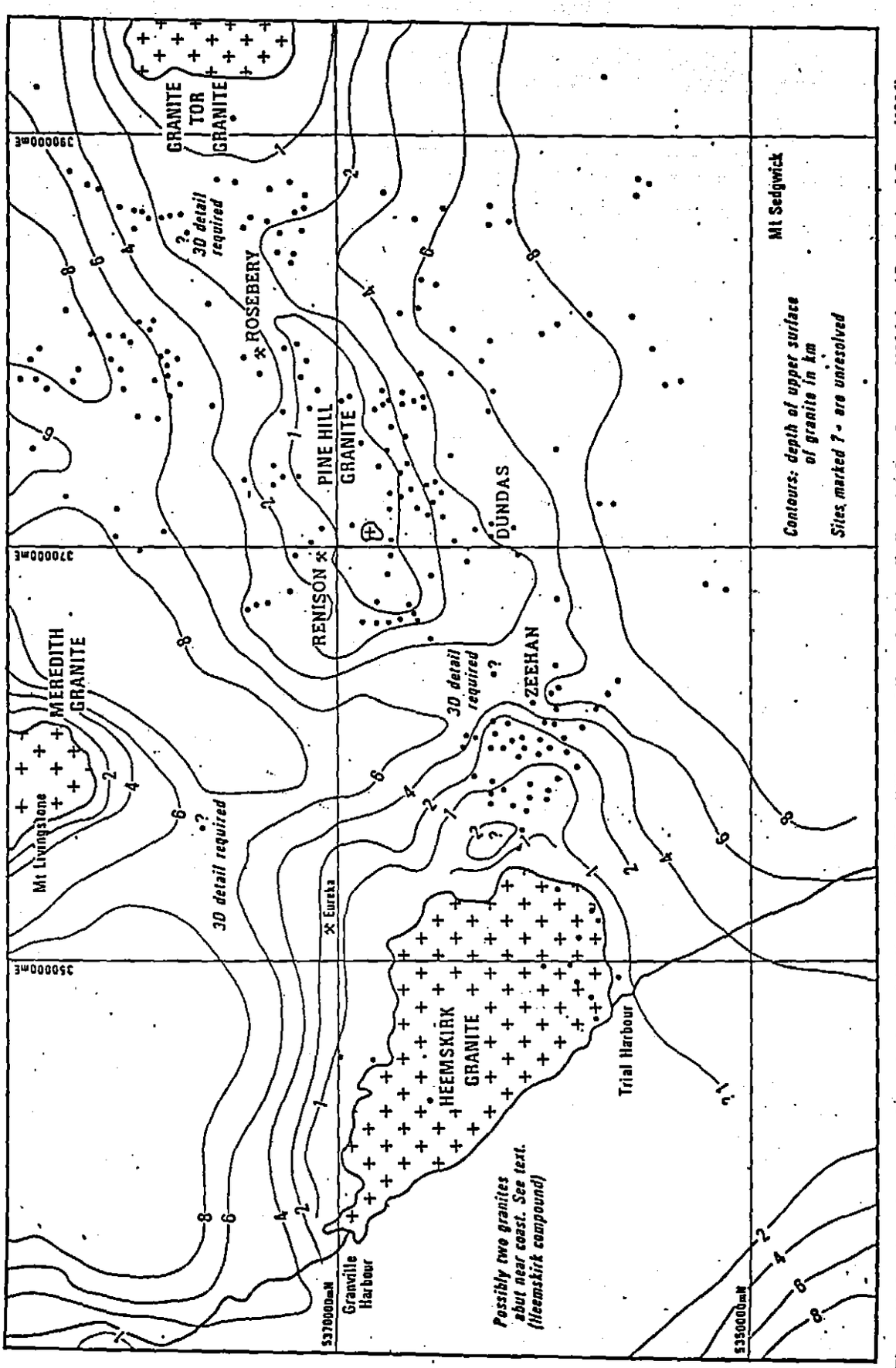
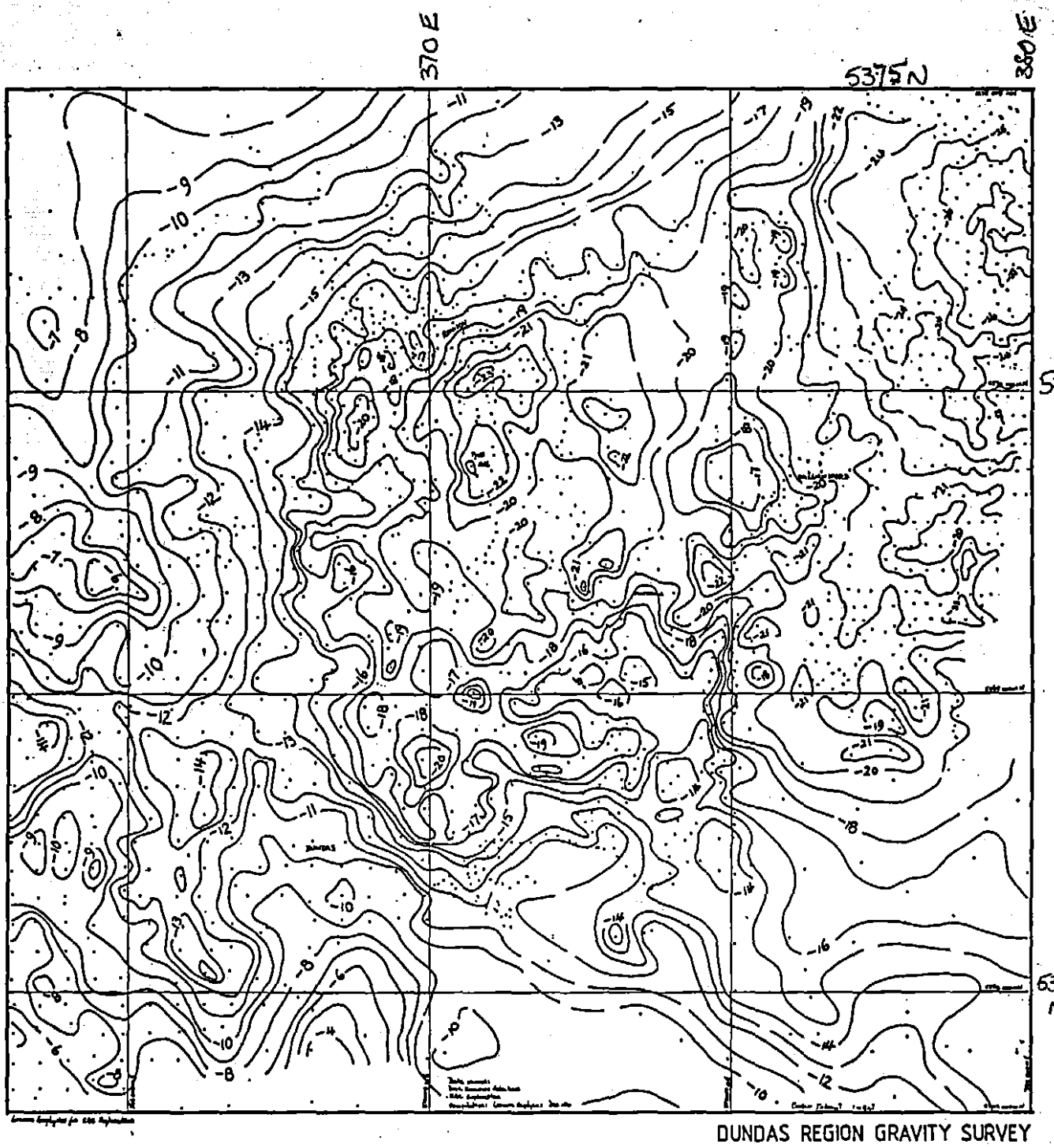


Figure 90. *Provisional interpretation of the form of the Heemskirk and Pine Hill granites. Mineralised sites (indicated •)from Leaman (1986a) and Bamford and Green (1986).*

PREVIOUS INTERPRETATION OF HEEMSKIRK GRANITE AND ASSOCIATI
WITH MINERALISED SITES (from Leaman & Richardson, 1989a)
FIGURE 2

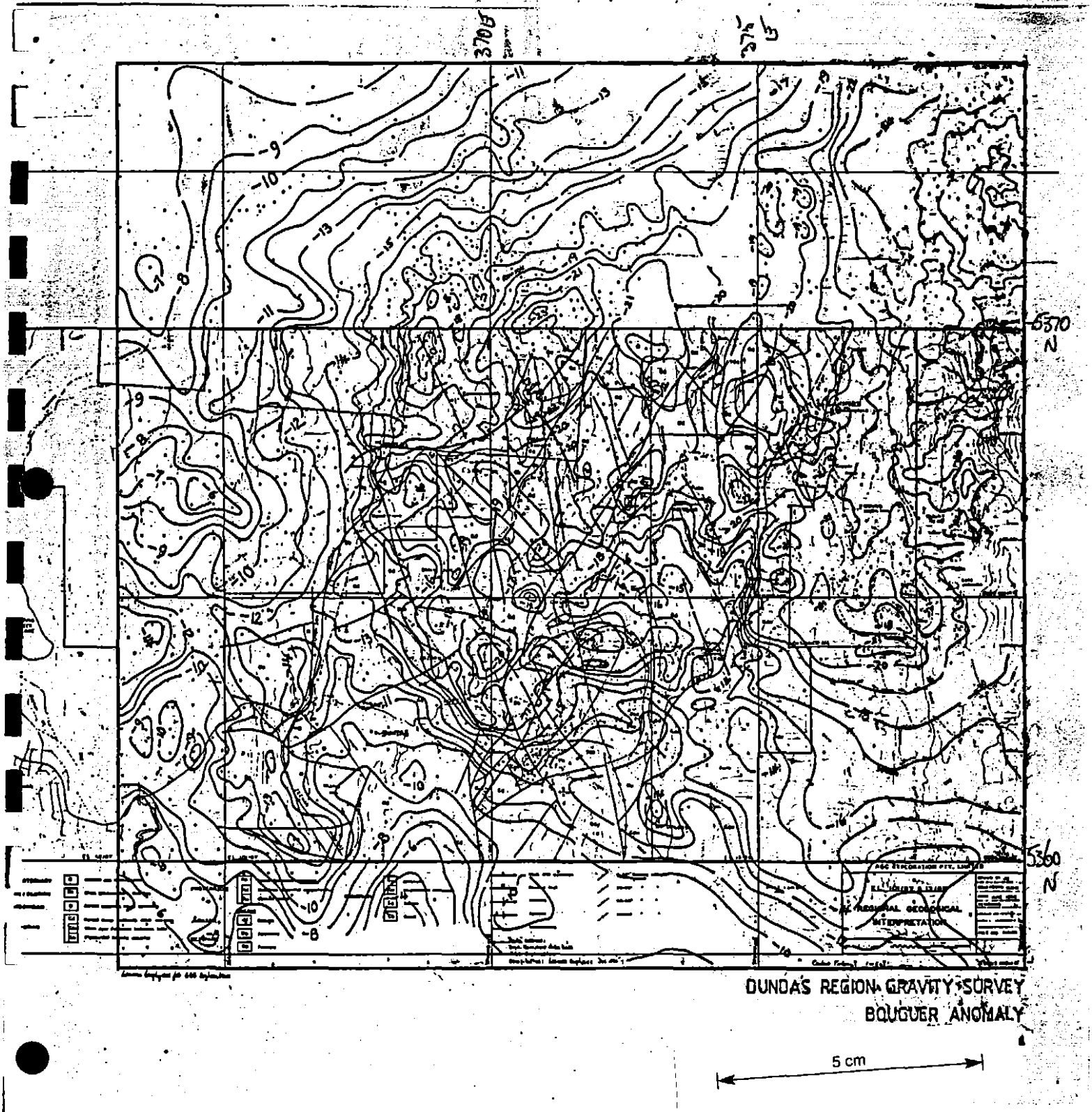
151177



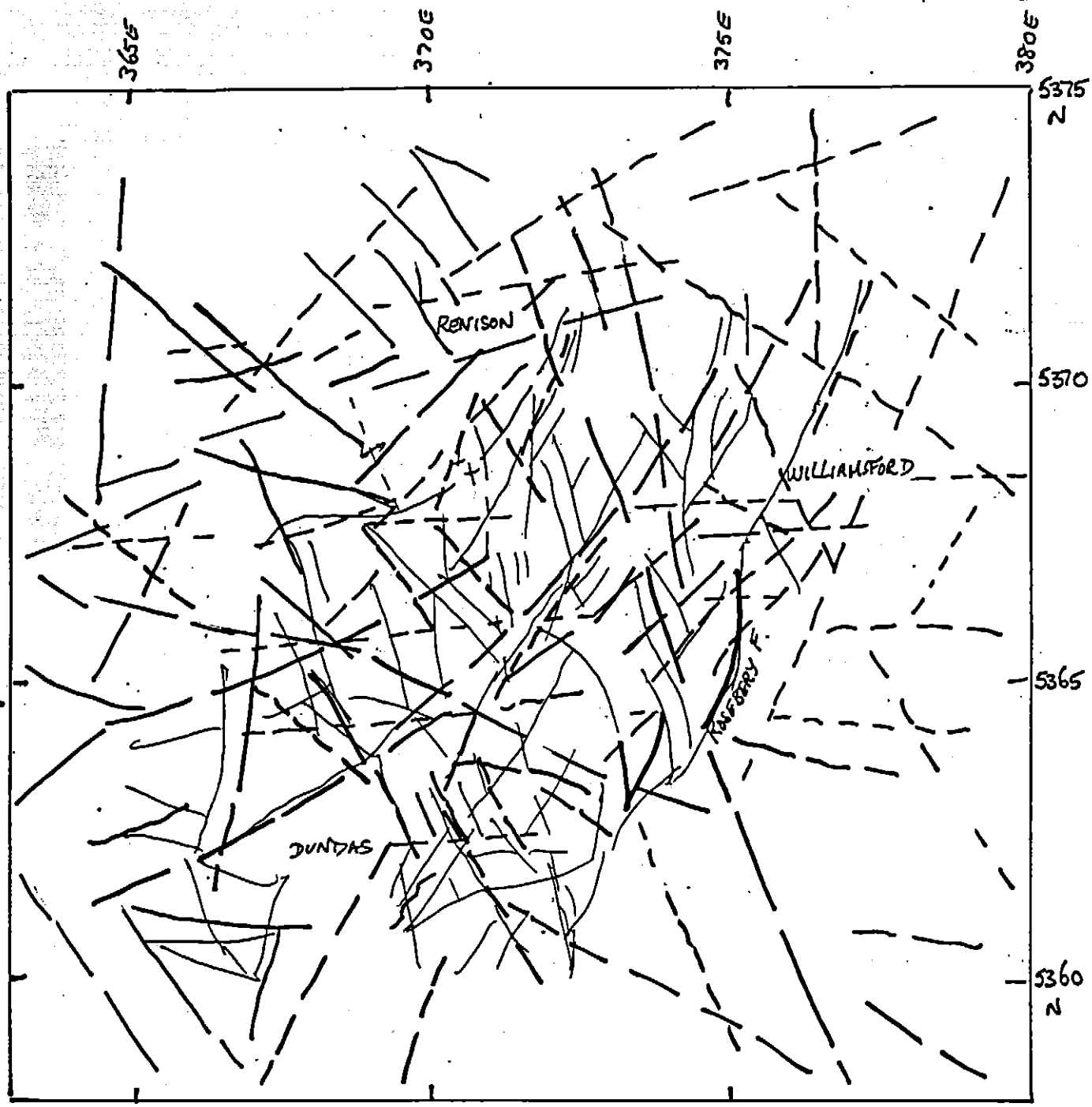
BOUGUER ANOMALY DUNDAS AREA

FIGURE 3A

151178



BOUGUER ANOMALY AND GEOLOGICAL BASE MAP DUNDAS AREA
Basemap by RGC Exploration FIGURE 3B



TRENDS DUNDAS REGION
Light lines from geological base map (RGC source)
Heavy lines from gravity field map

FIGURE 4

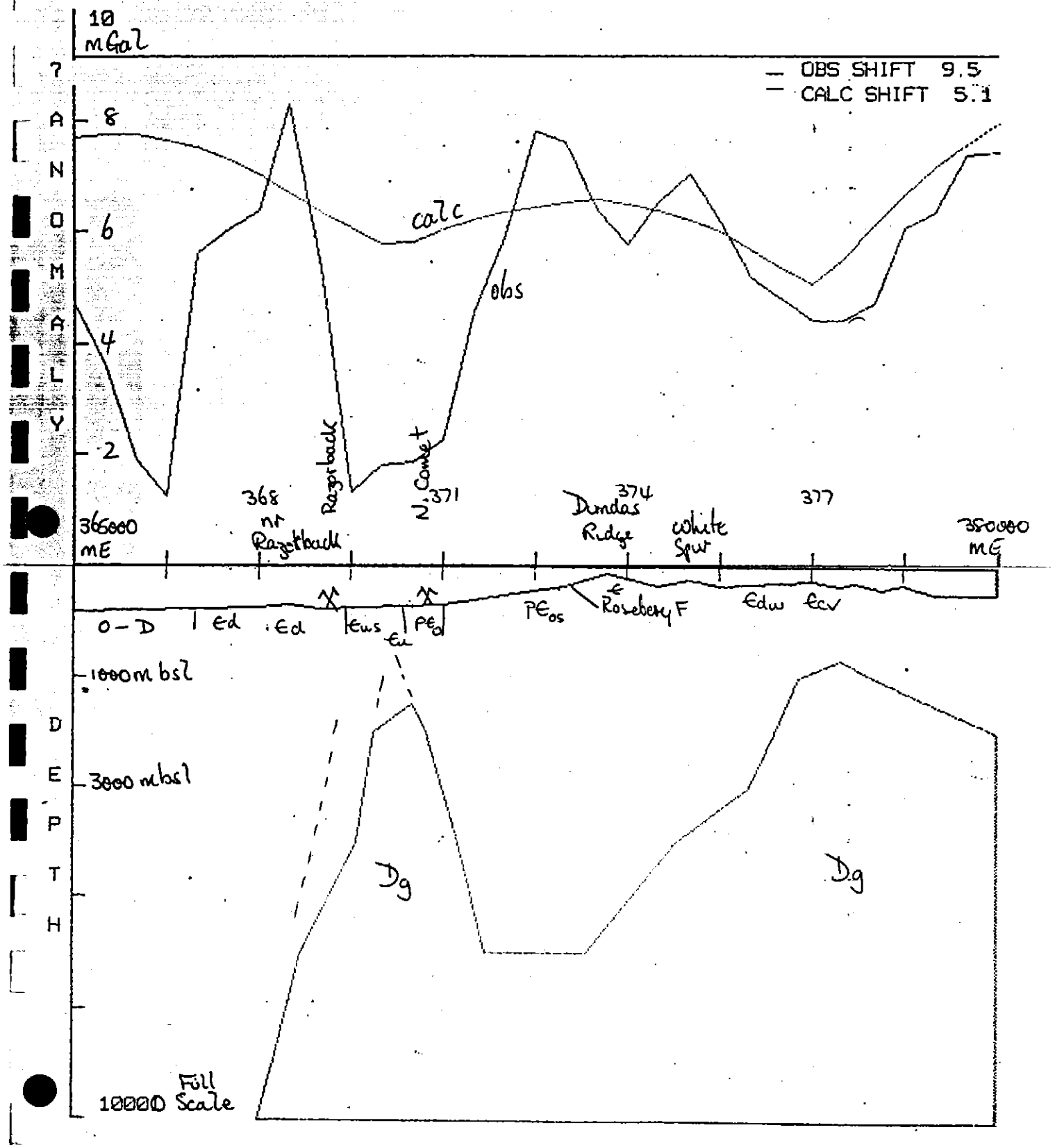
B:G5AR375E

PROFILE EVALUATION
LEAMAN GEOPHYSICS

151180

0 1.00 B:RESG363N
1 1.00 B:G5AR363N

ZERO SHIFT : 9.159733



DUNDAS REGION 3D MODEL LINE 5363 000 mN FIGURE 5

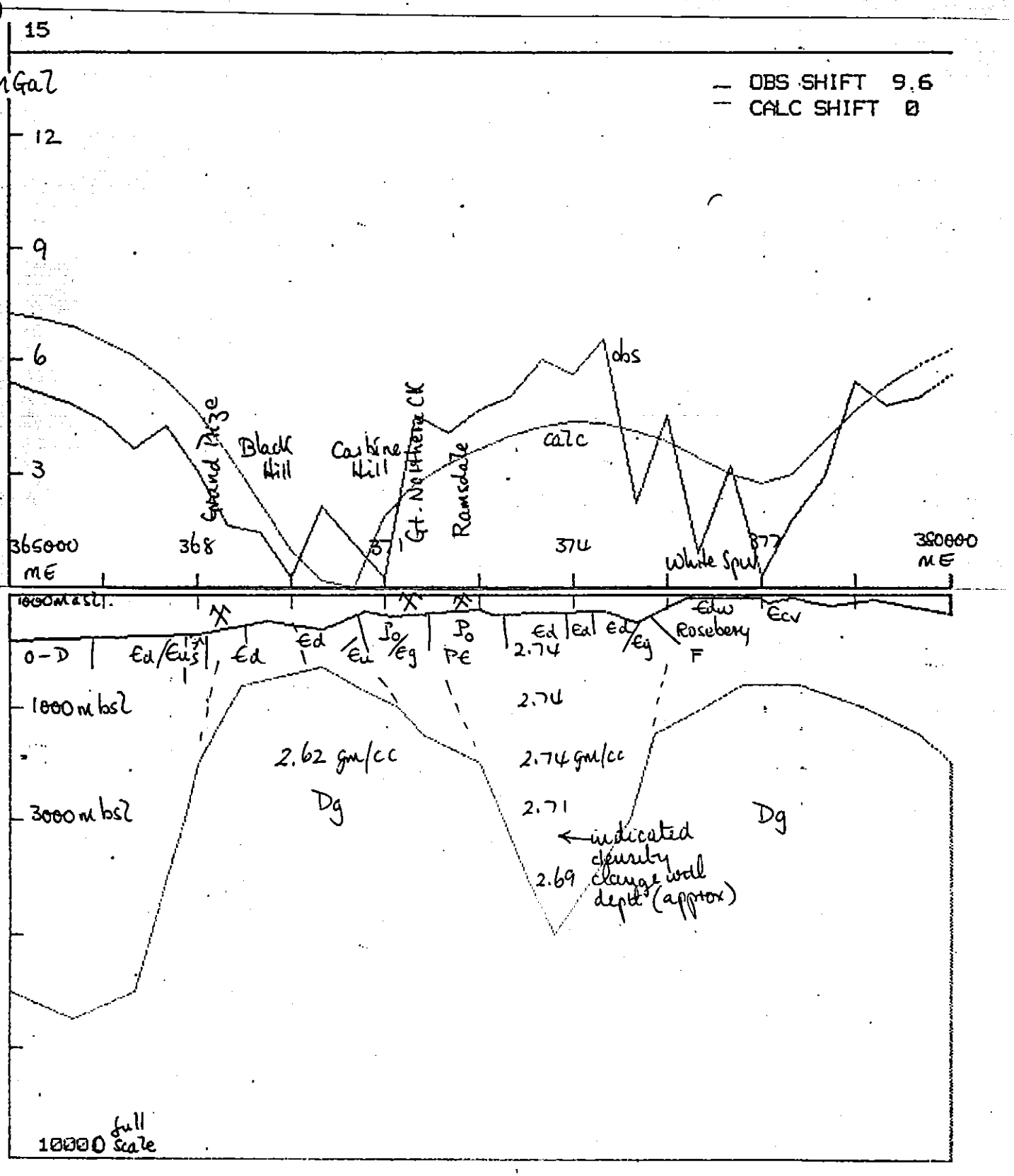
PROFILE EVALUATION
LEAMAN GEOPHYSICS

0180

151181

0 1.00 B:RESG365N
1 1.00 B:G5AR365N

ZERO SHIFT : 14.17879



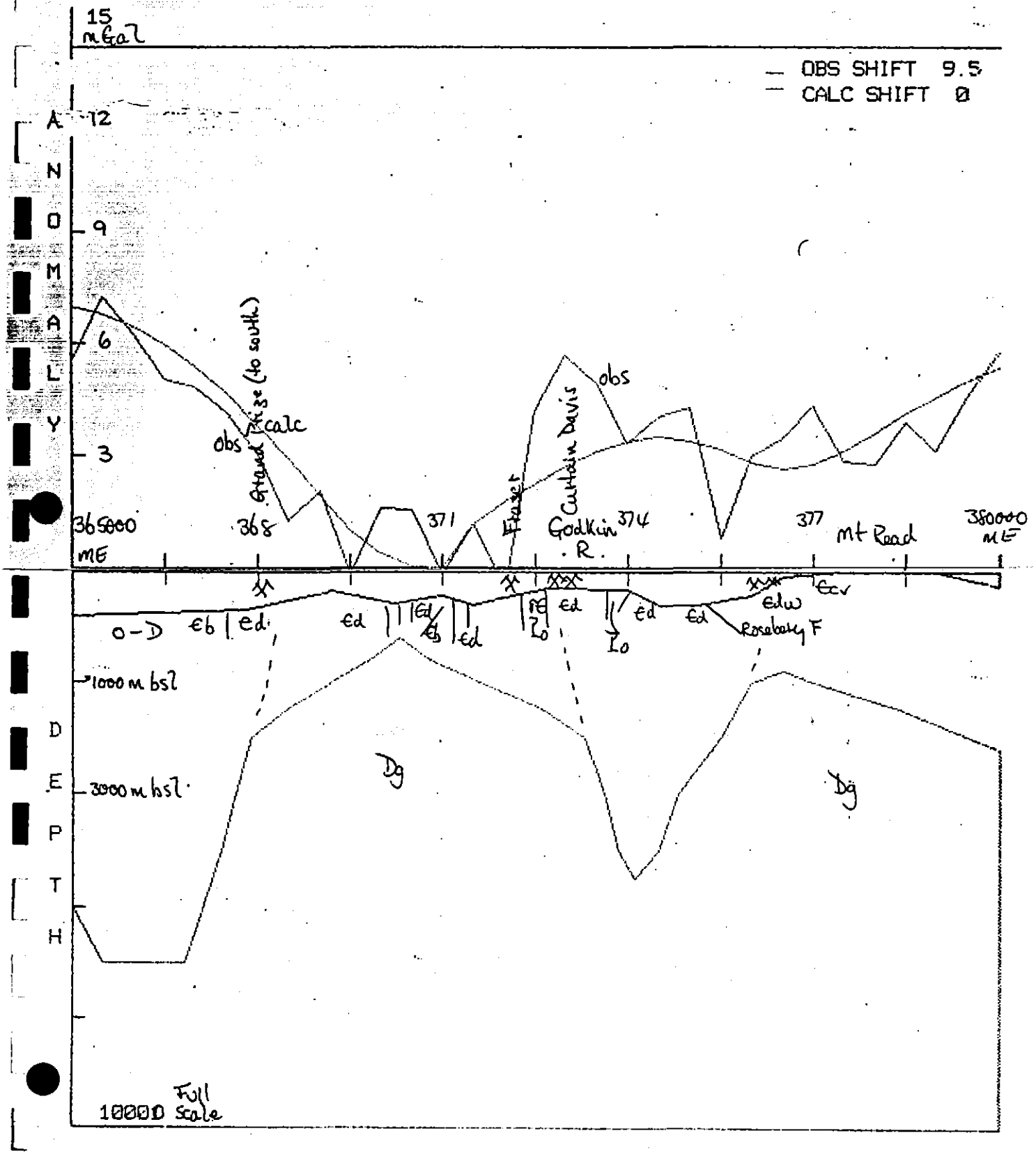
DUNDAS REGION 3D MODEL LINE 5365 000 mN FIGURE 6

PROFILE EVALUATION
LEAMAN GEOPHYSICS

151182

0 1.00 B:RESG366N
1 1.00 B:G5AR366N

ZERO SHIFT : 13.98118



DUNDAS REGION 3D MODEL LINE 5366 000 mN FIGURE 7

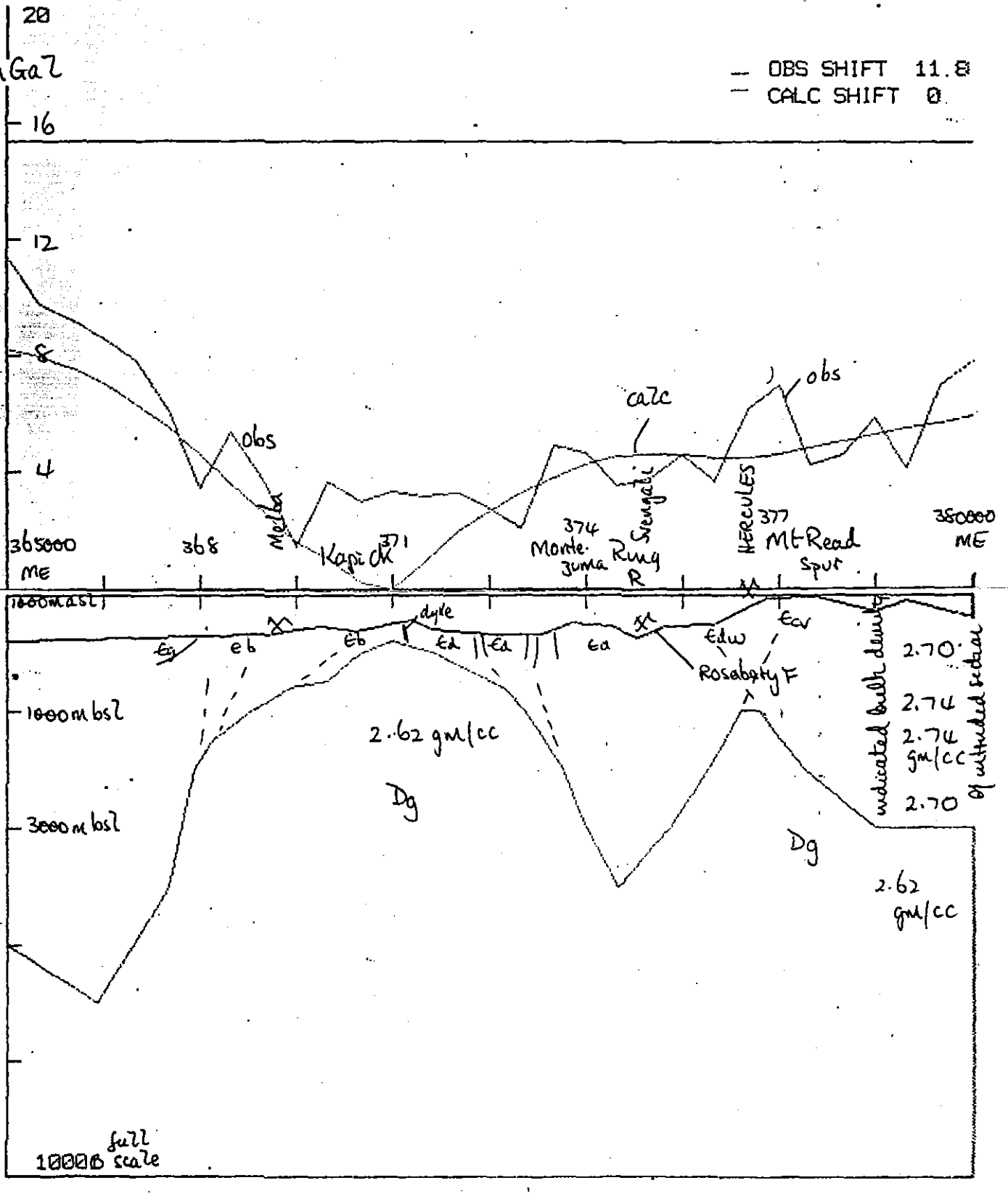
0182

151183

PROFILE EVALUATION
LEAMAN GEOPHYSICS

1.00 B:RESG367N
1.00 B:G5AR367N

ZERO SHIFT : 15.35313



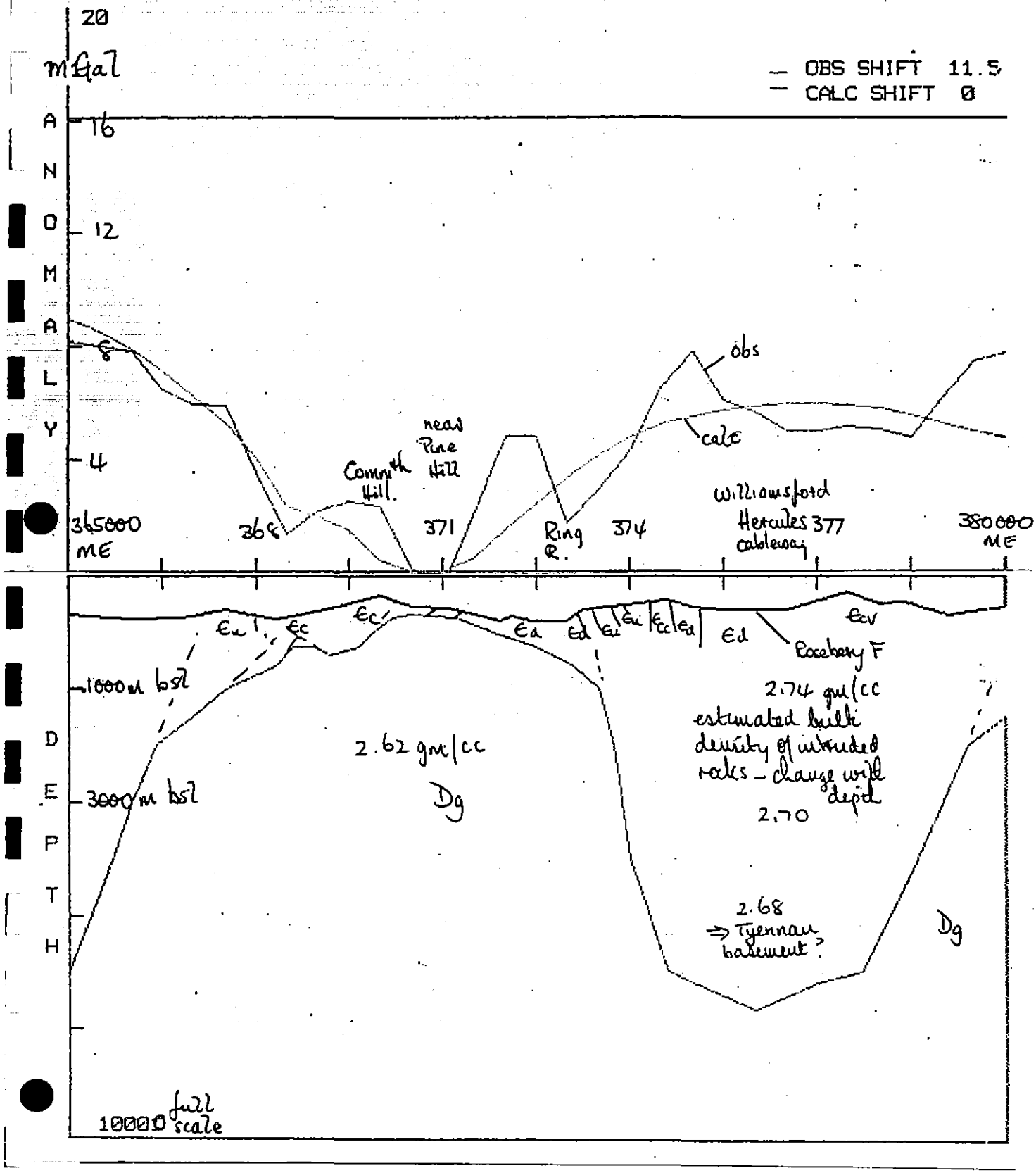
DUNDAS REGION 3D MODEL LINE 5367 000 mN FIGURE 8

PROFILE EVALUATION
LEAMAN GEOPHYSICS

151184

0 1.00 B:RESG369N
1 1.00 B:G5AR369N

ZERO SHIFT : 16.09662



DUNDAS REGION 3D MODEL LINE 5369 000 mN FIGURE 9

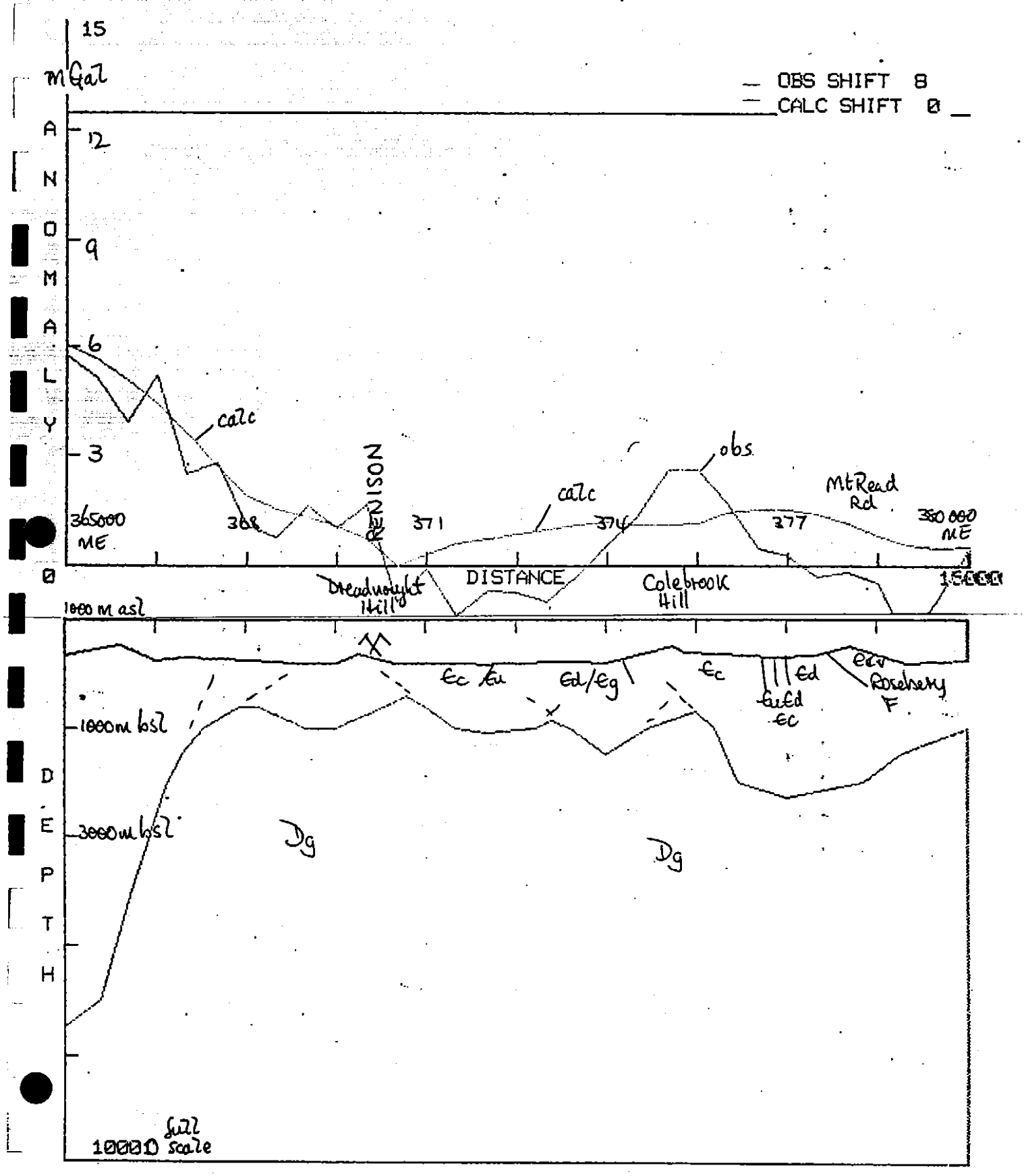
(018

PROFILE EVALUATION
LEAMAN GEOPHYSICS

151185

0 1.00 B:RESG371N
1 1.00 B:G5AR371N

ERO SHIFT : 12.47685



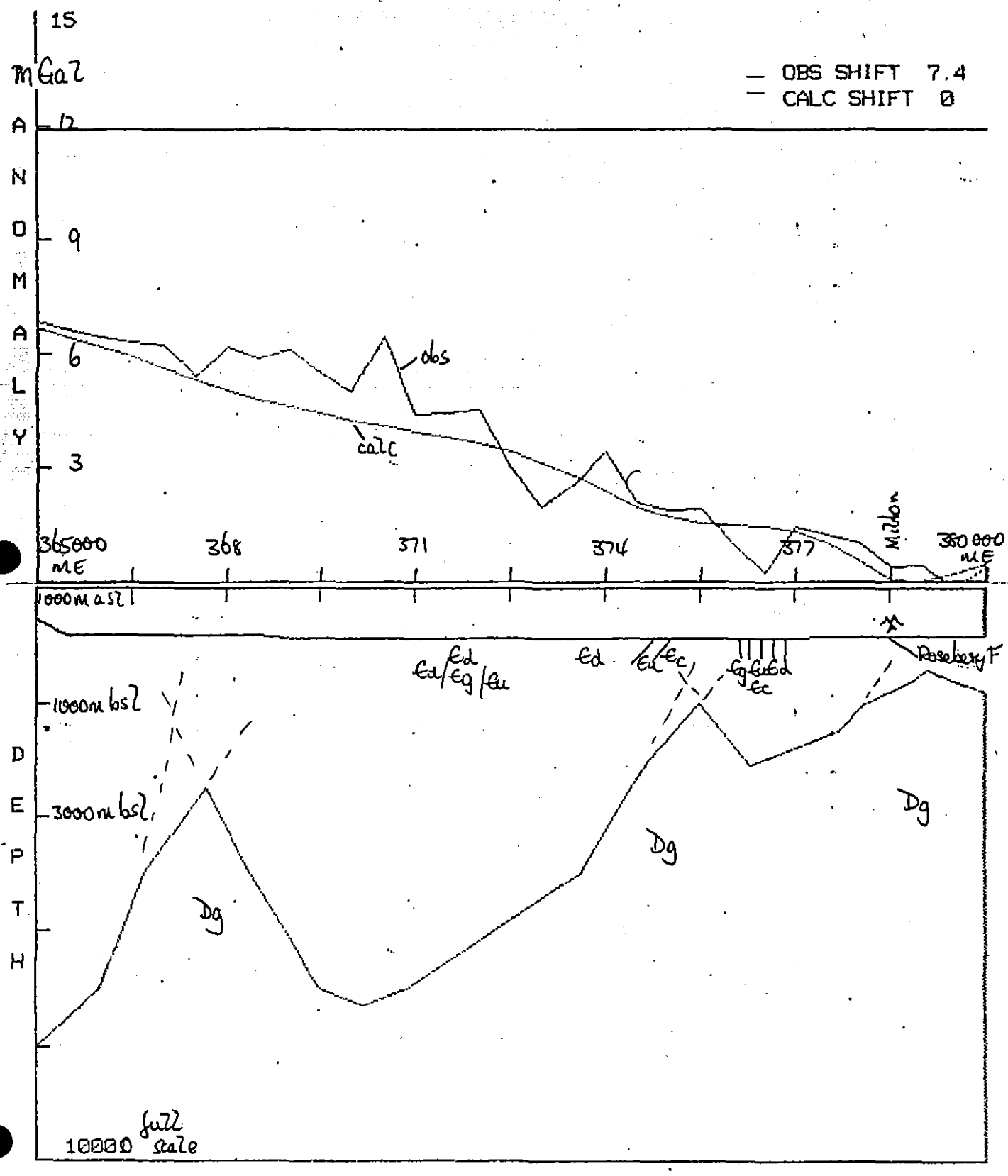
DUNDAS REGION 3D MODEL LINE 5371 000 mN FIGURE 10

PROFILE EVALUATION
LEAMAN GEOPHYSICS

151186

0 1.00 B:RESG373N
1 1.00 B:G5AR373N

ERO SHIFT : 11.91249



DUNDAS REGION 3D MODEL LINE 5373 000 mN FIGURE 11

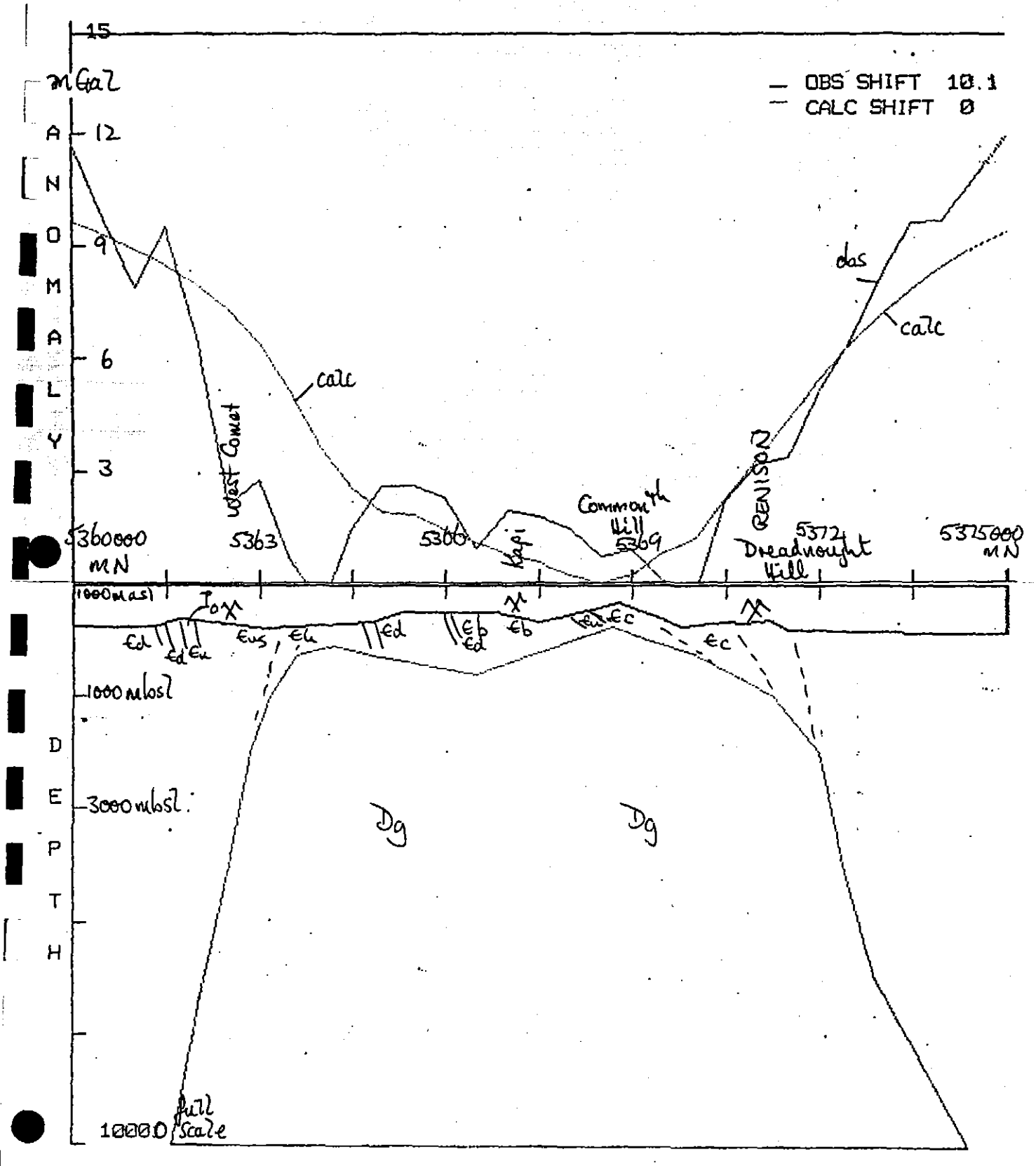
PROFILE EVALUATION
LEAMAN GEOPHYSICS

151187

0180

0 1.00 B:RES370E
1 1.00 B:G5AR370E

0 SHIFT : 14.68639

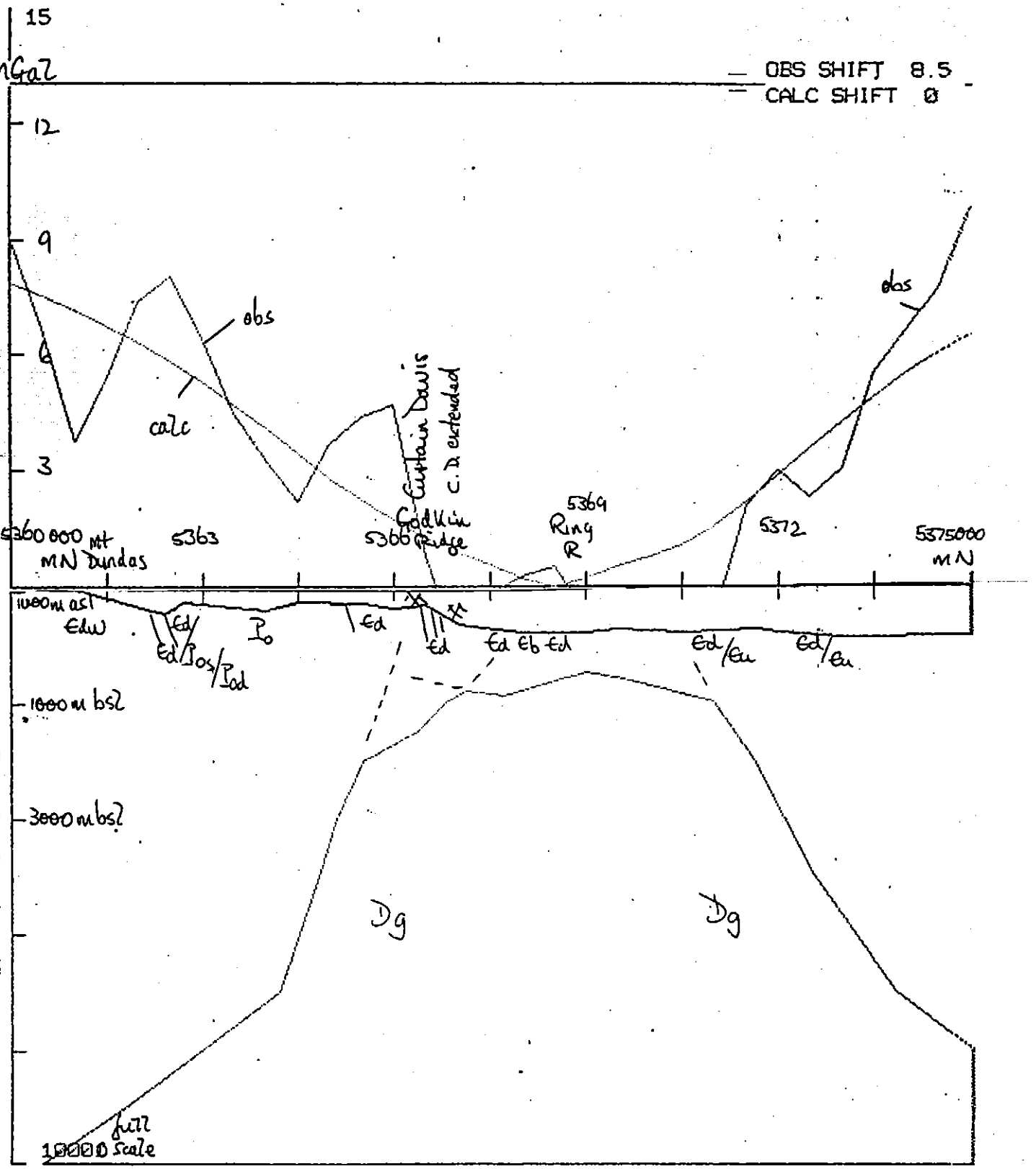


DUNDAS REGION 3D MODEL LINE 370 000 mE FIGURE 12

PROFILE EVALUATION
LEAMAN GEOPHYSICS

0 1.00 B:RESG373E
1 1.00 B:G5AR373E

ERO SHIFT : 13.01166



DUNDAS REGION 3D MODEL LINE 373 000 mE FIGURE 13

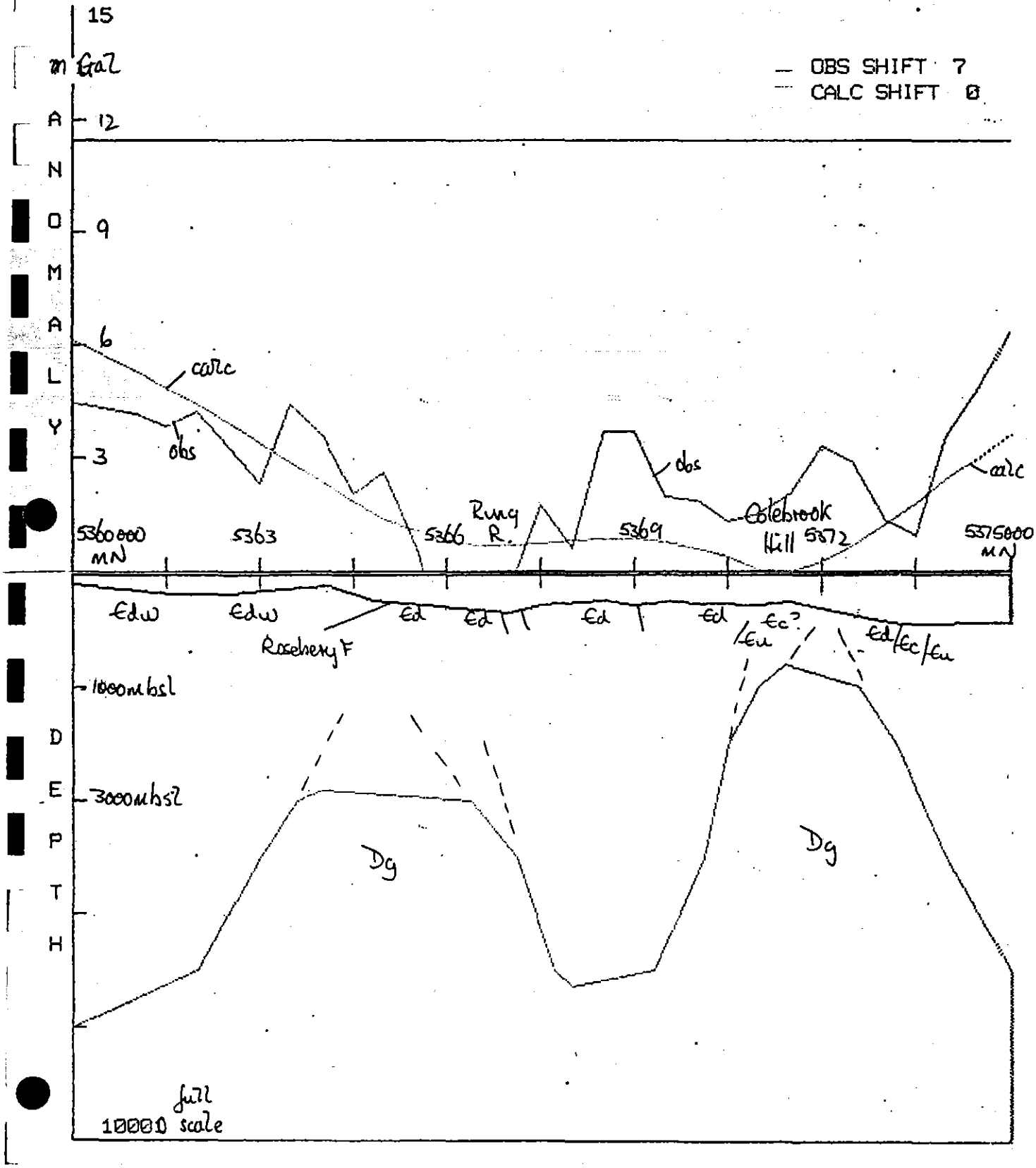
0180

PROFILE EVALUATION
LEAMAN GEOPHYSICS

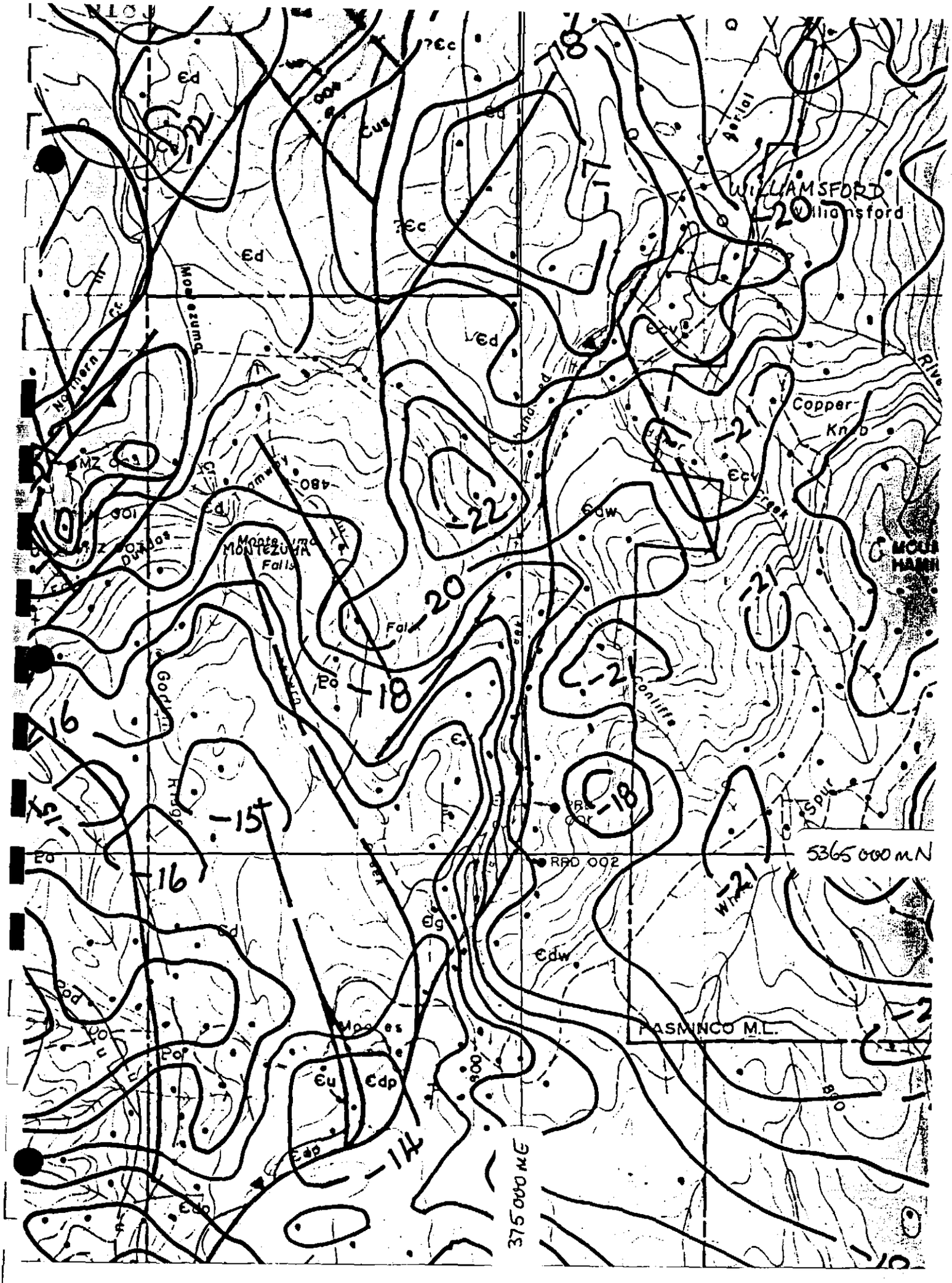
151189

0 1.00 B:RESG375E
1 1.00 B:G5AR375E

ZERO SHIFT : 11.4348

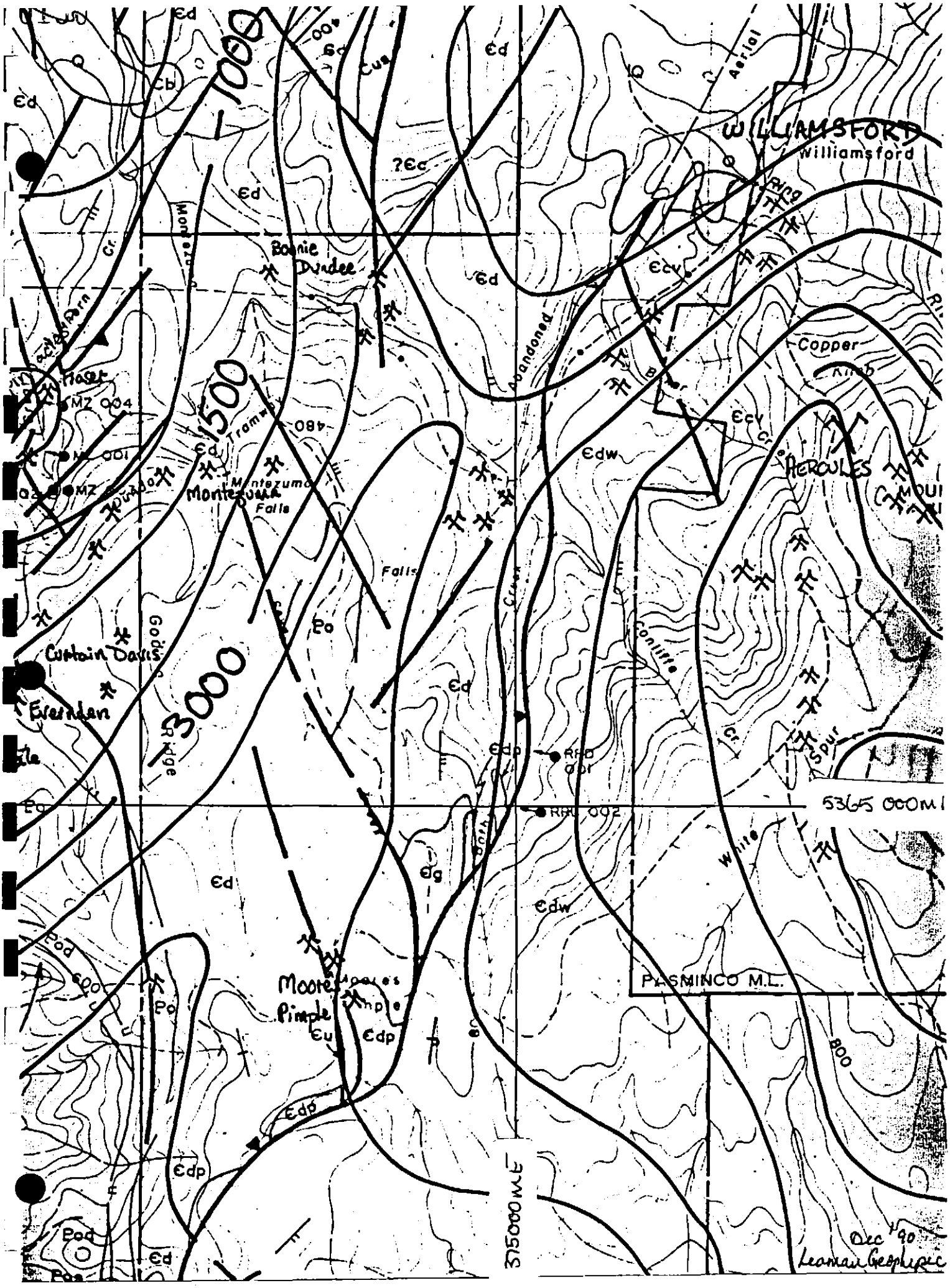


DUNDAS REGION 3D MODEL LINE 375 000 mE FIGURE 14



WILLIAMSFORD AREA BOUGUER ANOMALY AND BASE MAP FIGURE 15A

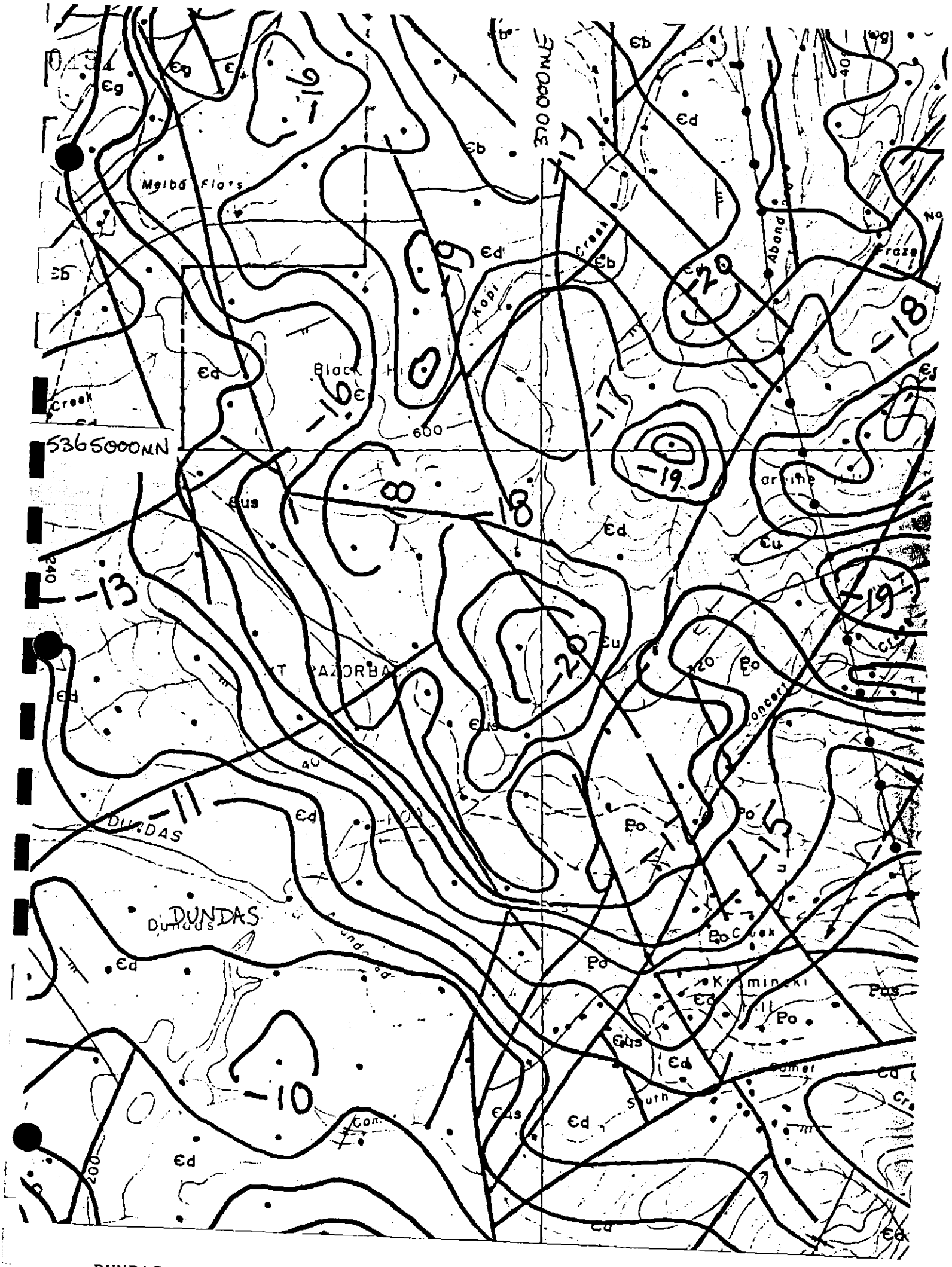
151190



WILLIAMSFORD AREA MODEL AND BASE MAP
Base map by RGC Exploration

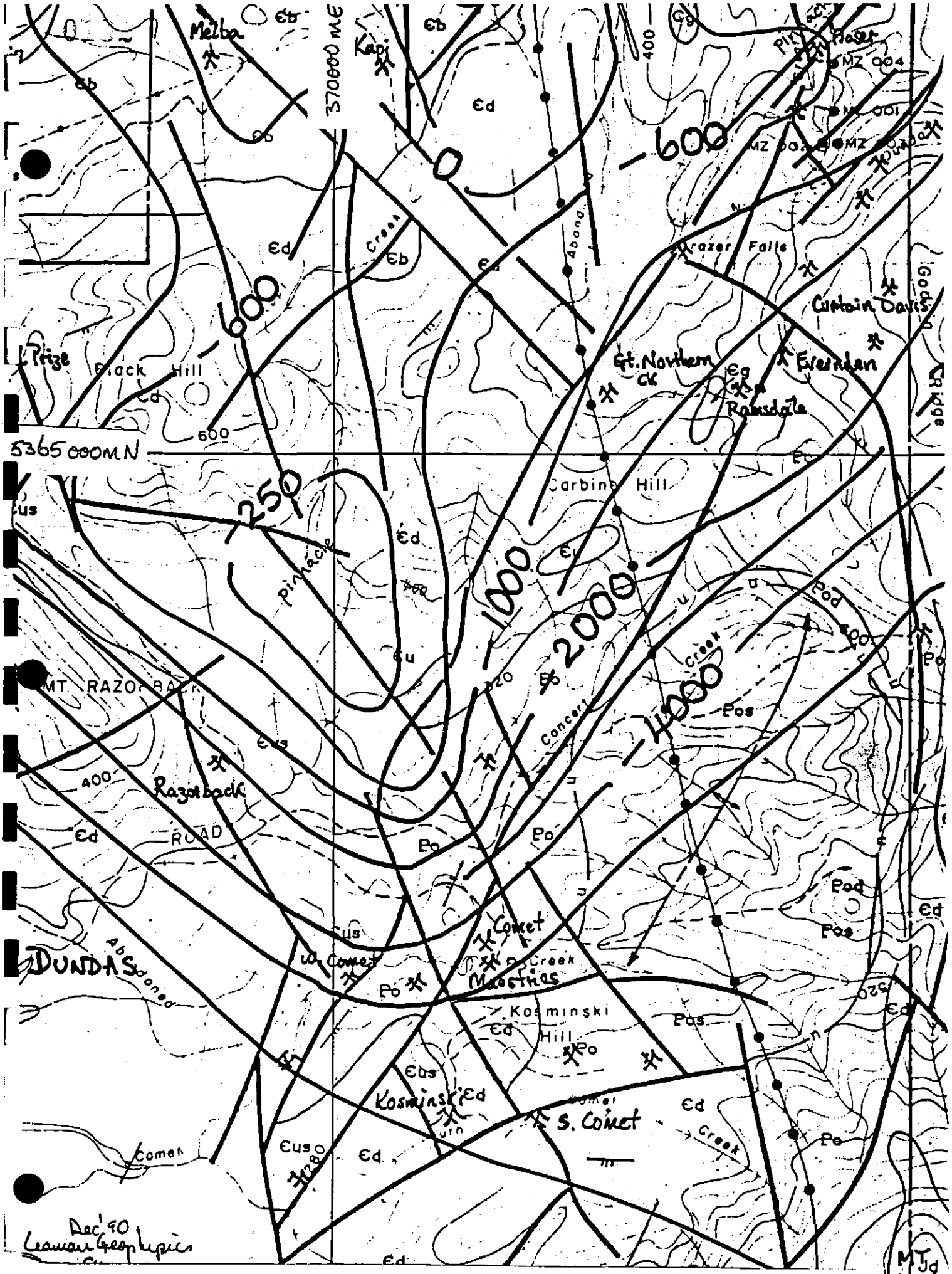
151191

FIGURE 15B



DUNDAS AREA (RAZORBACK) BOUGUER ANOMALY AND BASE MAP 151192

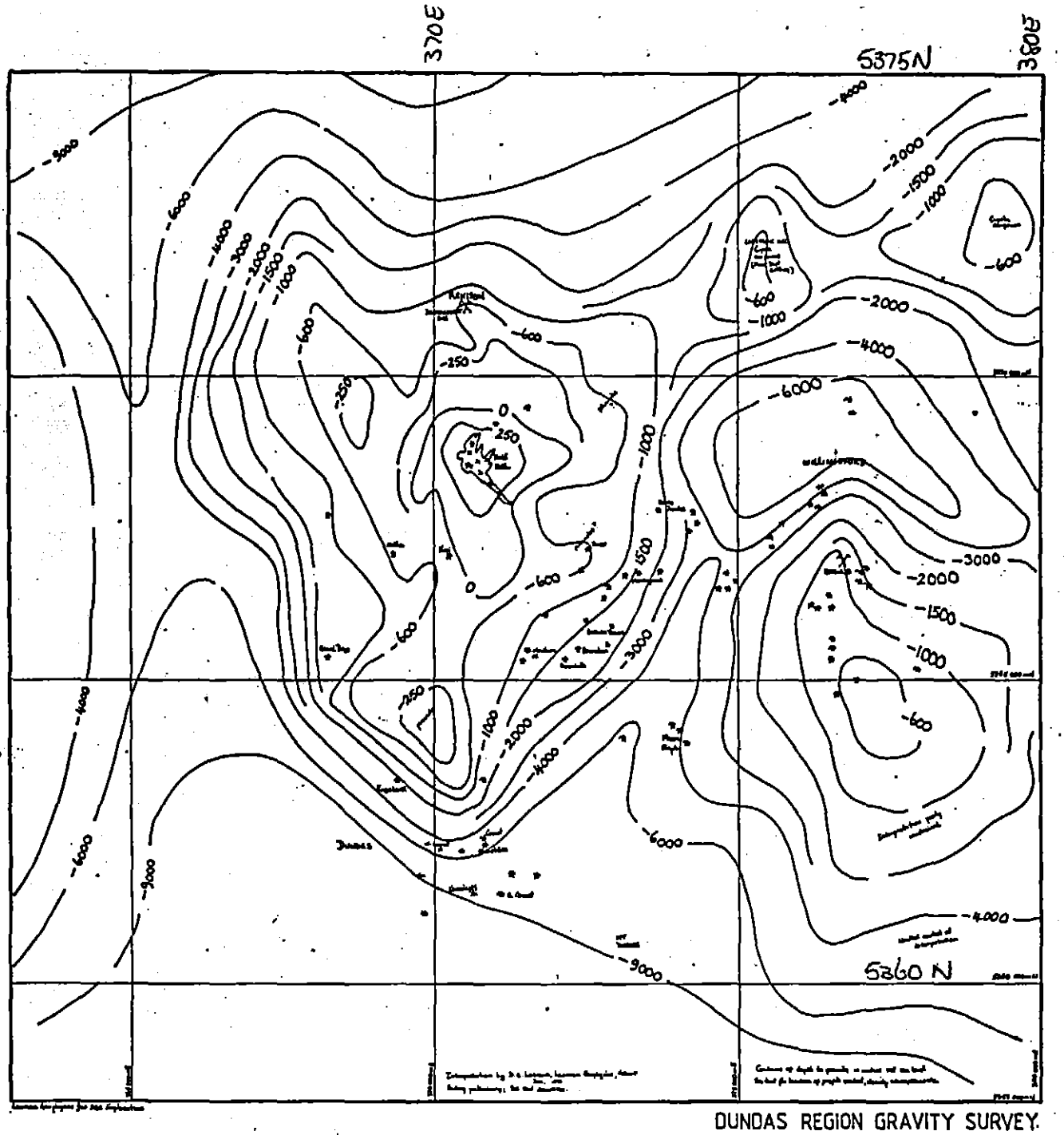
FIGURE 16A



DUNDAS AREA (RAZORBACK) CURRENT MODEL AND BASE MAP

FIGURE 16B

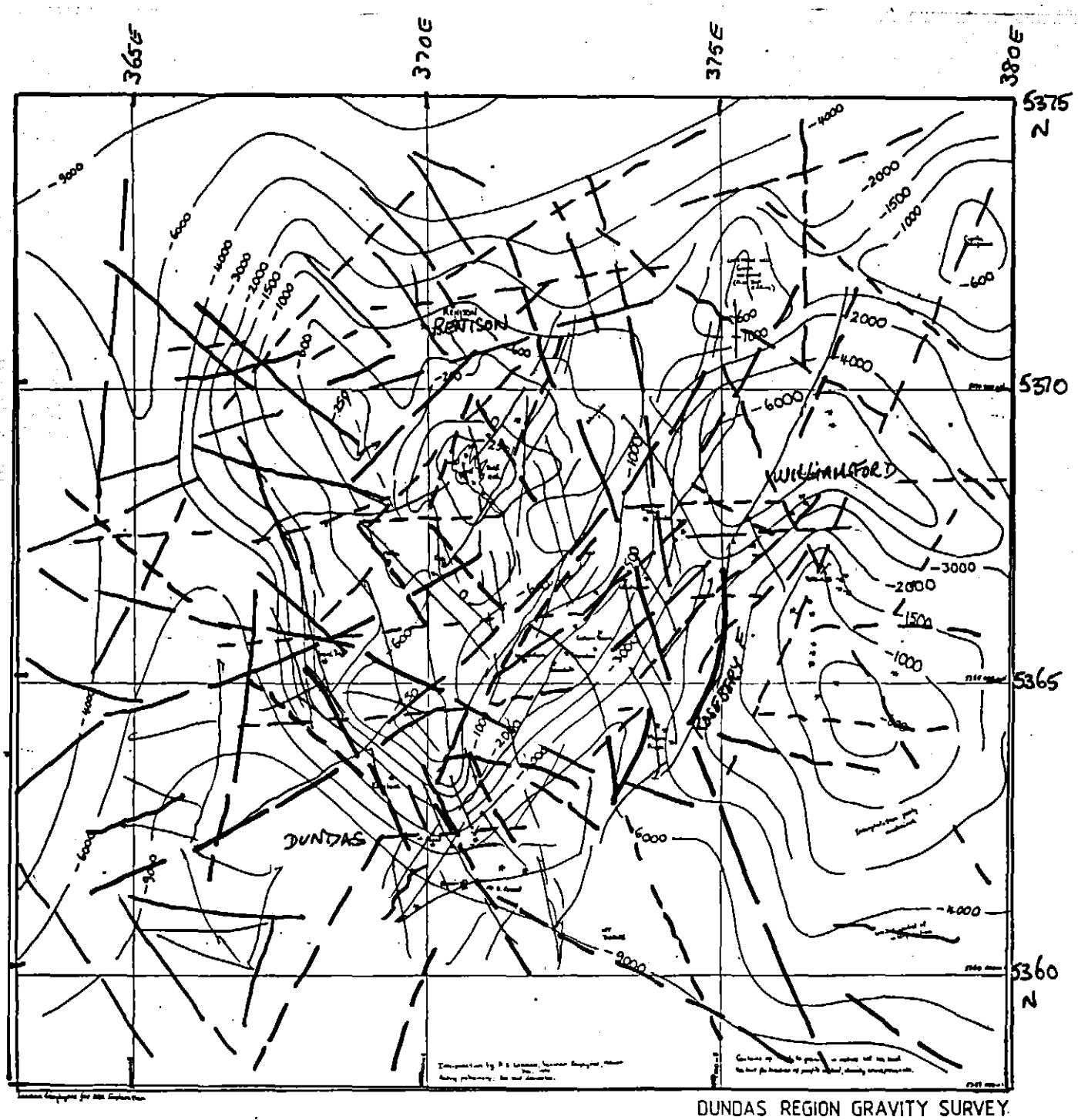
151194



DUNDAS REGION GRAVITY SURVEY.
INTERPRETATION
FORM OF PINE HILL GRANITE
MAP 2

DUNDAS REGION CURRENT MODEL OF PINE HILL GRANITE
INTERPRETATION STATUS FIGURE 17

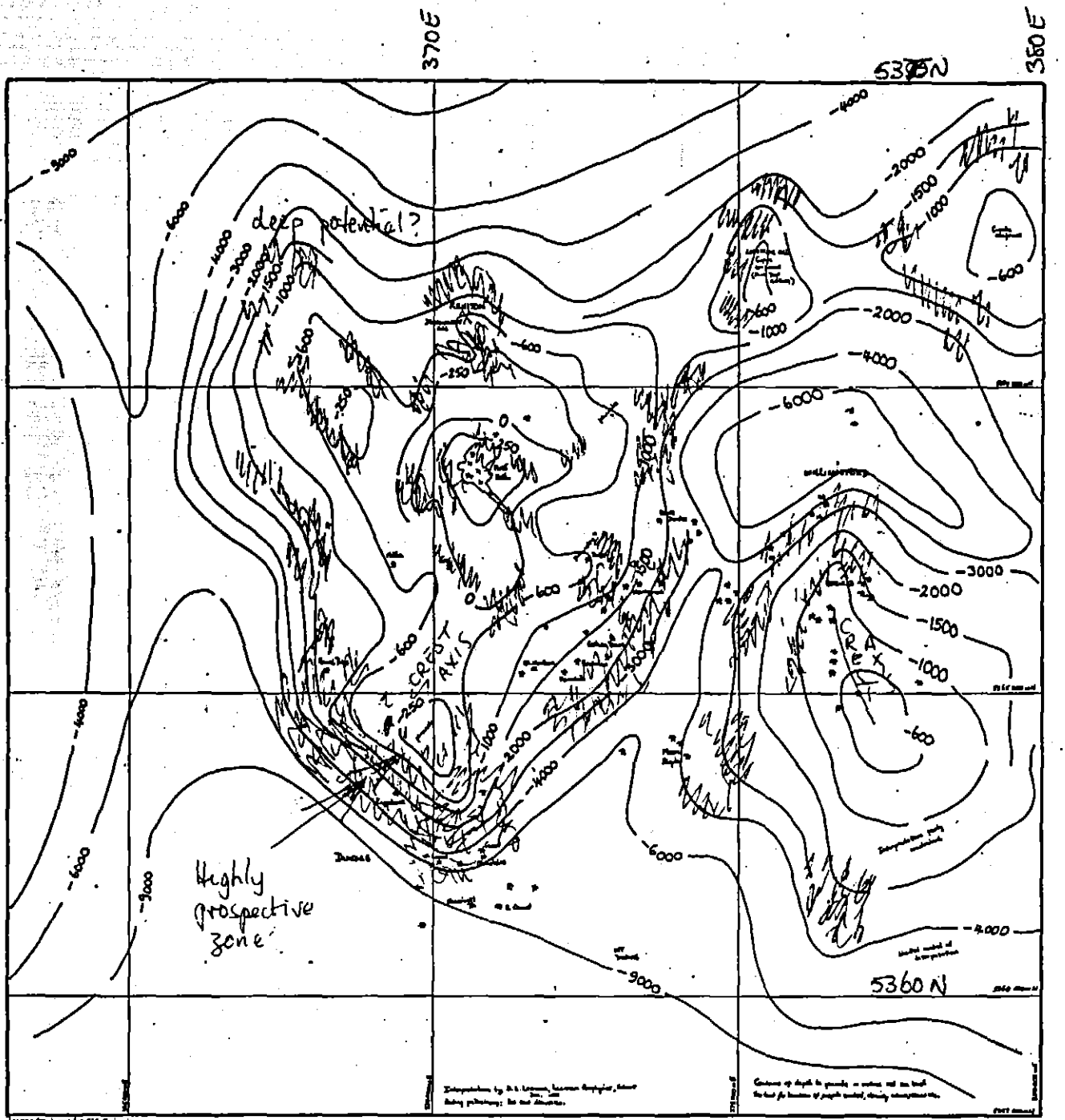
151195



DUNDAS REGION GRAVITY SURVEY
INTERPRETATION
FORM OF PINE HILL GRANITE
MAP 2

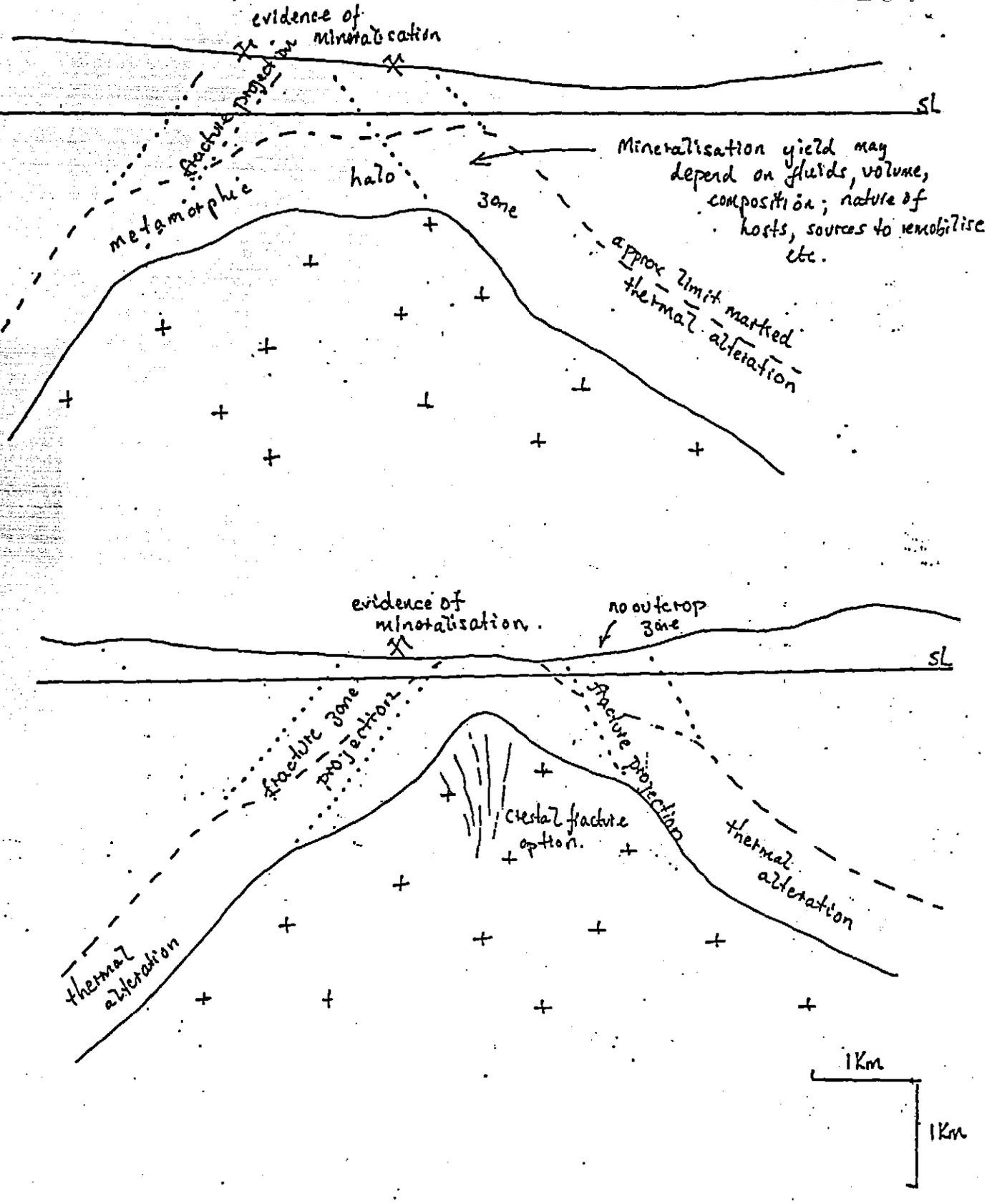
DUNDAS REGION CURRENT GRANITE MODEL AND TRENDS

FIGURE 18



DUNDAS REGION GRAVITY SURVEY.
INTERPRETATION
FORM OF PINE HILL GRANITE
MAP 2.

DUNDAS REGION CURRENT GRANITE MODEL AND POSSIBLE TARGETS
FIGURE 19



SUGGESTED RELATIONSHIPS BETWEEN GRANITE FORM AND MINERALISATION
Diagram suggests patterns of fractures and aureole effects

FIGURE 20

APPENDIX 5

Diamond Drill Logs, Montezuma Grid.

R.G.C. Exploration Pty Ltd
DUNDAS

SURFACE DIAMOND DRILLHOLE : MZ001

PROJECT IDEN : DUNDAS
START DATE : 13 FEB 90
COMPLETION DATE : 8 MAR 90
LOGGED BY:DAVID JOHN CROSSING
COLLAR NORTHING: 66792.00
COLLAR EASTING : 72573.00
COLLAR ELEVATION: 350.00
GRID AZIMUTH : 0.00
DRILLED BY :DDT
TOTAL LENGTH : 379.50
CORE/HOLE SIZE : HQNQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		294.00	-50.00	66792.00	72573.00	350.00
001	30.00		294.00	-50.00			
002	61.00		292.00	-50.00			
003	90.00		290.00	-50.00			
004	121.00		289.00	-50.50			
005	151.00		288.00	-51.00			
006	181.00		285.00	-52.00			
007	211.00		286.00	-52.10			
008	241.00		286.00	-52.20			
009	271.00		286.00	-52.20			
010	301.00		286.00	-52.20			
011	370.00		286.00	-52.50			

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
	0.00	6.00	0.0		NO CORE.	
	6.00	25.90	18.6		SILTSTONE: medium dark grey, weathered, medium bedded, exceptionally broken, bedding: 65 degree angle to c.a., 0.3% fe-oxides veins of.	
R	6.00	25.90			LOCALLY LAMINATED, FISSILE. 6.00- 25.90: 5% GRITTY AS BANDS SANDSTONE: light gray, finely bedded, graded bedding.	
R	12.00	15.50			LIMONITE (AFTER SULPHIDE) LINES 1 - 10 MM WIDE FRACTURES THAT	
R	12.00	15.50			FORM TWO SETS AT 45 AND 0 DEG TO C.A. RESPECTIVELY OFFSETS AVE	
R	12.00	15.50			3 CM.	
	25.90	30.20	4.3		PEBBLEY SANDSTONE: light gray, weathered, coarse bedded, massive, moderately broken, coarse sand, intermediately sorted, bedding: 85 degree dip to c.a., 1% fe-oxides infilling shear/fault.	
R	25.90	30.20			0 - 1 CM WIDE LIMONITIC, VUGHY FRACTURES OF MINOR DISPLACEMENT	
R	25.90	30.20			FORM A REGULAR SET (3 PER METRE) AT 20 - 30 DEG TO C.A.	
R	25.90	30.20			RARE ROUNDED INTRACLASTIC PEBBLES OF SILTSTONE OCCUR 25.90- 30.20: 10% IRREGULARLY INTERBEDDED SILTSTONE: dark gray.	

0199

151199

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ001 (CONTINUED)

15400

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
	30.20	41.30	11.1		SILTSTONE: medium dark grey, weathered, massive, medium bedded, microfaults, highly broken, bedding: 85 degree dip to c.a., 3 % infilling shear/fault.	
R	30.20	41.30			0 - 1 CM WIDE LIMONITIC VUGHY FRACTURES OF MINOR DISPLACEMENT	
R	30.20	41.30			FORM A REGULAR SET (5 PER METRE) AT 10 - 30 DEG TO C.A	
					30.20- 41.30: 10% GRITTY AS BANDS SANDSTONE: light gray.	
	41.30	56.45	14.7		CONGLOMERATE: light gray, weathered, massive, coarse bedded, microfaults, moderately broken, coarse sand, large pebble, 50% coarse, very poorly sorted, very rounded, moderate sphericity.	
R	41.30	56.45			POLYMICT VARYING BETWEEN GRAIN AND MATRIX SUPPORTED,THE COARSE	
R	41.30	56.45			MATRIX IS STRONGLY CARBONATED FROM 50 TO 55M.	
R	41.30	56.45			PEBBLES INCLUDE: SILTSTONE,BLACK SHALE,GREYWACKE, WHITE CHERT,	
R	41.30	56.45			QUARTZITE,CARBONATE,FUCHSITIC,?TUFF ETC.	
R	41.30	52.10			LIMONITE STAINING LINES STOCKWORK OF VUGGY FRACTURES, INCLUDING	
R	41.30	52.10			SMALL DISPLACEMENT FAULTS AND DILATIONAL FISSURES.	
R	41.30	52.10			LIMONITE ALSO LINES IRREGULAR VUGHS IN AREAS OF DENSE STOCKWORK	
R	41.30	52.10			SUGGESTING PATCHY REPLACEMENT OF ONCE CALCAREOUS MATRIX/ CLASTS	
			14.7		41.30- 52.10: 100% CONGLOMERATE: light gray, weathered, massive, coarse bedded, microfaults, moderately broken, coarse sand, large pebble, 50% coarse, very poorly sorted, very rounded, moderate sphericity, fault: 50 degree angle to c.a., 3 % fe-oxides infilling shear/fault.	
			14.7		52.10- 56.44: 100% CONGLOMERATE: light gray, weathered, massive, coarse bedded, microfaults, moderately broken, coarse sand, large pebble, 50% coarse, very poorly sorted, very rounded, moderate sphericity, fault: 30 degree angle to c.a., 0.1% carbonate infilling shear/fault, 0.1% pyrite infilling shear/fault, .03% pyrrhotite infilling shear/fault, .03% arsenopyrite infilling shear/fault, .03% sphalerite infilling shear/fault.	
	56.45	57.00	0.6		FAULT: moderately broken, fault: 45 degree angle to c.a., 3 % siderite infilling shear/fault, 5% pyrite infilling shear/fault, 3 % calcite infilling shear/fault, 5% pyrrhotite infilling shear/fault, 5% arsenopyrite infilling shear/fault.	
	57.00	59.50	2.5		SILTSTONE: medium light grey, medium bedded, exceptionally broken, bedding: 70 degree angle to c.a., 0.3% pyrite infilling shear/fault, 1% fe-oxides infilling shear/fault.	
R	57.00	59.50			GRADATIONAL BASE NUMEROUS PYRITE &/ OR LIMONITE FILLED	
R	57.00	59.50			FRACTURES AT 40 - 45 DEG TO C.A.	
	59.50	73.90	14.4		SILTSTONE: medium gray, massive, medium bedded, microfaults,	

0159

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ001 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
					moderately broken, bedding: 55 degree angle to c.a., 0.1% quartz veins of, 0.1% calcite veins of. 59.50- 73.90: 10% INTERBEDDED INCREASING DOWNHOLE SILTSTONE: light gray, dolomitized, finely bedded.	
	73.90	83.90	10.0		SILTY CARBONATE: medium gray, massive, moderately broken, 0.3% talc patches, 1% calcite veins of, possibly present chlorite patches.	
R	73.90	83.90			IMPURE SILTY GREENISH - GRAY, NO BEDDING STRUCTURES APPARENT (	
R	73.90	83.90			MAY BE ALTERED INTERMEDIATE VOLCANIC ??), BRECCIATED NEAR	
R	73.90	83.90			BASE.	
	83.90	85.50	1.6		DOLOMITE: gray mottled, disrupted bedding, stylolitic, partly recrystallised, 10% carbonate veins of, .03% pyrrhotite disseminations of, possibly present chlorite patches, 0.3% pyrrhotite.	
	85.50	91.00	5.5		CARBONATE BRECCIA: palest grey, silicified, moderately broken, 70% carbonate replacive, 3 % talc breccia fillings of, 3 % chlorite breccia fillings of, 1% pyrrhotite.	
R	85.50	91.00			ANGULAR CARBONATE FRAGEMENTS IN DARK GREY MATRIX. CARBONATE IS	
R	85.50	91.00			PROBABLY INTRODUCED.	
R	85.50	91.00			POSSIBLY A DOLOMITISED MAFIC (OR INTERMEDIATE ?) VOLCANIC OF	
R	85.50	91.00			ALTERED DACITE AT FRAZER CREEK CROSSING.	
R	85.50	91.00			A HIGHLY SILICIFIED ALTERED ROCK OF UNKNOWN AFFINITIES, WITH	
R	85.50	91.00			REMNANT STYLOLITES SUGGESTING A CARBONATE PRECURSOR. 85.50- 91.00: 10% INTERMIXED NEAR BASE OF INTERVAL ANY ROCK: gray green, dolomitized, coarse sand, 1% quartz veins of, 1% carbonate veins of, possibly present dolomite interstitial, possibly present chlorite patches. 85.50- 91.00: 40% CARBONATE QUARTZ BRECCIA: silicified, massive, textures obliterated by alteration, 20% quartz replacive, 40% carbonate replacive, 1% pyrite disseminations > veins, 3 % chromite disseminations of, 10% carbonates veins of, 10% quartz veins of, 1% pyrrhotite.	
	91.00	116.20	25.2		CARBONATE QUARTZ BRECCIA: medium gray, silicified, massive, textures obliterated by alteration, recrystallised, 20% quartz replacive, 50% carbonate replacive, 10% talc in stylolites, possibly present chalcopyrite disseminations of, 0.3% chromite disseminations of, 0.3% pyrrhotite in stylolites, 1% carbonates veins of, 10% quartz veins of, possibly present chlorite in stylolites, 3 % pyrrhotite. 91.00- 116.20: 3 % INTERMIXED CARBONATE QUARTZ BRECCIA: black,	

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19203

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ001 (CONTINUED)

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
					brecciated, 60% carbonate replacive, possibly present talc patches, 0.3% pyrite disseminations of, fuchsite patches, sericite patches, 3 % pyrrhotite.	
			25.2		100.50- 101.00: 100% CARBONATE QUARTZ BRECCIA: medium gray, silicified, massive, textures obliterated by alteration, recrystallised, 20% quartz patches, 20% carbonate patches, 10% talc patches, possibly present chalcopyrite disseminations of, 3 % chromite disseminations of, 3 % pyrrhotite disseminations of, fuchsite patches, 10% quartz veins of, patches, 3 % pyrrhotite.	
R THN	102.50	102.60			T19341; REP. SAMPLE OF MORE PERVASIVELY SILICIFIED	
R THN	102.50	102.60			PORTIONS.AFFINITIES UNKNOWN REMANT STYLOLITIES PRESENT.	
R	113.30	114.00			EXTREMELY ALTERED, RECRYSTALLISED COARSE GRAINED.	
					113.30- 114.00: 100% QUARTZ-CARBONATE BRECCIA: 40% quartz patches, 40% carbonate replacive, 3 % chromite disseminations of, 5% pyrrhotite.	
	116.20	132.00	15.8		CARBONATE QUARTZ BRECCIA: very dark gray, massive, textures obliterated by alteration, heterogeneous, 5% quartz pervasive, 20% carbonate replacive, 20% talc replacive, 3 % chromite disseminations of, 20% carbonates veins of, possibly present chlorite patches, 0.3% pyrrhotite.	
					116.20- 132.00: 50% INTERMIXED NEAR BASE OF INTERVAL DOLOMITE: medium gray, talcose, massive, 3 % chromite disseminations of, 0.3% pyrrhotite.	
R	128.10	128.20			T19342; REP. SAMPLE TALC IS PATCHY AND REPLACIVE.	
	132.00	166.00	34.0		CARBONATE: greenish gray, actinolitic, talcose, massive, textures obliterated by alteration, .03% magnetite pervasive, 3 % chromite disseminations of, 30% actinolite replacive, 5% carbonates veins of, 0.3% pyrrhotite.	
R	132.00	166.00			REMNANT OF SERPENTINISED ULTRAMAFICS IN A ZONE OF STRONG	
R	132.00	166.00			CARBONATION (PRODUCING DOLOMITE AND CALC- SILICATES)	
					132.00- 166.00: 40% INTERMIXED NEAR TOP OF INTERVAL DOLOMITE: medium gray, 10% carbonate veins of, 3 % talc pervasive, 1% pyrrhotite.	
					132.00- 166.00: 10% INTERMIXED NEAR MIDDLE OF OF INTERVAL SERPENTINITE: black, 10% carbonate veins of.	
					140.10- 140.60: 100% VEIN: quartzitic,ose, vein: 20 degree angle to c.a..	
R THN	154.45	154.45			SAMPLE NO. T19343. DOLOMITE ? FINE GRAINED GREYISH CARBONATE.	
R THN	154.45	154.45			NOTE; PYRRHOTITE CONTENT DECREASES DOWNWARD. GRADATIONAL BASE.	
					163.20- 163.60: 100% SHEAR (ZONE): sheared, brecciated, fault: 45 degree angle to c.a..	

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161202

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ001 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
	166.00	191.50	22.5		CARBONATE: greenish gray, talcose, moderately broken, 70% carbonate replacive, 20% talc replacive, .03% pyrite disseminations of, 3 % chromite disseminations of, 0.3% pyrrhotite disseminations of, 1% carbonates veins of, possibly present chlorite replacive, 0.3% pyrrhotite.	
R	166.00	191.50			BECOMES INCREASINGLY TALCOSE DOWNWARD. A TALC-CARBONATE ROCK,	
R	166.00	191.50			REPLACING ULTRAMAFICS. FINE GRAINED, SOMEWHAT AMORPHOUS.	
R THN	176.90	177.00			SAMPLE NO. T19344; REPRESENTATIVE SAMPLE	
					188.00- 189.00: 100% TALC CARBONATE: massive, 40% carbonate replacive, 40% talc replacive, 10% carbonates veins of, possibly present chlorite replacive.	
	191.50	203.50	12.0		ULTRAMAFIC: very dark green, massive, moderately broken, 3 % carbonate veins of, 1% magnetite disseminations of, 3 % chromite disseminations of.	
R	191.50	203.50			PARTLY SERPENTINISED DUNITE ? THE CHROMITE ? VARIES IN	
R	191.50	203.50			CONCENTRATION, LOCALLY FORMING DIFFUSE BANDS.	
R	191.50	203.50			LOCALLY SPOTTED TEXTURE DUE TO PRESENCE OF SCATTERED ANHEDRAL	
R	191.50	203.50			WHITISH MINERAL (FELDSPAR ?) . MAGNETIC BELOW 197 M .	
R	191.50	192.50			CHROMITE (5 - 6%) AS DISSEMINATIONS AND DIFFUSE BANDS AT 45 DEG	
R	191.50	192.50			TO C.A.	
R THN	192.00	192.10			SAMPLE NO. T19345; REP. SAMPLE	
R	202.10	202.70			CHROMITE (5 - 6%), WITH MAGNETITE AS DISSEMATIONS AND	
R	202.10	202.70			IRREGULAR AGGREATES.	
	203.50	217.00			ULTRAMAFIC: black, massive, fine sand, 3 % carbonate veins of, 1% magnetite disseminations of, 3 % chromite disseminations of.	
R	203.50	217.00			THE PYRITE/ PYRRHOTITE IS ELONGATED PARALLEL TO LINEATIONS,	
R	203.50	217.00			WHICH OCCUR AT 90 DEG TO C.A., WITHIN FOLIATIONS AT 45 DEG TO	
R	203.50	217.00			C.A.	
					203.50- 217.00: 50% INTERMIXED SERPENTINITE: massive, lineated, moderately broken, 1% magnetite disseminations of, 0.3% pyrite disseminations of, 3 % chromite disseminations of, 0.3% pyrrhotite.	
R	208.50	212.50			CHROMITE (5%) WITH MAGNETITE, DISSEMINATED, AND AS A 5 CM BAND	
R	208.50	212.50			(AT 212.3 M) AT 45 DEG TO C.A.	
	217.00	236.00	29.0		ULTRAMAFIC: black, serpentinized, massive, textures obliterated by alteration, moderately broken, 3 % carbonate veins of, 1% magnetite disseminations = veins, 0.1% chrysotile veins of, 3 % chromite disseminations = veins, .03% pyrrhotite .	

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151203

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ001 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Formation
R	217.00	236.00			BECOMES LIGHTER TOWARD BASE AS SERPENTINIZATION	
R	217.00	236.00			INTENSIFIES,LIKEWISE FOLIATION (45 DEG TO C.A) INTENSIFIES	
R	217.00	236.00			DOWNWARD.	
R	217.00	236.00			CHROMITE AND/OR MAGNETITE OCCURS AS DISSEMINATIONS AND BANDS	
R	217.00	236.00			AND ALSO REMOBILISED INTO A STOCKWORK OF FRACTURES. COMBINED	
R	217.00	236.00			CHROMITE/ MAGNETITE = 3 - 10 %	
					225.00- 225.70: 100% SHEAR (ZONE): 1% pyrite infilling shear/fault, 3 % chromite infilling shear/fault, 5% pyrrhotite .	
	236.00	261.00	25.0		SERPENTINITE: dark green, massive, textures obliterated by alteration, highly broken, 3 % carbonate veins of, 3 % magnetite disseminations of, 3 % chromite disseminations of.	
R	236.00	261.00			VARIABLY SHEARED/SCHISTOSE,GENERALLY 20-45 DEG TO CA, OFTEN	
R	236.00	261.00			WITH SLICKENSIDE LINEATIONS ON SHEAR SURFACES. GRADATIONAL	
R	236.00	261.00			BASE.	
R	236.00	261.00			CHROMITE / MAGNETITE CONTENT 4 - 10 % AS DISSEMINATIONS AND	
R	236.00	261.00			VARIABLE STOCKWORK, WITH MAGNETITE INCREASINGLY DOMINANT TOWARD	
R	236.00	261.00			BASE.	
			25.0		236.00- 261.00: 100% SERPENTINITE: dark green, massive, textures obliterated by alteration, highly broken, 3 % carbonate veins of, 3 % magnetite disseminations of, 5% chromite disseminations of.	
			25.0		252.00- 252.10: 100% SERPENTINITE: dark green, massive, textures obliterated by alteration, highly broken, fault: 45 degree angle to c.a., 3 % carbonate veins of, 3 % magnetite infilling shear/fault, 5% chromite infilling shear/fault.	
			25.0		258.20- 258.40: 100% SERPENTINITE: dark green, massive, textures obliterated by alteration, highly broken, 3 % carbonate veins of, 5% magnetite massive/ semi - massive, possibly present chromite massive/ semi - massive, possibly present pyrrhotite.	
	261.00	362.00	101.0		ULTRAMAFIC: darkest green, serpentinized, massive, textures obliterated by alteration, moderately broken, cleavage: 45 degree angle to c.a., 3 % magnetite infilling shear/fault, .03% pyrite disseminations of, possibly present chromite infilling shear/fault.	
R	261.00	362.00			FINE GRAINED MAGNETITE (AND CHROMITE?) OCCURS THROUGHOUT IN AN	
R	261.00	362.00			EVENLY DISTRIBUTED STOCKWORK OF FINE VEINLETS , AND AS	
R	261.00	362.00			DISSEMINATIONS.RARE CHROMITE BANDS.	
R	261.00	362.00			A PENETRATIVE FABRIC OF FINE CLOSE - SPACED IRREGULAR SHAPED	
R	261.00	362.00			FOLIATION IS WELL DEVELOPED ABOVE 310M, AND VARIABLY DEVELOPED	
R	261.00	362.00			BELOW 310M.	

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131204

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ001 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
R	261.00	362.00			THE MAGNETITE (AND CHROMITE ?) OCCURS AS DISSEMINATIONS AND	
R	261.00	362.00			CONCENTRATED ALONG THE FOLIATIONS AND OCCASIONALY FRACTURES.	
R	261.00	362.00			WIDELY SPACED SHEARS AT 25-30 DEG TO CA ARE ASSOCIATED WITH	
R	261.00	362.00			ZONES OF MORE INTENSE SERPENTISATION AND MAGNETITE	
R	261.00	362.00			REMOBILIZATION.	
					261.00- 362.00: 20% INTERMIXED SERPENTINITE: dark green, massive, 3 % magnetite disseminations of, 3 % chromite disseminations of.	
R	276.30	277.80			AN UNUSUAL MIXTURE OF FRAGMENTS AND/OR LARGE EUHERDAL CRYSTALS	
R	276.30	277.80			OF PLAGIOCLASE ? SERP/PYROXENE ? AND A REDDISH STAINED MINERAL.	
					276.30- 277.80: 50% ULTRAMAFIC: gray green, brecciated.	
R THN	313.50	313.60			T19346; REPRESENTATIVE SAMPLE.	
			101.0		331.90- 332.40: 100% ULTRAMAFIC: darkest green, serpentinized, massive, textures obliterated by alteration, moderately broken, cleavage: 45 degree angle to c.a., 30% magnetite massive/ semi - massive, .03% pyrite disseminations of, possibly present chromite infilling shear/fault.	
			101.0		333.90- 334.30: 100% SHEARED SERPENTINITE: darkest green, serpentinized, massive, textures obliterated by alteration, moderately broken, 40 degree angle to c.a., 1% magnetite disseminations of, .03% pyrite disseminations of, possibly present chromite infilling shear/fault.	
			101.0		345.60- 347.00: 100% SHEARED SERPENTINITE: darkest green, serpentinized, massive, textures obliterated by alteration, moderately broken, cleavage: 45 degree angle to c.a., 0.3% magnetite disseminations of, .03% pyrite disseminations of, possibly present chromite infilling shear/fault.	
R	351.00	356.00			NUMEROUS SLICKENSIDED SURFACES VISIBLE IN SHEARED SERPENTINITE,	
R	351.00	356.00			SURFACES VARYING 0 - 45 DEG TO C.A.	
	362.00	365.50	3.5		ULTRAMAFIC: slightly serpentinized, carbonated, moderately broken, 30% carbonate replacive, 5% magnetite disseminations = veins, possibly present chromite disseminations = veins.	
R	362.00	365.50			SERPENTINISATION AND CARBONATION INCREASE TOWARD BASE, WHICH IS	
R	362.00	365.50			GRADATIONAL.	
	365.50	369.60			CARBONATE: massive, stylolitic, textures obliterated by alteration, disseminations of, possibly present chromite disseminations of, 30% actinolite replacive, 5% pyrrhotite.	
R	365.50	369.60			CARBONATE/ACTINOLITE REPLACEMENT OF ULTRAMAFIC 3 - 4 %	
R	365.50	369.60			DISSEMINATED CHROMITE (NO MAGNETITE) NEAR BASE.	
	369.60	369.70			BRECCIA: actinolitic, silicified.	
R	369.60	369.70			SILICEOUS, ACTINOLITE CONTACT ZONE BETWEEN CARBONATE AND	

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151205

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ001 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
R	369.60	369.70			SILTSTONES.BASALT CONTACT WITH SILTSTONE IS SHARP AND	
R	369.60	369.70			IRREGULAR.	
R	369.60	369.70			EMBAYMENTS OF ACTINOLITISATION OCCUR IN SILTSTONE NEAR CONTACT	
R	369.60	369.70			AND "BRECCIA" APPEARANCE IN INTERVAL MAY BE DUE TO STOPED	
R	369.60	369.70			FRAGMENTS OF SILTSTONE REPLACED BY ACTINOLITE.	
R	369.60	369.70			ZONE IS AT APPROX 70 DEG TO C.A.	
EOT	369.70	379.50	9.8		HORNFELSIC SILTSTONE: medium gray, massive, bedding: 40 degree angle to c.a., 5% actinolite veins of, .03% pyrrhotite.	
R	369.70	379.50			ACTINOLITISATION IN VEINS/BRECCIA ZONES PARALLEL AND DISCORDANT	
R	369.70	379.50			TO BEDDING, DECREASING IN OCCURANCES DOWNWARD.	

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151206

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ001 (CONTINUED)

ASSAYS

From	To	Number	COPPER	LEAD	ZINC	TIN	GOLD	SILVER	ARSENIC	ANTIMONY
12.00	13.00	28001	65	20	105	17	-5.00	-5.00	24.00	6.20
13.00	14.00	28002	70	50	155	11	-5.00	-5.00	23.00	6.90
14.00	15.00	28003	75	30	90	4	12.00	-5.00	30.00	0.00
20.00	21.00	28004	70	30	80	4	-5.00	-5.00	16.00	7.30
25.90	26.90	28005	25	5	95	9	-5.00	-5.00	-2.00	5.00
30.20	31.00	28006	50	10	165	10	-5.00	-5.00	12.00	2.60
34.00	35.00	28007	70	30	100	4	-5.00	-5.00	21.00	6.00
38.00	39.00	28008	60	20	90	5	-5.00	-5.00	20.00	1.00
41.30	42.00	28009	265	35	160	12	-5.00	-5.00	30.00	0.00
46.00	47.00	28010	115	5	135	4	-5.00	-5.00	13.00	5.10
50.00	51.00	28011	40	-5	90	7	-5.00	-5.00	33.00	4.30
52.10	53.00	28012	55	30	180	27	-5.00	-5.00	25.00	2.10
53.00	54.00	28013	150	15	8050	31	-5.00	-5.00	16.00	3.40
54.00	55.00	28014	140	10	185	40	-5.00	-5.00	89.00	2.90
55.00	56.00	28015	185	415	2000	58	-5.00	-5.00	22.00	1.50
56.45	57.00	28016	3200	550	2650	1520	-16.00	-10.00	13300.00	0.10
57.00	58.00	28017	100	75	215	174	-5.00	-5.00	67.00	9.40
58.00	59.00	28018	90	30	320	17	-5.00	-5.00	42.00	4.90
64.00	65.00	28019	35	15	135	10	-5.00	-5.00	10.00	2.50
72.00	73.00	28021	20	-5	125	7	-5.00	-5.00	23.00	1.20
76.00	77.00	28022	20	5	95	8	-5.00	-5.00	27.00	5.40
80.00	81.00	28023	5	5	100	21	-5.00	-5.00	15.00	6.10
83.90	85.50	28024	15	5	105	3	-5.00	-5.00	12.00	3.10
85.50	87.00	28025	40	5	90	3	-5.00	-5.00	10.00	1.40
87.00	88.00	28026	85	5	95	-3	-5.00	-5.00	13.00	7.20
88.00	89.00	28027	55	5	105	-3	-5.00	-5.00	7.70	3.50
89.00	90.00	28028	60	-5	90	3	-5.00	-5.00	-2.00	4.40
90.00	91.00	28029	15	5	95	-3	-5.00	-5.00	3.10	3.00
91.00	92.00	28030	15	10	135	3	-5.00	-5.00	2.70	2.90
92.00	93.00	28032	100	5	120	-3	-5.00	-5.00	7.00	0.84
93.00	94.00	28033	70	5	370	5	-5.00	-5.00	8.70	4.00
94.00	95.00	28034	25	10	165	4	-5.00	-5.00	6.80	1.60
95.00	96.00	28035	20	15	90	-3	-5.00	-5.00	4.20	2.70
96.00	97.00	28036	25	5	165	-3	-5.00	-5.00	3.20	0.61
97.00	98.00	28037	20	5	160	4	-5.00	-5.00	4.60	1.10
98.00	99.00	28038	25	5	145	-3	-5.00	-5.00	5.20	2.30
99.00	100.00	28039	30	15	195	6	-5.00	-5.00	6.90	3.00
100.00	101.00	28041	15	5	230	-3	-5.00	-5.00	18.00	0.80
101.00	102.00	28042	25	5	155	-3	-5.00	-5.00	12.00	9.00
102.00	103.00	28043	45	5	120	-3	-5.00	-5.00	2.70	7.50
103.00	104.00	28044	15	5	140	-3	-5.00	-5.00	5.60	4.00
104.00	105.00	28045	10	-5	120	-3	-5.00	-5.00	-2.00	5.70

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15120

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ001 (CONTINUED)

ASSAYS

From	To	Number	COPPER	LEAD	ZINC	TIN	GOLD	SILVER	ARSENIC	ANTIMONY
105.00	106.00	28046	10	5	160	7	6.30	-5.00	5.20	4.80
106.00	107.00	28047	15	5	150	-3	-5.00	-5.00	-2.00	4.60
107.00	108.00	28048	15	5	145	-3	-5.00	-5.00	5.31	0.80
108.00	109.00	28049	120	5	200	-3	-5.00	-5.00	4.20	5.00
109.00	110.00	28050	25	-5	185	-3	-5.00	-5.00	2.40	3.90
110.00	111.00	28051	25	10	140	-3	-5.00	-5.00	2.40	2.50
111.00	112.00	28052	60	10	130	-3	-5.00	-5.00	13.00	3.80
112.00	113.30	28053	430	5	165	6	-5.00	-5.00	782.00	5.30
113.30	114.00	28054	55	20	105	6	-5.00	-5.00	11.00	4.00
114.00	115.00	28055	25	15	75	-3	-5.00	-5.00	24.00	3.00
115.00	116.20	28056	20	10	100	4	-5.00	-5.00	2.80	4.40
116.20	117.00	28057	10	30	115	-3	-5.00	-5.00	3.90	9.30
117.00	118.00	28058	5	5	135	-3	-5.00	-5.00	7.10	9.00
118.00	119.00	28059	5	10	110	-3	-5.00	-5.00	2.60	7.00
119.00	120.00	28061	5	5	80	-3	-5.00	-5.00	-2.00	6.00
120.00	121.00	28062	10	20	70	4	-5.00	-5.00	6.00	3.00
121.00	122.00	28063	10	10	80	3	-5.00	-5.00	6.90	8.60
122.00	123.00	28064	5	10	95	-3	-5.00	-5.00	12.00	4.80
123.00	124.00	28065	10	5	90	3	-5.00	-5.00	31.00	0.00
124.00	125.00	28066	5	10	90	-3	-5.00	-5.00	14.01	4.10
125.00	126.00	28067	5	15	100	-3	-5.00	-5.00	16.00	5.40
126.00	127.00	28068	5	15	115	5	-5.00	-5.00	28.00	1.70
127.00	128.00	28069	20	5	85	-3	-5.00	-5.00	5.80	8.00
128.00	129.00	28070	15	5	110	5	-5.00	-5.00	6.60	3.00
129.00	130.00	28071	10	5	100	-3	-5.00	-5.00	18.00	7.00
130.00	131.00	28072	10	10	130	-3	-5.00	-5.00	35.00	8.10
131.00	132.00	28073	5	5	130	-3	-5.00	-5.00	16.01	7.70
132.00	133.00	28074	20	-5	150	9	-5.00	-5.00	68.01	3.50
136.00	137.00	28075	20	-5	65	-3	-5.00	-5.00	18.00	8.90
140.00	141.00	28076	15	-5	105	11	-5.00	-5.00	25.00	7.80
144.00	145.00	28077	20	-5	105	-3	-5.00	-5.00	-2.00	8.00
148.00	149.00	28078	25	5	150	5	-5.00	-5.00	29.00	5.00
152.00	153.00	28079	50	-5	90	4	-5.00	-5.00	7.60	8.80
156.00	157.00	28081	20	5	80	4	-5.00	-5.00	3.70	2.40
160.00	161.00	28082	20	5	110	-3	-5.00	-5.00	16.00	3.00
164.00	165.00	28083	20	-5	155	-3	-5.00	-5.00	19.00	8.30
168.00	169.00	28084	85	-5	55	-3	-5.00	-5.00	6.60	4.00
172.00	173.00	28085	25	-5	65	-3	-5.00	-5.00	-2.00	1.00
176.00	177.00	28086	30	5	105	-3	-5.00	-5.00	6.60	8.50
180.00	181.00	28087	20	5	125	5	-5.00	-5.00	2.90	4.10
184.00	185.00	28088	15	-5	160	4	-5.00	-5.00	2.90	5.00
188.00	189.00	28089	60	-5	75	-3	-5.00	-5.00	10.00	0.72

0201

15120

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ001 (CONTINUED)

ASSAYS

From	To	Number	COPPER	LEAD	ZINC	TIN	GOLD	SILVER	ARSENIC	ANTIMONY
191.50	192.50	28090	10	-5	105	5	-5.00	-5.00	2.60	1.50
196.00	197.00	28091	5	-5	75	6	-5.00	-5.00	3.70	4.60
200.00	201.00	28092	10	-5	65	-3	-5.00	-5.00	3.40	6.10
202.10	202.70	28093	10	-5	140	-3	-5.00	-5.00	-2.00	3.90
204.00	205.00	28094	5	-5	70	-3	-5.00	-5.00	6.00	2.00
208.50	209.50	28095	10	-5	105	-3	-5.00	-5.00	5.00	6.70
209.50	210.50	28096	5	-5	95	-3	-5.00	-5.00	5.00	9.10
210.50	211.50	28097	-5	-5	85	-3	-5.00	-5.00	6.40	7.90
211.50	212.50	28098	-5	-5	185	6	-5.00	-5.00	7.60	5.10
216.00	217.00	28099	5	-5	75	-3	-5.00	-5.00	7.70	7.30
220.00	221.00	28101	5	-5	85	4	-5.00	-5.00	27.00	3.10
224.00	225.00	28102	30	15	135	72	-5.00	-5.00	439.00	6.00
225.00	225.70	28103	760	2600	8200	743	-5.00	-5.00	562.01	2.00
228.00	229.00	28104	10	15	115	61	-5.00	-5.00	74.00	1.00
232.00	233.00	28105	5	10	85	5	-5.00	-5.00	5.70	7.10
237.00	238.00	28106	5	-5	75	-3	-5.00	-5.00	-2.00	5.60
240.00	241.00	28107	5	5	65	3	-5.00	-5.00	3.70	8.00
244.00	245.00	28108	5	20	75	-3	-5.00	-5.00	-2.00	6.60
248.00	249.00	28109	-5	-5	65	3	-5.00	-5.00	-2.00	4.70
252.00	253.00	28110	-5	25	65	-3	-5.00	-5.00	-2.00	1.30
258.00	259.00	28111	5	-5	380	-3	-5.00	-5.00	-2.00	0.94
266.00	267.00	28112	-5	25	60	-3	-5.00	-5.00	-2.00	0.57
276.30	277.80	28113	5	20	110	-3	-5.00	-5.00	-2.00	0.20
282.00	283.00	28114	-5	5	75	-3	-5.00	-5.00	-2.00	0.32
290.00	291.00	28115	-5	5	85	-3	-5.00	-5.00	-2.00	0.20
298.00	299.00	28116	5	5	65	-3	-5.00	-5.00	-2.00	0.28
306.00	307.00	28117	5	5	55	-3	-5.00	-5.00	4.20	1.10
314.00	315.00	28118	-5	5	95	20	-5.00	-5.00	13.00	2.50
322.00	323.00	28119	-5	10	80	12	-5.00	-5.00	13.00	3.10
331.90	332.40	28121	5	10	100	15	-5.00	-5.00	11.00	3.20
333.80	334.30	28122	-5	10	60	14	-5.00	-5.00	30.00	4.70
345.60	347.00	28123	25	5	45	-3	-5.00	-5.00	2.00	1.60
354.00	355.00	28124	-5	-5	35	5	-5.00	-5.00	-2.00	1.20
362.00	363.00	28125	20	5	90	7	-5.00	-5.00	16.00	6.90
365.50	366.50	28126	15	-5	80	-3	-5.00	-5.00	9.10	7.50
366.50	367.50	28127	50	5	155	11	-5.00	-5.00	4.00	6.40
367.50	368.50	28128	160	-5	120	19	-5.00	-5.00	32.00	2.60
368.50	369.70	28129	115	-5	110	43	-5.00	-5.00	120.00	3.60
369.70	371.00	28130	80	-5	65	9	-5.00	-5.00	12.00	2.40

0200

151209

R.G.C. Exploration Pty Ltd
BONDAS
SURFACE DIAMOND DRILLHOLE : MZ001 (CONTINUED)

002 ASSAYS

From	To	Number	TUNGSTEN	CHROMIUM
12.00	13.00	28001	-2.00	210
13.00	14.00	28002	-2.00	210
14.00	15.00	28003	-2.00	220
20.00	21.00	28004	-2.00	220
25.90	26.90	28005	-2.00	170
30.20	31.00	28006	-2.00	210
34.00	35.00	28007	-2.00	220
38.00	39.00	28008	-2.00	240
41.30	42.00	28009	-2.00	340
46.00	47.00	28010	-2.00	300
50.00	51.00	28011	-2.00	310
52.10	53.00	28012	-2.00	260
53.00	54.00	28013	-2.00	240
54.00	55.00	28014	3.40	230
55.00	56.00	28015	3.50	310
56.45	57.00	28016	-9.20	100
57.00	58.00	28017	21.00	230
58.00	59.00	28018	5.30	230
64.00	65.00	28019	-2.00	240
72.00	73.00	28021	-2.00	591
76.00	77.00	28022	-2.00	2400
80.00	81.00	28023	-2.00	2300
83.90	85.50	28024	-2.00	6820
85.50	87.00	28025	-2.00	2610
87.00	88.00	28026	-2.00	3530
88.00	89.00	28027	-2.00	3280
89.00	90.00	28028	-2.00	1970
90.00	91.00	28029	-2.00	2530
91.00	92.00	28030	-2.00	4540
92.00	93.00	28032	-2.00	4350
93.00	94.00	28033	-2.00	9090
94.00	95.00	28034	-2.00	6370
95.00	96.00	28035	-2.00	6070
96.00	97.00	28036	-2.00	6300
97.00	98.00	28037	-2.00	6810
98.00	99.00	28038	-2.00	4330
99.00	100.00	28039	-2.00	6460
100.00	101.00	28041	-2.00	9250
101.00	102.00	28042	-2.00	7000
102.00	103.00	28043	-2.00	4640
103.00	104.00	28044	-2.00	5110
104.00	105.00	28045	-2.00	5040

0209

15210

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ001 (CONTINUED)

002 ASSAYS

From	To	Number	TUNGSTEN	CHROMIUM
105.00	106.00	28046	-2.00	8420
106.00	107.00	28047	-2.00	6190
107.00	108.00	28048	-2.00	6460
108.00	109.00	28049	-2.00	9650
109.00	110.00	28050	-2.00	6510
110.00	111.00	28051	-2.00	5010
111.00	112.00	28052	3.00	4310
112.00	113.30	28053	-2.00	5820
113.30	114.00	28054	-2.00	4430
114.00	115.00	28055	-2.00	3260
115.00	116.20	28056	-2.00	3940
116.20	117.00	28057	-2.00	4890
117.00	118.00	28058	-2.00	6220
118.00	119.00	28059	-2.00	4600
119.00	120.00	28061	-2.00	2740
120.00	121.00	28062	-2.00	1520
121.00	122.00	28063	-2.00	2000
122.00	123.00	28064	-2.00	4510
123.00	124.00	28065	-2.00	3950
124.00	125.00	28066	-2.00	2720
125.00	126.00	28067	-2.00	4270
126.00	127.00	28068	-2.00	7070
127.00	128.00	28069	-2.00	3600
128.00	129.00	28070	-2.00	5670
129.00	130.00	28071	-2.00	4260
130.00	131.00	28072	-2.00	6490
131.00	132.00	28073	-2.00	4100
132.00	133.00	28074	4.10	6140
136.00	137.00	28075	-2.00	5030
140.00	141.00	28076	-2.00	3470
144.00	145.00	28077	-2.00	6130
148.00	149.00	28078	-2.00	7240
152.00	153.00	28079	-2.00	5280
156.00	157.00	28081	-2.00	5080
160.00	161.00	28082	-2.00	7110
164.00	165.00	28083	-2.00	5870
168.00	169.00	28084	-2.00	2990
172.00	173.00	28085	-2.00	3890
176.00	177.00	28086	-2.00	5460
180.00	181.00	28087	-2.00	6950
184.00	185.00	28088	-2.00	4180
188.00	189.00	28089	-2.00	4740

0210

11362

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ001 (CONTINUED)

002 ASSAYS

From	To	Number	TUNGSTEN	CHROMIUM
191.50	192.50	28090	-2.00	14900
196.00	197.00	28091	-2.00	7830
200.00	201.00	28092	-2.00	7280
202.10	202.70	28093	-2.00	21400
204.00	205.00	28094	-2.00	7920
208.50	209.50	28095	-2.00	8950
209.50	210.50	28096	-2.00	9130
210.50	211.50	28097	-2.00	6460
211.50	212.50	28098	-2.00	31500
216.00	217.00	28099	-2.00	6590
220.00	221.00	28101	-2.00	7800
224.00	225.00	28102	-2.00	6580
225.00	225.70	28103	-2.00	2590
228.00	229.00	28104	-2.00	7500
232.00	233.00	28105	-2.00	6400
237.00	238.00	28106	-2.00	12100
240.00	241.00	28107	-2.00	6750
244.00	245.00	28108	-2.00	4780
248.00	249.00	28109	-2.00	9050
252.00	253.00	28110	-2.00	5970
258.00	259.00	28111	-2.00	29700
266.00	267.00	28112	-2.00	6460
276.30	277.80	28113	-2.00	1020
282.00	283.00	28114	-2.00	8060
290.00	291.00	28115	-2.00	8790
298.00	299.00	28116	-2.00	7250
306.00	307.00	28117	2.10	7110
314.00	315.00	28118	-2.00	8590
322.00	323.00	28119	-2.00	8820
331.90	332.40	28121	-2.00	8230
333.80	334.30	28122	-2.00	5770
345.60	347.00	28123	-2.00	5220
354.00	355.00	28124	-2.00	210
362.00	363.00	28125	5.20	4010
365.50	366.50	28126	-2.00	6120
366.50	367.50	28127	-2.00	7620
367.50	368.50	28128	-2.00	6340
368.50	369.70	28129	3.50	7130
369.70	371.00	28130	-2.00	220

021

13 FEB 92

R.G.C. Exploration Pty Ltd
DUNDAS

SURFACE DIAMOND DRILLHOLE : MZ002

PROJECT IDEN : DUNDAS
START DATE : 12 MAR 90
COMPLETION DATE : 20 MAR 90
LOGGED BY:DAVID JOHN CROSSING
COLLAR NORTHING: 66679.00
COLLAR EASTING : 72487.00
COLLAR ELEVATION: 350.00
GRID AZIMUTH : 0.00
DRILLED BY :D.D.T
TOTAL LENGTH : 169.50
CORE/HOLE SIZE : HQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		85.00	-50.00	66679.00	72487.00	350.00
001	31.00		85.00	-50.00			
002	61.00		87.00	-49.00			
003	91.00		86.50	-48.00			
004	121.00		91.00	-47.50			
005	151.00		90.00	-46.50			
006	167.00		90.50	-47.00			

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
	0.00	1.00			PRECOLLAR.	
	1.00	22.50	21.3		SILTSTONE: dark gray, moderately weathered, finely bedded, medium bedded, jointed, hard, exceptionally broken, bedding: 15 degree angle to c.a., join: 45 degree angle to c.a., 1% fe-oxides joint linings.	DUNDAS GROUP
R	1.00	22.50			CORE IS BROKEN DUE TO NUMEROUS THIN FERRUGINOUS JOINTS AT 45	
R	1.00	22.50			DEG TO C.A. AND FRACTURES AT 30 DEG TO C.A. THERE ARE 10 PER	
R	1.00	22.50			METRE.	
	22.50	71.80			SILTSTONE: medium dark grey, unweathered, finely bedded, medium bedded, jointed, bedding: 15 degree angle to c.a., join: 45 degree angle to c.a., diffuse base, 0.3% carbonate joint linings, 0.3% pyrite joint linings, 0.3% pyrrhotite.	
R	22.50	71.80			GRADING INTO MASSIVE FAINTLY BEDDED SILTSTONE.	
R	49.50	52.30			HAS BEEN DEFORMED TO FORM MOULIN-TYPE STRUCTURE AS A RESULT OF	
R	49.50	52.30			COMPETENCY CONTRAST AND IS PARTLY REPLACED BY PYRRHOTITE. B.C.A	
R	49.50	52.30			VARIES FROM 0 TO 45 DEGREES, BUT IS GENERALLY < 30 DEG. 49.50- 52.30: 10% CALCAREOUS INTER BEDDED SILTSTONE: medium light grey, medium bedded, bedding: 30 degree angle to c.a., 1% pyrite disseminations = veins, 20% pyrrhotite.	
R	65.50	66.60			SIMILAR TO 49.5 - 52.4 M. 65.50- 66.60: 20% CALCAREOUS INTER BEDDED SILTSTONE: medium brown, very slightly weathered, medium bedded, bedding: 55 degree angle to c.a., 10% pyrite replacive, 1% chrysotile ?, 30% pyrrhotite.	

0212

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ002 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
	71.80	76.10	4.3		SILTSTONE: medium dark grey, massive, indistinctly bedded, microfaults, jointed, hard, moderately broken, bedding: 30 degree angle to c.a., microfault: 45 degree angle to c.a., diffuse base, 1% carbonate veins of, 0.1% pyrite veins of, 3 % pyrrhotite.	
R	71.80	76.10			FRACTURES/MICROFAULTS FORM A SET GENERALLY AT 45 DEG TO C.A.,	
R	71.80	76.10			AND AT RIGHT ANGLES TO BEDDING. MINOR DISPLACEMENT.NUMEROUS	
R	71.80	76.10			RELATED VEINLETS AND JOINTS.	
	76.10	96.50	20.4		SILTSTONE: medium gray, massive, indistinctly bedded, bedding: 40 degree angle to c.a., fracture set: 45 degree angle to c.a., sharp planar base, 1% carbonate veins of, 0.1% pyrrhotite.	
R	76.10	96.50			THE LITHIC-ARENITE IS DOLOMITIC AND DUE TO COMPETENCY CONTRAST	
R	76.10	96.50			WITH SILTSTONE IT IS FREQUENTLY CONTORED TO A MOULIN-LIKE FORM	
R	76.10	96.50			GRADING TO PTYGMATIC.SOMETIMES LADDERED WITH TENSIONAL	
R	76.10	96.50			CARBONATE VEINLETS CONTAINS SILTSTONE INTRACLASTS (RARE). 76.10- 96.50: 20% CALCAREOUS INCREASING DOWNHOLE LITHIC ARENITE: light gray, finely bedded, medium bedded, coarse sand, poorly sorted, moderately rounded, moderate sphericity, 3 % carbonate veins of, 0.1% pyrrhotite.	
	96.50	99.90	3.4		CALCAREOUS LITHIC ARENITE: medium dark grey, soft sediment slumping, coarse bedded, hard, highly broken, coarse sand, fairly poorly sorted, moderately rounded, 1% carbonate veins of.	
R	96.50	99.90			MINOR FRAGMENTED SILTSTONE INTERBEDS AND INTERCLASTS.	
	99.90	106.00	6.1		CALCAREOUS CONGLOMERATE: medium gray, massive, sheared, brecciated, hard, highly broken, shear: 35 degree angle to c.a..	
R	99.90	106.00			CONGLOMERATE IS SHEARED WITH FRACTURE SURFACES VARYING FROM 30	
R	99.90	106.00			TO 45 DEG TO C.A. POLYMICT, WITH PEBBLES OF LITHIC ARENITE,	
R	99.90	106.00			LITHIC TUFF,CHERT,SILTSTONE,SHALE. OFTEN BROKEN.	
	106.00	106.50	0.5		FAULT: hard, highly broken, fault: 45 degree angle to c.a., 50% quartz infilling shear/fault, 0.3% pyrrhotite.	
	106.50	107.80	1.3		CALCAREOUS CONGLOMERATE: medium gray, massive, sheared, hard, moderately broken, small pebble, angular, moderately low sphericity, OPEN STRUCTURE, shear: 45 degree angle to c.a., sharp planar base.	
	107.80	128.30	20.5		SILTSTONE: medium dark grey, finely bedded, medium bedded,	

0120
15294

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ002 (CONTINUED)

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
					microfaults, hard, moderately broken, bedding: 35 degree angle to c.a., microfault: 40 degree angle to c.a., faulted base. 107.80- 128.30: 10% CALCAREOUS INTER BEDDED SANDSTONE: medium light grey, finely bedded, coarse sand, intermediately sorted.	
	128.30	128.31			FAULT: fault: 10 degree angle to c.a..	
	128.31	169.50	41.7		CALCAREOUS CONGLOMERATE: medium light grey, massive, coarse sand, large pebble, 40% coarse, intermediately sorted, sub-rounded, high sphericity, 1% carbonate veins of.	
R	128.31	169.50			VARIES FROM MATRIX TO GRAIN SUPPORTED . POLYMICT WITH PEBBLES	
R	128.31	169.50			OF LITHIC TUFF,LITHIC ARENITE, WITE CHERT, BUFF SILTSTONE, GREY	
R	128.31	169.50			SILTSTONE/SHALE, DOLOMITIC SILTSTONE.	
					145.30- 153.20: 80% CALCAREOUS INTER BEDDED LITHIC ARENITE: medium gray, massive, coarse bedded.	

5120
151361

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ002 (CONTINUED)

ASSAYS

From	To	Number	COPPER	LEAD	ZINC	TIN	GOLD	SILVER	ARSENIC	ANTIMONY
16.00	17.00	28131	70	-5	345	10	-5.00	-5.00	17.00	8.00
24.00	25.00	28132	65	15	810	7	-5.00	-5.00	27.00	8.20
32.00	33.00	28133	60	20	440	6	-5.00	-5.00	17.00	5.60
40.00	41.00	28134	70	5	95	8	-5.00	-5.00	10.00	5.70
49.50	50.50	28135	200	5	110	14	-5.00	-5.00	16.00	3.90
50.50	51.50	28136	80	30	405	6	-5.00	-5.00	16.00	2.90
51.50	52.30	28137	440	-5	175	6	-5.00	-5.00	20.00	2.30
60.00	61.00	28138	75	40	100	14	-5.00	-5.00	3.90	2.30
65.50	66.50	28139	420	105	175	728	-5.00	-5.00	-2.00	3.10
71.80	73.00	28141	355	15	455	553	-5.00	-5.00	-2.00	5.50
73.00	74.00	28142	205	45	160	644	-5.00	-5.00	4.10	3.00
74.00	75.00	28143	265	110	420	252	-5.00	-5.00	4.50	3.70
75.00	76.10	28144	375	-5	305	1170	-5.00	-5.00	2.20	4.50
80.00	81.00	28145	90	-5	70	22	-5.00	-5.00	12.00	4.40
99.90	101.00	28146	25	-5	90	7	-5.00	-5.00	8.20	1.30
104.00	105.00	28147	20	-5	80	9	-5.00	-5.00	3.00	1.60
106.00	106.50	28148	45	-5	80	5	-5.00	-5.00	-2.00	1.20
120.00	121.00	28149	40	30	165	10	-5.00	-5.00	3.90	1.90
136.00	137.00	28150	425	40	150	3	-5.00	-5.00	2.70	2.10

0210

15422

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ002 (CONTINUED)

002 ASSAYS

From	To	Number	TUNGSTEN	CHROMIUM
16.00	17.00	28131	-2.00	220
24.00	25.00	28132	-2.00	200
32.00	33.00	28133	-2.00	200
40.00	41.00	28134	-2.00	190
49.50	50.50	28135	-2.00	170
50.50	51.50	28136	-2.00	150
51.50	52.30	28137	-2.00	150
60.00	61.00	28138	-2.00	200
65.50	66.50	28139	5.90	220
71.80	73.00	28141	7.30	140
73.00	74.00	28142	5.00	160
74.00	75.00	28143	6.40	170
75.00	76.10	28144	8.90	180
80.00	81.00	28145	-2.00	210
99.90	101.00	28146	-2.00	200
104.00	105.00	28147	-2.00	280
106.00	106.50	28148	-2.00	430
120.00	121.00	28149	-2.00	200
136.00	137.00	28150	-2.00	290

0210

13422

R.G.C. Exploration Pty Ltd
DUNDAS

SURFACE DIAMOND DRILLHOLE : MZ003

PROJECT IDEN : DUNDAS	START DATE : 22 MAR 90	COMPLETION DATE : 4 APR 90	LOGGED BY:DAVID JOHN CROSSING
COLLAR NORTHING: 66620.00	COLLAR EASTING : 72582.00	COLLAR ELEVATION: 350.00	GRID AZIMUTH : 0.00
DRILLED BY :D.D.T	TOTAL LENGTH : 280.50	CORE/HOLE SIZE : HQNQ	

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		227.00	-50.00	66620.00	72582.00	350.00
001	34.00		277.00	-50.00			
002	64.00		275.00	-49.00			
003	94.00		274.00	-47.00			
004	124.00		273.00	-46.50			
005	154.00		272.00	-47.00			
006	184.00		270.00	-47.00			
007	214.00		272.30	-48.00			
008	244.00		270.00	-48.00			
009	274.00		264.50	-47.50			

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
	0.00	7.00			PRECOLLAR.	
	7.00	13.90	6.5		SILTSTONE: grey tan, moderately weathered, finely bedded, strongly jointed, exceptionally broken, bedding: 50 degree angle to c.a., gradational base. 7.00- 13.90: 30% INTER BEDDED SANDSTONE: medium light tan, finely bedded, jointed, 1% fe-oxides joint linings.	DUNDAS GROUP
	13.90	15.80	1.1		CONGLOMERATE: highly weathered, medium bedded, jointed, soft, exceptionally broken, 1% fe-oxides joint linings.	DUNDAS GROUP
	15.80	21.00	5.2		CALCAREOUS SILTSTONE: light gray, slightly weathered, medium bedded, firm, moderately broken, bedding: 65 degree angle to c.a., joint set: 45 degree angle to c.a..	DUNDAS GROUP
	21.00	37.50	1.6		CALCAREOUS CONGLOMERATE: medium gray, massive, fractured, hard, moderately broken, coarse sand, small pebble, 40% coarse, large pebble, intermediately sorted, rounded, moderately low sphericity, microfault: 50 degree angle to c.a., sharp irregular base, 0.1% fuchsite interstitial.	DUNDAS GROUP
R	21.00	37.50			POLYMICT,MOSTLY STRONGLY DOLOMITIC MATRIX,VARIABLE PEBBLE TO	
R	21.00	37.50			MATRIX SUPPORTED,WITH PEBBLES OF BUFF TUFF,GREY TUFFACEOUS	
R	21.00	37.50			SILTSTONE,RED & WHITE CHERT,CARBONATE,QUARTZ,BLACK SHALE	
R	21.00	37.50			ETC.MINOR FUCHSITIC PATCHES IN MATRIX.MANY CHERT PEBBLES	

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ003 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Formation
R	21.00	37.50			RESEMBLE THE SILICEOUS ROCK FROM 122.35 - 125.6M, BUT WITHOUT	
R	21.00	37.50			CHROME.	
			1.6		21.00- 21.10: 100% FAULTED CONGLOMERATE: medium gray, moderately silicified, vuggy, fractured, hard, moderately broken, coarse sand, small pebble, 40% coarse, large pebble, intermediately sorted, rounded, moderately low sphericity, fault: 45 degree angle to c.a., sharp irregular base, :03% carbonate veins of, 0.1% fuchsite interstitial, 3 % fe-oxides infilling shear/fault, .03% pyrrhotite. 27.85- 28.00: 100% VEIN: vein: 45 degree angle to c.a., 60% quartz veins of, 10% carbonate interstitial, 5% talc interstitial, 3 % pyrrhotite.	DUNDAS GROUP
			1.6		35.10- 36.20: 100% CALCAREOUS CONGLOMERATE: medium gray, microfaults, fractured, hard, moderately broken, coarse sand, small pebble, 40% coarse, large pebble, intermediately sorted, rounded, moderately low sphericity, microfault: 45 degree angle to c.a., sharp irregular base, 0.1% fuchsite interstitial, 3 % pyrrhotite.	DUNDAS GROUP
	37.50	40.20	2.7		SILTSTONE: medium gray, medium bedded, hard, slightly broken, bedding: 35 degree angle to c.a., sharp irregular base, 0.3% carbonate veins of, 0.1% pyrite veins of, 0.1% pyrrhotite.	DUNDAS GROUP
	40.20	41.20	1.0		CALCAREOUS SANDSTONE: medium gray, medium bedded, hard, moderately broken, coarse sand, bedding: 30 degree angle to c.a., faulted base, .03% carbonate veins of, .03% pyrite veins of, .03% sphalerite veins of.	DUNDAS GROUP
R	40.20	41.20			CONGLOMERATE IS MATRIX SUPPORTED (STRONGLY CARBONATED) AND	
R	40.20	41.20			GRADES INTO IMPURE PEBBLEY DOLOMITIC SANDSTONE, MINOR	
R	40.20	41.20			SILTSTONE.	
					40.20- 41.20: 30% CALCAREOUS INTERGRADATIONAL CONGLOMERATE: large pebble, vein: 25 degree angle to c.a..	
	41.20	42.05	0.8		CONGLOMERATE: medium dark grey, fractured, microfaults, hard, moderately broken, large pebble, fracture set: 20 degree angle to c.a., sharp planar base, 3 % pyrrhotite 3 % sphalerite in fractures.	DUNDAS GROUP
	42.05	45.50	3.5		SILTSTONE: finely bedded, medium bedded, microfaults, bedding: 35 degree angle to c.a., sharp irregular base, .03% carbonate veins of.	DUNDAS GROUP
R	42.05	45.50			WITH MINOR DOLOMITIC INTERBEDS.	
R	42.15	42.25			VEIN IS SUB-PARALLEL TO BEDDING.	
					42.15- 42.25: 100% VEIN: vein: 30 degree angle to c.a., 30%	

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15469

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ003 (CONTINUED)

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
					quartz veins of, 60% pyrite veins of, 1% chalcopyrite veins of, 1% chrysotile veins of, veins of, 3 % arsenopyrite veins of.	
	45.50	73.60			CALCAREOUS CONGLOMERATE: medium gray, massive, hard, moderately broken, coarse sand, small pebble, 40% coarse, intermediately sorted, rounded, moderately low sphericity, sharp planar base, 0.3% pyrite disseminations of, .03% fuchsite interstitial.	DUNDAS GROUP
R	45.50	73.60			MOSTLY PEBBLE SUPPORTED, BUT LOCALLY MATRIX SUPPORTED,GRADING	
R	45.50	73.60			TO A PEBBLEY SANDSTONE.POLYMICT WITH PEBBLES OF TUFF ,	
R	45.50	73.60			TUFFACEOUS SILTSTONE, IMPURE LITHIC ARENITE (INTRACLASTS OF	
R	45.50	73.60			CONGLOMERATE MATRIX ?) CHERT,"SPOTTED" CHERT, SILTSTONE,	
R	45.50	73.60			CARBONATE, FUCHSITIC ROCK (UM?) ETC.	
	73.60	97.00	23.4		SILTSTONE: medium gray, massive, microfaults, hard, moderately broken, bedding: 55 degree angle to c.a., .03% carbonate veins of. 73.60- 97.00: 20% CALCAREOUS INCREASING DOWNHOLE SILTSTONE: medium light grey, medium bedded. 73.60- 97.00: 10% INTER BEDDED SILTSTONE: light brown, finely bedded, medium bedded.	DUNDAS GROUP
	97.00	101.30	4.3		SHEARED CARBONATE BRECCIA: medium light grey, highly carbonates, massive, sheared, brecciated, hard, highly broken, shear: 35 degree angle to c.a., sheared base, 50% carbonate replacive, 1% chromite disseminations of, 3 % carbonates veins of, 0.3% pyrrhotite.	
R	97.00	101.30			AN INTENSELY CARBONATED SHEARED CONTACT.	
	101.30	110.40	9.1		SILTSTONE: light brown, massive, hard, moderately broken, gradational base, 0.3% quartz veins of, 1% carbonate veins of, 0.3% talc veins of, 0.1% pyrite veins of, 0.3% chromite disseminations of.	
R	101.30	110.40			THE CARBONATE IS MOSTLY REPLACIVE,BUT ALSO INTERBEDDED, AND AS	
R	101.30	110.40			VEINING.DARK ALTERATION HALOES AROUND VEINS. 101.30- 110.40: 30% INTERMIXED CARBONATE: medium gray	
	110.40	122.35	12.0		CARBONATE: medium gray, massive, hard, moderately broken, sharp irregular base, 1% quartz veins of, 3 % carbonate veins of, 0.3% pyrite veins of, 0.3% fuchsite alteration haloes of, disseminations of.	
R	110.40	122.35			BLEACHED TOWARD BASE.WEAKLY STYLOLITIC. SIMILAR TO FRAZER CREEK	

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151290

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ003 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Formation
R	110.40	122.35			CROSSING CARBONATE.SIMILAR TO MZ001 73.9 - 83.9 M.	
	122.35	125.60	3.2		QUARTZ-CARBONATE BRECCIA: palest grey, exceptionally silicified, massive, extremely hard, moderately broken, 60% quartz replacive, 30% carbonate breccia fillings of, 0.1% pyrite disseminations of, 3 % chromite disseminations of.	
R	122.35	125.60			THE ROCK CONSISTS OF A WHITE SILICEOUS/CHERTY ROCK WITH	
R	122.35	125.60			DISSEMINATED CHROMITE , WHICH HAS BEEN PARTIALLY BRECCIATED AND	
R	122.35	125.60			INFUSED WITH COARSELY CRYSTALLINE CARBONATE. VERY SIMILAR TO	
R	122.35	125.60			MZ001 113.3 - 114.0 M.	
	125.60	180.90	55.3		CARBONATE QUARTZ BRECCIA: greenish gray, massive, textures obliterated by alteration, hard, moderately broken, diffuse base, 10% quartz replacive, 30% carbonate replacive, 1% talc pervasive, 0.3% chromite disseminations of, 30% carbonates breccia fillings of, 1% fuchsite pervasive, 1% chlorite pervasive.	
R	125.60	180.90			BRECCIA CHARACTERISED BY GREY -GREEN HIGHLY ALTERED ANGULAR ?	
R	125.60	180.90			CLASTS IN A CARBONATE MATRIX.CLASTS ARE VARIABLY CARBONATED	
R	125.60	180.90			AND/OR SILICIFIED.PRESENCE OF MINOR CHROMITE SUGGESTS AN	
R	125.60	180.90			ULTRA-MAFIC PRECURSOR. TECTONIC STYLOLITES SOMETIMES PRESENT.	
R	125.60	180.90			THE CARBONATE MATRIX IS GENERALLY COARSELY CRYSTALLINE.	
			55.3		170.00- 180.10: 100% CARBONATE QUARTZ BRECCIA: greenish gray, massive, textures obliterated by alteration, hard, moderately broken, diffuse base, 10% quartz replacive, 30% carbonate replacive, 1% talc pervasive, 0.3% chromite disseminations of, 30% carbonates breccia fillings of, 1% fuchsite pervasive, 1% chlorite pervasive, 1% pyrrhotite.	
			55.3		180.10- 180.90: 100% CARBONATE QUARTZ BRECCIA: greenish gray, massive, textures obliterated by alteration, hard, moderately broken, diffuse base, 10% quartz replacive, 30% carbonate replacive, 10% talc replacive, 3 % chromite disseminations of, 30% carbonates breccia fillings of, 1% fuchsite pervasive, 1% chlorite pervasive, 1% pyrrhotite.	
	180.90	182.05	1.2		SULPHIDES: medium brown, massive, textures obliterated by alteration, firm, moderately broken, diffuse base, 1% quartz interstitial, 1% carbonate interstitial, 40% talc replacive, 0.3% pyrite disseminations of, 0.3% chalcopyrite disseminations of, 40% pyrrhotite.	
R	180.90	182.05			TALCOSE MASSIVE TO SEMI-MASSIVE SULPHIDE FORMED BY REPLACEMENT	
R	180.90	182.05			OF BRECCIATED CARBONATE.	
	182.05	209.90	27.8		CARBONATE: greenish gray, massive, gradational base, 1% quartz	

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136291

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ003 (CONTINUED)

	Interval From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
					patches, 60% carbonate replacive, 5% talc pervasive, 3 % chromite disseminations of, 5% chlorite pervasive, trace pyrrhotite.	
R	182.05	209.90			PARTLY BRECCIATED OCCASIONAL TECTONIC STYLOLITES. CHROMITE AS	
R	182.05	209.90			BANDS AND DISSEMINATIONS.	
R	182.05	209.90			POSSIBLY A MAFIC VOLCANIC, OCCURING AS (RELATIVEY) UNALTERED	
R	182.05	209.90			REMNANTS.	
					182.05- 209.90: 10% MAFIC: very dark gray, massive, 5% carbonate veins of.	
R	206.50	207.50			CHROMITE DISSEMINATIONS FORM A DIFFUSE BAND AT A SHALLOW ANGLE	
R	206.50	207.50			TO THE C.A.	
					206.50- 207.50: 100% MAFIC: banding: 10 degree angle to c.a., 5% chromite disseminations of.	
	209.90	226.70	16.8		TALC CARBONATE: gray green, massive, textures obliterated by alteration, sheared, firm, moderately broken, banding: 30 degree angle to c.a., shear: 35 degree angle to c.a., diffuse base, 40% carbonate replacive, 20% talc replacive, 3 % chromite disseminations of, 5% chlorite pervasive.	
R	209.90	226.70			CHROMITE OCCURS BOTH AS DISSEMINATIONS AND DIFFUSE BANDS.	
R	209.90	226.70			OCCURS AS UNCARBONATED REMANTS.	
R	209.90	226.70			CONTAINS STYLOLITES.	
					209.90- 226.70: 10% ULTRAMAFIC: dark green, serpentinized, massive.	
					214.10- 216.50: 80% DOLOMITE: medium gray, 10% carbonate veins of, 1% chromite disseminations of, 3 % chlorite pervasive.	
	226.70	231.60	4.9		ULTRAMAFIC: medium gray, bleached, spotted, hard, slightly broken, gradational base, 1% chromite disseminations of.	CAMBRIAN ULTRAMAFIC COM
R	226.70	231.60			OLIVE GREEN BECOMING DARKER TOWARD BASE. OFF-WHITE HALOES	
R	226.70	231.60			AROUND CHROMITE GRAINS,GIVES ROCK A SPOTTED APPEARANCE.	
R	226.70	231.60			SERPENTINIZATION APPEARS TO FAVOUR MORE INTENSELY SHEARED	
R	226.70	231.60			AREAS, OR VICE - VERSA.	
					226.70- 231.60: 20% INTERMIXED SERPENTINITE: very dark green, massive, sheared, brecciated, shear: 30 degree angle to c.a., 5% muscovite veins of, 3 % chlorite veins of.	
	231.60	261.70	30.1		ULTRAMAFIC: greenish gray, massive, hard, moderately broken, banding: 55 degree angle to c.a., 3 % carbonate veins of, 1% talc veins of, 1% magnetite disseminations of, 3 % chromite disseminations of.	CAMBRIAN ULTRAMAFIC COM
					231.60- 261.70: 20% INTERMIXED SERPENTINITE: very dark green, massive, sheared, brecciated, shear: 30 degree angle to c.a., 5% muscovite veins of, 3 % chlorite veins of.	

0221
FEB 1992

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ003 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
R	232.00	233.00			CHROMITE OCCURS AS BANDS (TO 2CM),PODS AND DISSEMINATIONS.	
			30.1		232.00- 233.00: 100% ULTRAMAFIC: greenish gray, massive, hard, moderately broken, banding: 55 degree angle to c.a., 3 % carbonate veins of, 1% talc veins of, 1% magnetite disseminations of, 5% chromite disseminations of.	CAMBRIAN ULTRAMAFIC COM
			30.1		238.00- 240.00: 100% ULTRAMAFIC: greenish gray, massive, hard, moderately broken, banding: 55 degree angle to c.a., 3 % carbonate veins of, 1% talc veins of, 1% magnetite disseminations of, 5% chromite disseminations of.	CAMBRIAN ULTRAMAFIC COM
R	241.80	250.50			A PENETRATIVE FABRIC IS DEVELOPED IN ULTRAMAFIC AT 55 DEGREES	
R	241.80	250.50			TO C.A. AND IS VERY FAINT. STRONG SHEAR/FRACURE SETS OCCUR IN	
R	241.80	250.50			THE SERPENTINITE PORTIONS AT 30 AND 60 DEGRESS TO C.A.	
R	241.80	250.50			THE FORMER SET HAS SLICKENSIDES AT 30 DEG TO C.A.	
	261.70	265.40	3.7		SERPENTINITE: very dark green, massive, hard, moderately broken, shear: 30 degree angle to c.a., gradational base, 1% disseminations of.	CAMBRIAN ULTRAMAFIC COM
R	261.70	265.40			CONTAINS OCCASIONAL FRACTURES AT 30 DEGREES TO C.A. , WITH	
R	261.70	265.40			SLICKENSIDES AT 90 DEG TO C.A.	
END	265.40	280.50			ULTRAMAFIC: greenish gray, massive, hard, moderately broken, 3 % chromite disseminations of. 265.40- 280.50: 10% SERPENTINITE: very dark green, massive, sheared, shear: 50 degree angle to c.a..	CAMBRIAN ULTRAMAFIC COM

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ003 (CONTINUED)

A001 ASSAYS

From	To	Number	COPPER	LEAD	ZINC	TIN	GOLD	SILVER	ARSENIC	ANTIMONY
8.00	9.00	28151	15	10	150	5	-5.00	-5.00	2.40	3.40
16.00	17.00	28152	50	35	150	-3	-5.00	-5.00	3.30	3.20
27.00	28.00	28153	40	10	115	8	-5.00	-5.00	14.00	3.90
35.10	36.20	28154	155	10	180	62	-5.00	-5.00	21.00	3.30
37.50	38.50	28155	30	15	90	10	-5.00	-5.00	14.00	10.00
40.20	41.20	28156	80	60	1200	19	-5.00	-5.00	17.00	2.80
41.20	42.05	28157	470	745	5500	223	10.00	-5.00	41.00	3.50
42.05	43.00	28158	2000	495	2500	454	-13.00	-10.00	3350.00	22.10
48.00	49.00	28159	150	10	160	8	-5.00	-5.00	13.00	3.70
56.00	57.00	28161	60	5	100	5	-5.00	-5.00	15.00	5.30
62.00	63.00	28162	10	10	100	8	-5.00	-5.00	3.50	0.76
73.60	74.00	28163	70	50	160	7	-5.00	-5.00	16.00	4.60
80.00	81.00	28164	70	10	230	4	-5.00	-5.00	5.40	1.70
88.00	89.00	28165	50	45	220	5	-5.00	-5.00	2.80	2.30
97.00	98.00	28166	15	10	145	7	-5.00	-5.00	40.00	5.00
98.00	99.00	28167	90	25	100	-3	-5.00	-5.00	21.00	4.00
99.00	100.00	28168	5	5	85	3	-5.00	-5.00	6.90	15.00
100.00	101.30	28169	10	5	40	-3	-5.00	-5.00	16.00	8.90
101.30	102.00	28170	10	15	95	-3	-5.00	-5.00	20.00	8.90
104.00	105.00	28171	45	20	90	5	-5.00	-5.00	6.80	11.00
108.00	109.00	28172	25	5	95	6	-5.00	-5.00	130.00	53.60
112.00	113.00	28173	10	20	120	4	-5.00	-5.00	27.00	7.70
116.00	117.00	28174	40	45	215	48	-5.00	-5.00	312.01	71.50
120.00	121.00	28175	10	60	135	5	-5.00	-5.00	8.80	5.80
122.35	123.50	28176	35	10	80	5	-5.00	-5.00	45.00	35.80
123.50	124.50	28177	10	10	65	-3	-5.00	-5.00	40.00	58.40
124.50	125.60	28178	25	10	85	-3	-5.00	-5.00	2.00	4.40
128.00	129.00	28179	10	5	85	-3	-5.00	-5.00	2.30	2.00
132.00	133.00	28181	15	5	75	6	-5.00	-5.00	3.60	0.60
136.00	137.00	28182	5	5	50	-3	-5.00	-5.00	12.00	8.20
140.00	141.00	28183	10	15	50	-3	-5.00	-5.00	2.00	0.62
144.00	145.00	28184	5	5	40	-3	-5.00	-5.00	2.00	10.00
148.00	149.00	28185	30	-5	40	-3	-5.00	-5.00	10.00	35.90
152.00	153.00	28186	55	-5	65	-3	-5.00	-5.00	61.00	7.60
156.00	157.00	28187	5	-5	75	-3	-5.00	-5.00	8.20	7.20
160.00	161.00	28188	5	15	95	-3	-5.00	-5.00	20.00	15.00
164.00	165.00	28189	-5	5	85	3	-5.00	-5.00	2.00	2.40
168.00	169.00	28190	10	-5	110	-3	-5.00	-5.00	2.00	5.80
170.00	171.00	28191	110	5	110	-3	-5.00	-5.00	6.01	89.50
172.00	173.00	28192	60	5	85	8	-13.00	-5.00	130.00	1400.00
174.00	175.00	28193	50	5	95	3	-5.00	-5.00	930.01	0.70
176.00	177.00	28194	90	3	70	-3	-5.00	-5.00	1060.00	49.00

0220
15124

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ003 (CONTINUED)

A001 ASSAYS

From	To	Number	COPPER	LEAD	ZINC	TIN	GOLD	SILVER	ARSENIC	ANTIMONY
178.00	179.00	28195	80	-5	175	7	-5.00	-5.00	1400.00	259.00
179.00	180.10	28196	70	-5	145	18	-5.00	-5.00	2610.00	327.00
180.10	180.90	28197	700	5	125	6	-5.00	-5.00	1730.01	65.70
180.90	182.05	28198	8000	15	240	9	-14.00	-12.00	7180.00	145.00
182.05	183.00	28199	65	-5	70	4	-5.00	-5.00	558.00	474.00
183.00	184.00	28201	30	-5	150	7	-5.00	-5.00	62.00	20.70
184.00	185.00	28202	15	-5	170	4	-5.00	-5.00	11.00	7.10
188.00	189.00	28203	20	-5	125	3	-5.00	-5.00	74.00	29.70
192.00	193.00	28204	70	-5	65	-3	-5.00	-5.00	67.00	114.00
196.00	197.00	28205	15	-5	55	-3	-5.00	-5.00	70.01	88.00
200.00	201.00	28206	15	-5	135	-3	-5.00	-5.00	24.00	6.60
206.50	207.50	28207	10	-5	85	-3	-5.00	-5.00	8.30	10.00
209.90	211.00	28208	10	-5	40	-3	-5.00	-5.00	2.00	3.30
214.10	215.00	28209	15	-5	45	6	-5.00	-5.00	30.00	20.90
218.00	219.00	28210	40	-5	55	-3	-5.00	-5.00	3.50	1.70
222.00	223.00	28211	10	-5	70	3	-5.00	-5.00	5.20	1.50
226.70	227.50	28212	10	20	75	-3	-5.00	-5.00	2.60	1.30
230.00	231.00	28213	15	-5	60	-3	-5.00	-5.00	2.90	0.76
232.00	233.00	28214	10	-5	80	-3	-5.00	-5.00	2.00	0.77
234.00	235.00	28215	10	-5	65	4	-5.00	-5.00	3.80	1.40
236.00	237.00	28216	10	-5	60	-3	-5.00	-5.00	2.00	1.00
238.00	239.00	28217	10	-5	80	-3	6.00	-5.00	3.10	1.40
239.00	240.00	28218	5	-5	95	4	-5.00	-5.00	2.00	1.90
244.00	245.00	28219	10	-5	90	35	-5.00	-5.00	10.00	11.00
248.00	249.00	28221	20	50	100	5	-5.00	-5.00	17.00	5.50
252.00	253.00	28222	10	-5	65	-3	-5.00	-5.00	4.30	1.50
256.00	257.00	28223	10	-5	85	5	-5.00	-5.00	6.60	6.00
260.00	261.00	28224	5	-5	65	-3	-5.00	-5.00	3.20	2.30
264.00	265.40	28225	5	-5	75	-3	-5.00	-5.00	2.00	0.34
268.00	269.00	28226	5	-5	75	4	-5.00	-5.00	2.00	0.46
272.00	273.00	28227	5	-5	140	3	-5.00	-5.00	3.00	0.34

4220

15123

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ003 (CONTINUED)

002 ASSAYS

From	To	Number	TUNGSTEN	CHROMIUM
8.00	9.00	28151	-2.00	240
16.00	17.00	28152	-2.00	230
27.00	28.00	28153	-2.00	330
35.10	36.20	28154	38.00	270
37.50	38.50	28155	-2.00	210
40.20	41.20	28156	4.40	250
41.20	42.05	28157	27.00	270
42.05	43.00	28158	51.00	200
48.00	49.00	28159	-2.00	430
56.00	57.00	28161	-2.00	340
62.00	63.00	28162	-2.00	270
73.60	74.00	28163	-2.00	250
80.00	81.00	28164	-2.00	310
88.00	89.00	28165	-2.00	390
97.00	98.00	28166	-2.00	5190
98.00	99.00	28167	-2.00	736
99.00	100.00	28168	-2.00	2620
100.00	101.30	28169	-2.00	1950
101.30	102.00	28170	-2.00	1300
104.00	105.00	28171	-2.00	300
108.00	109.00	28172	-2.00	480
112.00	113.00	28173	-2.00	1650
116.00	117.00	28174	-2.00	1290
120.00	121.00	28175	-2.00	1540
122.35	123.50	28176	-2.00	4490
123.50	124.50	28177	-2.00	2260
124.50	125.60	28178	-2.00	2850
128.00	129.00	28179	-2.00	3640
132.00	133.00	28181	-2.00	3960
136.00	137.00	28182	-2.00	370
140.00	141.00	28183	-2.00	110
144.00	145.00	28184	-2.00	1630
148.00	149.00	28185	-2.00	2840
152.00	153.00	28186	-2.00	4070
156.00	157.00	28187	-2.00	5350
160.00	161.00	28188	-2.00	4090
164.00	165.00	28189	-2.00	4080
168.00	169.00	28190	-2.00	6220
170.00	171.00	28191	-2.00	5420
172.00	173.00	28192	-2.00	2620
174.00	175.00	28193	-2.00	3890
176.00	177.00	28194	-2.00	4320

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ003 (CONTINUED)

002 ASSAYS

From	To	Number	TUNGSTEN	CHROMIUM
178.00	179.00	28195	-2.00	8750
179.00	180.10	28196	-2.00	6880
180.10	180.90	28197	-2.00	11200
180.90	182.05	28198	-2.00	10400
182.05	183.00	28199	-2.00	4190
183.00	184.00	28201	-2.00	16200
184.00	185.00	28202	-2.00	11100
188.00	189.00	28203	-2.00	9240
192.00	193.00	28204	-2.00	3420
196.00	197.00	28205	-2.00	2070
200.00	201.00	28206	-2.00	480
206.50	207.50	28207	-2.00	17500
209.90	211.00	28208	-2.00	4550
214.10	215.00	28209	-2.00	6070
218.00	219.00	28210	-2.00	9590
222.00	223.00	28211	-2.00	5410
226.70	227.50	28212	-2.00	5580
230.00	231.00	28213	-2.00	3640
232.00	233.00	28214	-2.00	21900
234.00	235.00	28215	-2.00	2930
236.00	237.00	28216	-2.00	4810
238.00	239.00	28217	-2.00	23700
239.00	240.00	28218	-2.00	19600
244.00	245.00	28219	-2.00	8080
248.00	249.00	28221	-2.00	13300
252.00	253.00	28222	-2.00	6300
256.00	257.00	28223	-2.00	4960
260.00	261.00	28224	-2.00	11400
264.00	265.40	28225	-2.00	4280
268.00	269.00	28226	-2.00	3670
272.00	273.00	28227	-2.00	4340

0220

15122

R.G.C. Exploration Pty Ltd
DUNDAS

SURFACE DIAMOND DRILLHOLE : MZ004

PROJECT IDEN : DUNDAS	START DATE : 3 APR 90	COMPLETION DATE : 24 APR 90	LOGGED BY:DAVID JOHN CROSSING
COLLAR NORTHING: 67047.00	COLLAR EASTING : 72605.00	COLLAR ELEVATION: 350.00	GRID AZIMUTH : 0.00
DRILLED BY :D.D.T	TOTAL LENGTH : 258.00	CORE/HOLE SIZE : HQNQ	

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		278.00	-51.30	67047.00	72605.00	350.00
001	31.00		278.00	-51.30			
002	61.00		278.00	-52.50			
003	91.00		277.50	-51.30			
004	121.00		278.00	-49.70			
005	151.00		280.50	-49.00			
006	181.00		283.00	-48.60			
007	211.00		283.00	-46.30			
008	241.00		286.00	-45.60			
009	258.00		287.50	-45.30			

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
	0.00	4.00			PRECOLLAR.	
	4.00	6.50	2.5		CRYSTAL LAPILLI TUFF: medium orange, moderately weathered, massive, coarse bedded, firm, highly broken, coarse sand, small pebble.	
R	4.00	6.50			DOMINANTLY FELDSPATHIC PYROCLASTS,WEATHERED TO CLAY, WITH	
R	4.00	6.50			SUBORDINATE QUARTZ.	
	6.50	40.40	27.6		SILTSTONE: pale grey, moderately weathered, indistinctly bedded, jointed, firm, exceptionally broken, bedding: 80 degree angle to c.a., join: 45 degree angle to c.a., conformable base, 0.1% fe-oxides joint linings.	
R	6.50	40.40			CORE VERY BROKEN DUE TO ABUNDANT JOINTING.	
R	6.50	11.50			SILTSTONE AND CLAY, EXTREMELY BROKEN.	
R	37.70	40.00			SILTSTONE AND CLAY BANDS, COMPLETELY BROKEN.	
F/	40.40	53.00	12.6		SHEARED SILTSTONE: orange brown, moderately weathered, vuggy, sheared, firm, highly broken, fault: 40 degree angle to c.a., 3 % fe-oxides in vughs.	
			12.6		40.40- 42.70: 100% SHEARED SILTSTONE: orange brown, moderately weathered, vuggy, sheared, firm, highly broken, fault: 40 degree angle to c.a., 3 % quartz in vughs, 5% chlorite gough, 3 % fe-oxides in vughs.	
R	40.40	53.00			A ZONE OF MODERATE TO STRONGLY SHEARED SILTSTONE. THE SILTSTONE	

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ004 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
R	40.40	53.00			WAS BLACK AND CARBONACEOUS BEFORE WEATHERING, BUT IS NOW MOSTLY	
R	40.40	53.00			BLEACHED LIGHT GREY. WEATHERING PROCEEDS OUTWARD FROM SHEAR	
R	40.40	53.00			SURFACES AND JOINTS. PROBABLY GRAPHITIC AND PYRITIC BEFORE	
R	40.40	53.00			WEATHERING.	
R	40.40	53.01			ATTITUDE OF SHEAR FOLIATION VARIES FROM 10 TO 50 DEGREES TO	
R	40.40	53.01			C.A. BUT IS GENERALLY AROUND 40 - 50 DEGREES.	
	53.00	55.30	2.3		SILTSTONE: pale grey, moderately weathered, indistinctly bedded, sheared, jointed, firm, highly broken, bedding: 25 degree angle to c.a., 1% fe-oxides in fractures.	
R	53.00	55.30			PROBABLY CARBONACEOUS/ GRAPHITIC BEFORE WEATHERING.	
F/	55.30	57.00	1.6		SILTSTONE: gray brown, moderately weathered, vuggy, sheared, firm, highly broken, fault: 50 degree angle to c.a., 30% chlorite replacive, 3 % fe-oxides in vughs.	
R	55.30	57.00			MODERATE TO STRONGLY SHEARED SILTSTONE. PROBABLY GRAPHITIC	
R	55.30	57.00			BEFORE WEATHERING.	
SH/	57.00	61.50	1.1		SHEARED SILTSTONE: black, moderately weathered, firm, exceptionally broken, shear: 40 degree angle to c.a., diffuse base, 30% chlorite replacive, 1% fe-oxides disseminations = veins.	
R	57.00	61.50			PROBABLY GRAPHITIC BEFORE WEATHERING.	
SH/	61.50	67.00	3.8		SHEARED SILTSTONE: black, highly graphitic, unweathered, firm, highly broken, shear: 50 degree angle to c.a., diffuse base, 3 % pyrite disseminations = veins.	
R	61.50	67.00			VERY GRAPHITIC, EXPECT HIGH CONDUCTIVITY.	
	67.00	85.00	17.8		CALCAREOUS SILTSTONE: very dark gray, slightly graphitic, massive, indistinctly bedded, hard, highly broken, bedding: 50 degree angle to c.a., vein: 40 degree angle to c.a., gradational base, 3 % carbonate veins of, 1% pyrite disseminations > veins, trace sphalerite disseminations of.	
R	67.00	85.00			PYRITE IS MOSTLY SYNGENETIC (DISSEMINATED AND ALONG BEDDING	
R	67.00	85.00			PLANES). LOCALLY NON - CALCAREOUS. LOCALLY FAINTLY LAMINATED.	
R	73.70	74.80			THE CONGLOMERATE CONSISTS OF LIGHT GREY INTRACLASTS OF VERY	
R	73.70	74.80			CALCAREOUS SILTSTONE IN A DARK GREY SILTSTONE MATRIX. 73.70- 74.80: 30% CALCAREOUS IRREGULARLY INTERBEDDED CONGLOMERATE: mauve gray, medium bedded, 3 % pyrite disseminations of.	
	85.00	94.00	9.0		CALCAREOUS SILTSTONE: very dark gray, medium bedded, finely bedded, hard, moderately broken, bedding: 50 degree angle to	

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13169

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ004 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
					c.a., diffuse base, 0.1% carbonate veins of, 1% pyrite disseminations > veins.	
R	85.00	94.00			THE LIGHT-GREY INTERBEDS FIZZ STRONGLY IN DILUTE ACID (HCL) AND	
R	85.00	94.00			CONTAIN SIGNIFICANT PYRITE TOWARD BASE.	
					85.00- 94.00: 20% CALCAREOUS INTER BEDDED SILTSTONE: light gray, finely bedded, 3 % pyrite disseminations of.	
					92.20- 93.20: 100% SHEARED SILTSTONE: slightly graphitic, strongly folded, sheared, shear: 40 degree angle to c.a., 5% quartz veins of, 10% carbonate veins of, 1% pyrite disseminations < veins, 1% pyrrhotite.	
SH/	94.00	104.00	10.0		SHEARED CALCAREOUS SILTSTONE: very dark gray, moderately graphitic, sheared, boudinaged, hard, moderately broken, shear: 45 degree angle to c.a., diffuse base, 3 % carbonate veins of, 3 % pyrite disseminations = veins, 1% pyrrhotite.	
R	94.00	104.00			VARIABLY SHEARED, AT 30 - 70 DEG TO C.A., ALSO TIGHTLY FOLDED	
R	94.00	104.00			(DISCORDANT) AND LOCALLY BOUDINAGED/BRECCIATED WHERE	
R	94.00	104.00			DEFORMATION IS MOST INTENSE.	
					98.00- 98.90: 100% SILTSTONE: finely bedded, microfaults, bedding: 30 degree angle to c.a.	
	104.00	114.00	10.0		CALCAREOUS SILTSTONE: dark gray, finely bedded, medium bedded, microfaults, hard, moderately broken, bedding: 45 degree angle to c.a., diffuse base, 0.3% pyrite disseminations of.	
R	104.00	114.00			LOCALLY DISRUPTED AND FOLDED BY (MICRO) FAULTS.	
					104.00- 114.00: 30% CALCAREOUS FINELY INTERBEDDED SILTSTONE: light gray, finely bedded, well bedded, 3 % pyrite disseminations of.	
SH/	114.00	126.30	12.3		SHEARED CALCAREOUS SILTSTONE: dark gray, slightly graphitic, remnant bedding, sheared, hard, moderately broken, shear: 40 degree angle to c.a., 3 % carbonate veins of, 3 % pyrite disseminations = veins.	
R	114.00	126.30			VARIABLY SHEARED LOCALLY BRECCIATED. DISTURBED REMNANT BEDDING	
R	114.00	126.30			OCCASIONALY VISIBLE.	
					123.00- 123.20: 100% FAULT: slightly graphitic, soft, highly broken, fault: 40 degree angle to c.a., 30% carbonate infilling shear/fault.	
SH/	126.30	129.00	2.7		SHEARED ALTERED SILTSTONE: medium gray, moderately silicified, moderately bleached, textures obliterated by alteration, hard, moderately broken, diffuse base, 30% quartz pervasive, 5% pyrite veins of, 5% quartz veins of, 10% pyrrhotite.	
R	126.30	129.00			? SHEAR SURFACES VARY 20 - 50 DEG TO C.A.	

2220

16126

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ004 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
			2.7		126.40- 127.00: 100% SHEARED ALTERED SILTSTONE: medium gray, moderately silicified, moderately bleached, textures obliterated by alteration, hard, moderately broken, vein: 70 degree angle to c.a., diffuse base, 20% quartz veins of, 20% pyrite veins of, 30% quartz pervasive, 20% pyrrhotite.	
	129.00	142.00	13.0		SILTSTONE: dark gray, massive, indistinctly bedded, lightly folded, microfaults, hard, highly broken, banding: 45 degree angle to c.a., diffuse base, 0.3% carbonate veins of, 3 % pyrite disseminations > veins, 0.3% pyrrhotite.	
R	129.00	142.00			SLIGHTLY CALCAREOUS LOCALLY SHEARED WITH (SYNGENETIC ?)	
R	129.00	142.00			DISSEMINATED EUHEDRAL PYRITE. B.C.A.'S VARY 25 - 50 DEGREES TO	
R	129.00	142.00			THE C.A.	
R	129.00	142.00			PYRRHOTITE VEINING OCCURS NEAR BASE, ASSOCIATED WITH PATCHY	
R	129.00	142.00			SILICIFICATION.	
					129.00- 142.00: 5% FINELY INTERBEDDED AGGLOMERATE, PYROCLASTIC: light gray, finely bedded, grit, 50% coarse, poorly sorted, angular, moderate sphericity.	
					129.40- 131.30: 100% SILTSTONE: vuggy, sheared, brecciated, hard, highly broken, 60% quartz massive/ semi - massive, 20% pyrite stockwork, 3 % chalcopyrite veins of.	
R	137.00	137.50			WEAKLY SHEARED AT 45 DEG TO C.A.	
F/	142.00	150.20	8.2		FAULT: highly silicified, pyrrhotitic, massive, sheared, textures obliterated by alteration, extremely hard, moderately broken, shear: 50 degree angle to c.a., diffuse base, 60% quartz pervasive, 3 % chalcopyrite stockwork, 0.3% cassiterite ?, 10% pyrrhotite.	
R	142.00	150.20			STRONGLY SILICIFIED PYRRHOTITIC FAULT ZONE WITH WELL DEVELOPED	
R	142.00	150.20			TECTONIC FABRIC AT 15 - 60 DEGREES TO THE C.A. (MOSTLY 45 - 55	
R	142.00	150.20			DEGREES).	
R	142.00	150.20			SHEARING CONTINUED , IN PART AFTER SILICIFICATION RESULTING IN	
R	142.00	150.20			BRECCIATION OF MUCH OF THE SILICA. SHEAR FABRIC IS DEFINED BY	
R	142.00	150.20			ANASTOMOSING LAMINAE OF DARK, FINE MATERIAL.	
R	142.00	150.20			PYRRHOTITE - CHALCOPYRITE OCCURS AS A STOCKWORK OF TENSIONAL	
R	142.00	150.20			VEINLETS PREFERENTIALLY DEVELOPED IN THE SILICA, AND ASSOCIATED	
R	142.00	150.20			WITH QUARTZ AND CARBONATE IN LARGER CROSS - CUTTING VEINS. THIS	
R	142.00	150.20			SULPHIDE MINERALIZATION LOCALLY CONSTITUTES UP TO 40% OF THE	
R	142.00	150.20			ROCK, AND SEEMS TO POST -DATE SILICIFICATION.	
R	148.80	149.00			THIS CARBONATE -SPHALERITE-GALENA VEIN CROSS-CUTS AND THEREFORE	
R	148.80	149.00			POST-DATES THE PYRRHOTITE-CHALCOPYRITE MINERALIZATION.	
					148.80- 149.00: 100% VEIN: vein: 40 degree angle to c.a., 50% carbonate veins of, 10% galena veins of, 10% pyrrhotite 10% sphalerite veins of.	

0230

11623

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : HZ004 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
	150.20	172.70	22.5		CRYSTAL LAPILLI TUFF: medium dark grey, massive, coarse bedded, hard, moderately broken, grit, intermediately sorted, angular, moderate sphericity, 3 % quartz veins of, 0.1% chlorite veins of, 0.1% pyrrhotite.	
R	150.20	172.70			A QUARTZ-FELSPAR CRYSTAL TUFF WITH OCCASIONAL SUB-ANGULAR	
R	150.20	172.70			LITHIC FRAGMENTS.	
					169.30- 169.50: 100% VEIN: vein: 45 degree angle to c.a., 80% quartz veins of, 3 % clay veins of, 3 % chlorite veins of, 5% pyrrhotite.	
	172.70	182.10	9.4		SILTSTONE: medium gray, slightly silicified, indistinctly bedded, microfaults, cleaved, hard, moderately broken, bedding: 30 degree angle to c.a., cleavage: 55 degree angle to c.a., 1% pyrite disseminations of, 5% pyrrhotite.	
R	172.70	182.10			SILTSTONE IS FAINTLY, LAMINATE WITH DEFINED BY 10-20% VERY FINE	
R	172.70	182.10			DISSEMINATED PYRRHOTITE (WITHIN LAMINAE). A STRONG FABRIC IS	
R	172.70	182.10			DEVELOPED AT 50 - 70 DEG TO C.A. (TYPICALLY 30 DEGREES TO	
R	172.70	182.10			BEDDING) , AND REGULAR SPACED MICROFAULTS WITH SIMILAR	
R	172.70	182.10			ORIENTATION OCCUR EVERY 30-50 MM. BEDDING VARIES 20 - 50	
R	172.70	182.10			DEGREES TO C.A.	
			9.4		181.30- 182.09: 100% ALTERED INCREASING DOWNHOLE SILTSTONE: medium gray, highly silicified, slightly pyrrhotitic, indistinctly bedded, microfaults, cleaved, hard, moderately broken, bedding: 30 degree angle to c.a., cleavage: 55 degree angle to c.a., 50% quartz pervasive, 0.3% carbonate veins of, 1% siderite veins of, 0.3% pyrite disseminations of, 0.3% chalcopyrite disseminations of, 5% pyrrhotite.	
	182.10	183.70	1.6		MASSIVE SULPHIDES: gray brown, arsenopyritic, pyrrhotitic, hard, moderately broken, fault: 40 degree angle to c.a., 3 % carbonate massive/ semi - massive, 5% siderite massive/ semi - massive, 5% chalcopyrite massive/ semi - massive, 30% pyrrhotite massive/ semi - massive, 50% arsenopyrite massive/ semi - massive.	
R	182.10	183.70			FRAZERS LODE; SIMILAR MINERALOGY (ARSENOPYRITE/PYRITE -	
R	182.10	183.70			PYRRHOTITE CHALCOPYRITE). CONTACTS ARE ROUGHLY PARALLEL TO	
R	182.10	183.70			TECTONIC FABRIC IN HANGINGWALL/FOOTWALL ROCKS.	
	183.70	185.00	0.8		ALTERED SILTSTONE: medium light grey, moderately silicified, remnant bedding, indistinctly bedded, hard, exceptionally broken, shear: 55 degree angle to c.a., diffuse base, 10% quartz pervasive, 3 % pyrite veins of.	
R	183.70	185.00			SHEARED NEAR BASE.	

0234

19126

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ004 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
EOT	185.00	258.00			SILTSTONE: dark gray, indistinctly bedded, microfaults, hard, moderately broken, bedding: 60 degree angle to c.a., 0.1% pyrite disseminations of, 1% pyrrhotite.	
R	185.00	258.00			LOCALLY FAINTLY LAMINATED/BANDED. FINE GRAINED PYRRHOTITE	
R	185.00	258.00			OCCURS DISSEMINATED ALONG LAMINAE AND SELECTIVELY DISSEMINATED	
R	185.00	258.00			WITHIN BANDS OF FINE SANDSTONE. SOMEWHAT HORNFELSED.	
R	185.00	258.00			B.C.A'S SHALLOW DOWNWARD; AT 210M = 45 DEG. & 225M = 30 DEG.	
					185.00- 258.00: 100% TUFFACEOUS INTER BEDDED SANDSTONE: gray brown, finely bedded, 10% pyrrhotite.	

0237

131233

IGC GEOLOG

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ004 (CONTINUED)

A001 ASSAYS

From	To	Number	COPPER	LEAD	ZINC	TIN	GOLD	SILVER	ARSENIC	ANTIMONY
16.00	17.00	28228	20	65	55	4	-5.00	-5.00	18.00	14.00
32.00	33.00	28229	40	60	145	15	6.40	-5.00	11.00	3.60
42.00	43.00	28230	85	435	520	10	-5.00	-5.00	97.00	31.80
44.00	45.00	28231	65	65	510	8	-5.00	-5.00	29.00	2.70
46.00	47.00	28232	55	55	235	9	-5.00	-5.00	17.00	2.30
48.00	49.00	28233	50	95	225	4	-5.00	-5.00	15.00	1.50
50.00	51.00	28234	55	35	210	4	6.50	-5.00	34.00	3.50
52.00	53.00	28235	40	45	230	3	-5.00	-5.00	14.00	1.70
54.00	55.00	28236	40	60	200	9	8.40	-5.00	21.00	2.80
56.00	57.00	28237	45	60	240	-3	6.20	-5.00	32.00	3.20
60.00	61.00	28238	35	90	160	8	-5.00	-5.00	21.00	2.30
62.00	63.00	28239	160	180	230	6	5.70	-5.00	19.00	3.70
64.00	65.00	28241	55	375	255	3	-5.00	-5.00	24.00	5.90
66.00	67.00	28242	40	165	210	6	-5.00	-5.00	41.00	8.30
73.70	74.80	28243	55	130	130	3	-5.00	-5.00	19.00	2.80
88.00	89.00	28244	35	85	370	5	-5.00	-5.00	25.00	3.20
92.20	93.20	28245	40	70	75	3	-5.00	-5.00	38.00	3.20
94.00	95.00	28246	40	125	175	3	-5.00	-5.00	15.00	2.80
96.00	97.00	28247	45	65	115	6	-5.00	-5.00	78.00	3.40
98.00	99.00	28248	45	860	330	9	-5.00	-5.00	32.00	8.10
100.00	102.00	28249	45	145	310	-3	-5.00	-5.00	27.00	2.60
104.00	105.00	28250	50	105	275	7	7.30	-5.00	52.00	2.90
114.00	115.00	28251	45	140	285	6	-5.00	-5.00	26.00	5.00
116.00	117.00	28252	45	560	475	7	-5.00	-5.00	40.00	3.90
118.00	119.00	28253	40	65	170	9	-5.00	-5.00	29.00	3.00
120.00	121.00	28254	40	140	370	3	-5.00	-5.00	37.00	3.20
122.00	123.00	28255	40	75	140	4	6.10	-5.00	38.00	12.00
124.00	125.00	28256	45	165	260	14	8.20	-5.00	42.00	7.90
126.30	127.00	28257	1300	1600	2950	474	-5.00	9.10	170.00	8.00
127.00	128.00	28258	300	270	505	121	-5.00	-5.00	7.20	6.80
128.00	129.00	28259	145	300	600	73	6.20	-5.00	30.00	5.40
129.40	130.40	28261	60	50	160	16	-5.00	-5.00	64.00	10.00
130.40	131.30	28262	60	55	120	8	-5.00	-5.00	38.00	8.40
131.30	132.00	28263	85	280	130	10	5.70	-5.00	61.00	10.00
136.00	137.00	28264	70	85	80	10	-5.00	-5.00	42.00	10.00
140.00	141.00	28265	410	30	105	41	-5.00	-5.00	52.00	4.20
141.00	142.00	28266	260	470	490	34	-5.00	-5.00	40.00	18.00
142.00	143.00	28267	290	295	1750	32	-5.00	-5.00	92.00	19.00
143.00	144.00	28268	705	240	245	67	-10.00	-5.00	5720.00	32.00
144.00	145.00	28269	10800	1050	4000	387	53.00	27.00	2180.00	13.00
145.00	146.00	28270	1800	120	200	189	28.00	-5.00	25.00	5.50
146.00	147.00	28271	2250	185	190	285	-5.00	-5.00	23.00	5.70

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ004 (CONTINUED)

A001 ASSAYS

From	To	Number	COPPER	LEAD	ZINC	TIN	GOLD	SILVER	ARSENIC	ANTIMONY
147.00	148.00	28272	1450	85	95	218	10.00	-5.00	206.00	59.10
148.00	149.00	28273	4600	5000	19700	464	-21.00	-17.00	13300.00	65.10
149.00	150.20	28274	990	600	185	252	-15.00	-11.00	9620.00	89.30
150.20	151.00	28275	70	75	105	8	-5.00	-5.00	70.00	3.50
172.70	174.00	28276	105	25	65	35	-5.00	-5.00	51.00	3.50
174.00	175.00	28277	150	15	95	79	-5.00	-5.00	7.70	2.70
175.00	176.00	28278	205	15	75	18	-5.00	-5.00	20.00	3.00
176.00	177.00	28279	290	10	80	30	-5.00	-5.00	17.00	2.60
177.00	178.00	28281	475	165	100	69	-5.00	-5.00	5.40	2.70
178.00	179.00	28282	255	15	80	48	-5.00	-5.00	4.90	3.10
179.00	180.00	28283	280	15	75	29	-5.00	-5.00	7.40	2.40
180.00	181.30	28284	460	60	165	63	-5.00	-5.00	8.90	3.00
181.30	182.10	28285	2200	200	490	177	14.00	-5.00	512.00	34.70
182.10	183.00	28286	17200	560	635	1110	300.00	22.00	160000.00	918.00
183.00	183.70	28287	13400	690	465	272	775.00	30.00	225000.00	532.00
183.70	185.00	28288	660	50	470	179	-5.00	-5.00	709.00	34.60
185.00	186.00	28289	190	-5	135	63	-5.00	-5.00	190.00	24.50
190.00	191.00	28290	95	-5	80	11	-5.00	-5.00	20.00	3.90
200.00	201.00	28291	0	0	0	0	0.00	-5.00	0.00	0.00
210.00	211.00	28292	95	-5	135	10	-5.00	-5.00	15.00	2.10
220.00	221.00	28293	125	10	150	10	-5.00	-5.00	13.00	1.60
230.00	231.00	28294	150	-5	110	16	-5.00	-5.00	36.00	1.70
240.00	241.00	28295	120	-5	85	9	-5.00	-5.00	14.00	1.60
250.00	251.00	28296	105	-5	75	9	-5.00	-5.00	12.00	2.50

0234

15126

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ004 (CONTINUED)

02 ASSAYS

From	To	Number	TUNGSTEN	CHROMIUM
16.00	17.00	28228	-2.00	140
32.00	33.00	28229	-2.00	200
42.00	43.00	28230	2.20	150
44.00	45.00	28231	-2.00	160
46.00	47.00	28232	-2.00	160
48.00	49.00	28233	-2.00	170
50.00	51.00	28234	2.80	140
52.00	53.00	28235	-2.00	160
54.00	55.00	28236	-2.00	150
56.00	57.00	28237	-2.00	140
60.00	61.00	28238	2.20	130
62.00	63.00	28239	-2.00	130
64.00	65.00	28241	-2.00	140
66.00	67.00	28242	2.40	110
73.70	74.80	28243	-2.00	120
88.00	89.00	28244	-2.00	84
92.20	93.20	28245	2.60	92
94.00	95.00	28246	-2.00	110
96.00	97.00	28247	-2.00	96
98.00	99.00	28248	-2.00	110
100.00	102.00	28249	-2.00	110
104.00	105.00	28250	-2.00	99
114.00	115.00	28251	-2.00	110
116.00	117.00	28252	-2.00	110
118.00	119.00	28253	-2.00	110
120.00	121.00	28254	-2.00	98
122.00	123.00	28255	-2.00	110
124.00	125.00	28256	-2.00	96
126.30	127.00	28257	34.00	91
127.00	128.00	28258	3.20	110
128.00	129.00	28259	-2.00	110
129.40	130.40	28261	-2.00	100
130.40	131.30	28262	-2.00	100
131.30	132.00	28263	-2.00	91
136.00	137.00	28264	-2.00	120
140.00	141.00	28265	2.60	99
141.00	142.00	28266	3.80	110
142.00	143.00	28267	-2.00	100
143.00	144.00	28268	-2.00	47
144.00	145.00	28269	10.00	72
145.00	146.00	28270	8.80	150
146.00	147.00	28271	31.00	92

023471

15236

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ004 (CONTINUED)

02 ASSAYS

From	To	Number	TUNGSTEN	CHROMIUM
147.00	148.00	28272	11.00	120
148.00	149.00	28273	-5.70	65
149.00	150.20	28274	-5.80	60
150.20	151.00	28275	-2.00	44
172.70	174.00	28276	-2.00	180
174.00	175.00	28277	-2.00	170
175.00	176.00	28278	-2.00	180
176.00	177.00	28279	-2.00	170
177.00	178.00	28281	-2.00	150
178.00	179.00	28282	-2.00	160
179.00	180.00	28283	-2.00	180
180.00	181.30	28284	-2.00	150
181.30	182.10	28285	7.20	130
182.10	183.00	28286	-81.00	31
183.00	183.70	28287	-65.00	55
183.70	185.00	28288	9.40	150
185.00	186.00	28289	13.00	190
190.00	191.00	28290	-2.00	180
200.00	201.00	28291	0.00	0
210.00	211.00	28292	-2.00	180
220.00	221.00	28293	-2.00	160
230.00	231.00	28294	-2.00	160
240.00	241.00	28295	-2.00	170
250.00	251.00	28296	-2.00	180

020

15729

INTERNATIONAL GEOSYSTEMS CORPORATION

R.G.C. Exploration Pty Ltd
DUNDAS

SURFACE DIAMOND DRILLHOLE : MZ005

PROJECT IDEN : DUNDAS	START DATE : 25 APR 90	COMPLETION DATE : 29 APR 90	LOGGED BY:DAVID JOHN CROSSING
COLLAR NORTHING: 68590.00	COLLAR EASTING : 71825.00	COLLAR ELEVATION: 265.00	GRID AZIMUTH : 0.00
DRILLED BY :D.D.T	TOTAL LENGTH : 529.00	CORE/HOLE SIZE : HQNQ	

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		270.00	-45.00	68590.00	71825.00	265.00
001	34.00		277.50	-46.00			
002	64.00		280.50	-46.30			
003	94.00		272.50	-46.40			
004	124.00		276.00	-45.80			
005	154.00		276.50	-45.40			
006	184.00		277.50	-45.00			
007	214.00		280.50	-45.00			
008	244.00		278.50	-45.00			
009	274.00		280.00	-45.00			
010	304.00		281.50	-45.00			
011	334.00		283.00	-45.00			
012	364.00		284.50	-45.00			
013	394.00		286.00	-45.00			
014	424.00		287.00	-45.00			
015	484.00		287.50	-44.50			
016	514.00		288.50	-44.00			
017	529.00		290.00	-43.50			

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
	0.00	12.00			PRECOLLAR.	
	12.00	14.60	2.2		SILTSTONE: gray orange, highly weathered, jointed, firm, highly broken, bedding: 45 degree angle to c.a., 3 % fe-oxides joint linings.	
	14.60	17.00	2.4		SILTSTONE: gray mauve, moderately weathered, massive, jointed, joint: 45 degree angle to c.a..	
R	14.60	17.00			THE "CONGLOMERATE" HAS A RECRYSTALLISED MATRIX AND IS OFTEN	
R	14.60	17.00			SHEARED, AND MAY IN PART BE A MILLED TECTONIC BRECCIA. 14.60- 17.00: 40% ALTERED IRREGULARLY INTERBEDDED CONGLOMERATE: gray green, massive, partly recrystallised, textures obliterated by alteration, poorly sorted, angular, moderate sphericity, 5% quartz veins of, 1% cassiterite ?, 5% quartz interstitial, 50% actinolite replacive, 1% tourmaline disseminations of, 0.1% pyrrhotite.	

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ005 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
	17.00	25.40	7.6		SILTSTONE: gray mauve, moderately weathered, massive, jointed, disrupted bedding, microfault: 35 degree angle to c.a..	
R	17.00	25.40			PARTLY ALTERED IN THE FORM OF IRREGULAR TO LENTICULAR GREENISH	
R	17.00	25.40			PATCHES ARRANGED ROUGHLY EN-ECHELON. MICROFAULTED/SHEARED NEAR	
R	17.00	25.40			BASE.	
	25.40	27.60	0.6		ANY ROCK: highly weathered, massive, jointed, soft, exceptionally broken, 50% clay patches, 3 % fe-oxides stockwork.	
R	25.40	27.60			FERRUGINOUS, CLAYEY ZONE. POSSIBLY A FRACTURED SILTSTONE IN A	
R	25.40	27.60			FAULT ZONE ?	
	27.60	59.00	31.0		GABBRO: medium gray, unweathered, massive, igneous textured, granoblastic, hard, moderately broken, 5% chlorite disseminations of.	
R	27.60	59.00			PARTIALLY BRECCIATED/INCIPIENT BRECCIA STOCKWORKING, WITH	
R	27.60	59.00			VARIOUS COMBINATIONS OF TOURMALINE, QUARTZ CARBONATE, MINOR	
R	27.60	59.00			SULPHIDES ETC. INFILLING THE IRREGULAR VOIDS PRODUCED BY	
R	27.60	59.00			BRECCIATION.	
			31.0		27.60- 35.00: 100% GABBRO: medium gray, unweathered, massive, igneous textured, brecciated, hard, moderately broken, 5% quartz breccia fillings of, 3 % tourmaline breccia fillings of, 10% chlorite disseminations of, 1% epidote ?.	
R THN	27.70	27.80			T26212; GABBRO.	
			31.0		31.30- 31.60: 100% GABBRO: medium gray, unweathered, massive, igneous textured, brecciated, hard, moderately broken, 0.3% chalcopyrite stockwork, 5% chlorite disseminations of, 1% sphalerite stockwork.	
			31.0		35.00- 46.00: 100% GABBRO: medium gray, unweathered, massive, igneous textured, brecciated, hard, moderately broken, breccia: 30 degree angle to c.a., 10% carbonate breccia fillings of, 0.3% chromite ?, 5% chlorite disseminations of.	
			31.0		58.10- 58.90: 100% GABBRO: medium gray, unweathered, massive, igneous textured, brecciated, hard, moderately broken, breccia: 10 degree angle to c.a., 5% carbonate breccia fillings of, 5% chlorite disseminations of.	
	59.00	63.55			SHEAR (ZONE): gray mottled, hard, moderately broken, shear: 40 degree angle to c.a., 0.3% chromite ?, 50% muscovite infilling shear/fault, 5% chlorite disseminations of.	
R	59.00	63.55			SHEARED GABBRO.	
	63.55	66.00	2.4		GABBRO: medium dark grey, massive, igneous textured, hard,	

0230
15639

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ005 (CONTINUED)

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
					moderately broken, 3 % chlorite disseminations of. 63.55- 66.00: 50% INTERMIXED SHEAR (ZONE): gray mottled, shear: 45 degree angle to c.a., 0.3% magnetite disseminations of, 1% chromite ?, 50% muscovite infilling shear/fault, 0.3% pyrrhotite.	
	66.00	69.90			BRECCIA: gray mottled, massive, breccia: 35 degree angle to c.a., 20% quartz breccia fillings of, 3 % magnetite disseminations of, 10% tremolite replacive, 1% chromite ?, 3 % pyrrhotite.	
R	66.00	69.90			BRECCIATED GABBRO. FINE (<.5MM) BLACK DISSEMINATED MINERAL	
R	66.00	69.90			WITH TRIANGULAR TO HEXAGONAL CROSS-SECTION AND OCCASIONAL	
R	66.00	69.90			FERRUGINOUS HALOES IS TENTATIVELY IDENTIFIED AS CHROMITE.	
	69.90	71.00	1.1		GABBRO: massive, banded, hard, moderately broken, banding: 45 degree angle to c.a., 10% talc disseminations of.	
R	69.90	71.00			RECRYSTALLISED RESULTING IN COARSE CRYSTALLINE BANDS	
R	69.90	71.00			ALTERNATING WITH MEDIUM GRAINED GABBRO.	
	71.00	74.30	3.3		ALTERED GABBRO: gray green, silicified, massive, extremely hard, moderately broken, 50% quartz interstitial, 3 % chlorite disseminations of.	
	74.30	88.50	14.2		ALTERED BRECCIA: gray mottled, massive, hard, moderately broken, shear: 25 degree angle to c.a., gradational base, 3 % talc disseminations of, 1% magnetite disseminations of, 3 % chlorite disseminations of, 1% pyrrhotite.	
R	74.30	88.50			BRECCIATED ALTERED ULTRAMAFIC GABBRO? SHEARED IN PART, WITH	
R	74.30	88.50			LOCALLY ABUNDANT PYRRHOTITE.MAGNETIC.	
			14.2		77.90- 79.30: 100% ALTERED BRECCIA: gray dark, massive, hard, moderately broken, shear: 25 degree angle to c.a., gradational base, 3 % talc disseminations of, 1% magnetite disseminations of, 3 % chlorite disseminations of, 10% pyrrhotite.	
			14.2		79.30- 81.20: 100% ALTERED BRECCIA: gray green, slightly serpentinized, massive, microfaults, hard, moderately broken, shear: 40 degree angle to c.a., microfault: 30 degree angle to c.a., gradational base, 5% talc disseminations of, 1% magnetite disseminations of, serpentine 3 % chlorite disseminations of, 1% pyrrhotite.	
			14.2		81.20- 86.50: 100% ALTERED BRECCIA: gray dark, massive, hard, moderately broken, shear: 25 degree angle to c.a., gradational base, 3 % talc disseminations of, 1% magnetite disseminations of, 3 % chlorite disseminations of, 10% pyrrhotite.	

0230

151290

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ005 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Formation
	88.50	100.00	11.5		GABBRO: gray green, massive, igneous textured, hard, moderately broken, vein: 45 degree angle to c.a., .03% carbonate veins of, 3 % chlorite disseminations of.	
	100.00	100.90	0.9		SHEAR (ZONE): shear: 60 degree angle to c.a..	
R	100.00	100.90			SHEARED GABBRO	
	100.90	103.50	2.6		GABBRO: gray green, massive, igneous textured, hard, moderately broken, vein: 45 degree angle to c.a., .03% carbonate veins of, 3 % chlorite disseminations of.	
	103.50	107.50	4.0		CONGLOMERATE: gray green, massive, microfaults, hard, highly broken, large pebble, poorly sorted, rounded, moderate sphericity, OPEN STRUCTURE, bedding: 80 degree angle to c.a., microfault: 20 degree angle to c.a., 1% carbonate veins of.	
R	103.50	107.50			PEBBLES OF QUARTZ/CHERT, ?TUFFACEOUS SILTSTONE , TUFF , BLACK	
R	103.50	107.50			MUDSTONE, GABBRO IN A MATRIX OF GABBROIC COMPOSITION.	
	107.50	107.90	0.4		VEIN: quartzitic,ose, tourmalinised, hard, exceptionally broken, vein: 10 degree angle to c.a., 30% quartz veins of, 3 % clay gough, 3 % tourmaline veins of, 1% fe-oxides veins of.	
	107.90	112.10	4.2		ANY ROCK: very dark gray, massive, hard, highly broken, 1% carbonate veins of.	
R	107.90	112.10			SUB-ANGULAR GABBRO CLASTS IN A (RECRYSTALLISED?) GABBROIC	
R	107.90	112.10			MATRIX. POSSIBLY OF TECTONIC ORIGIN (A SHEARED GABBRO ?).	
	112.10	112.40	0.3		SHEAR (ZONE): black, soft, completely broken, vein: 45 degree angle to c.a., 10% quartz veins of.	
	112.40	116.00	3.6		SHEARED GABBRO: gray green, massive, sheared, hard, moderately broken, shear: 20 degree angle to c.a., 1% magnetite disseminations of, 0.3% pyrrhotite.	
	116.00	120.00	4.0		GABBRO: gray green, massive, igneous textured, microfaults, hard, moderately broken, microfault: 15 degree angle to c.a., gradational base, 1% carbonate veins of.	
	120.00	129.00	9.0		GABBRO: gray green, silicified, massive, igneous textured, extremely hard, moderately broken, diffuse base, 1% carbonate veins of.	
	129.00	140.70	11.5		CONGLOMERATE: gray green, massive, microfaults, hard, moderately broken, microfault: 45 degree angle to c.a., 1%	

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R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ005 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
					carbonate veins of, 1% fuchsite pervasive.	
R	129.00	140.70			MAINLY ANGULAR TO SUB-ROUNDED PEBBLES OF GABBRO IN A FINE TO	
R	129.00	140.70			MEDIUM GRAINED GABBROIC MATRIX.	
			11.5		134.50- 138.00: 100% CONGLOMERATE: gray green, massive, microfaults, hard, moderately broken, microfault: 45 degree angle to c.a., 1% carbonate veins of, 3 % fuchsite disseminations = veins.	
	140.70	141.70	1.0		SHEARED CONGLOMERATE: gray green, massive, microfaults, sheared, hard, moderately broken, bedding: 40 degree angle to c.a., shear: 45 degree angle to c.a., 1% carbonate veins of.	
R	140.70	141.70			SHEARED CONGLOMERATE.	
	141.70	145.10	3.4		PEBBLEY SANDSTONE: gray green, massive, microfaults, hard, moderately broken.	
R	141.70	145.10			IMMATURE SANDSTONE OF GABBROIC COMPOSITION.	
			3.4		144.20- 144.80: 100% PEBBLEY SANDSTONE: gray green, massive, sheared, hard, moderately broken, shear: 45 degree angle to c.a., 1% carbonate veins of.	
	145.10	178.20	33.1		CONGLOMERATE: gray green, massive, microfaults, hard, moderately broken, grit, intermediately sorted, angular, moderate sphericity, CLOSED STRUCTURE, bedding: 50 degree angle to c.a., basal contact: 50 degree angle to c.a., sharp planar base, 1% carbonate veins of, 5% actinolite pervasive, 3 % chlorite interstitial.	
R	145.10	178.20			POLYMICT,CONSISTING OF PEBBLES OF WHITE QUARTZ,REDDISH CHERT,	
R	145.10	178.20			GREENISH TUFF/TUFFACEOUS SILTSTONE,GREY SILTSTONE,DARK GREEN	
R	145.10	178.20			MAFIC VOLCANICS. MATRIX IS CHLORITIC,AND RANGES FROM MEDIUM	
R	145.10	178.20			GRAINED TO GRANULE SIZED (LITHIC-WACKE). PEBBLES RANGE ANGULAR	
R	145.10	178.20			TO SUB-ROUNDED,MOSTLY MATRIX-SUPPORTED. VERY IMMATURE (	
R	145.10	178.20			MASS-FLOW). MATRIX IS LOCALLY ACTINOLITISED.	
			33.1		149.80- 152.50: 100% CONGLOMERATE: gray green, massive, jointed, hard, moderately broken, grit, large pebble, intermediately sorted, angular, moderate sphericity, CLOSED STRUCTURE, bedding: 50 degree angle to c.a., joint: 35 degree angle to c.a., sharp planar base, 1% carbonate veins of, 5% actinolite pervasive, 3 % chlorite interstitial.	
R THN	161.00	161.50			T26211; ALTERED CONGLOMERATE	
					168.20- 168.70: 100% FAULT: palest grey, fault: 40 degree angle to c.a., 3 % clay gough.	
	178.20	183.30	5.1		BASALT: very dark gray, massive, recrystallised, hard, moderately broken, 5% quartz veins of, 0.3% axinite veins of,	

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ005 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Formation
					3 % actinolite pervasive, 1% tourmaline veins of, 3 % chlorite pervasive.	
R	178.20	183.30			A FINE GRAINED RECRYSTALLISED EVEN-GRAINED ROCK, EITHER A	
R	178.20	183.30			BASALT OR MASSIVE MAFIC DERIVED LITHIC-WACKE.	
			5.1		178.50- 179.00: 100% BASALT: very dark gray, silicified, massive, recrystallised, hard, moderately broken, fine sand, 10% quartz veins of, 0.3% axinite veins of, 3 % actinolite pervasive, 3 % tourmaline veins of, 3 % chlorite pervasive, 3 % epidote pervasive.	
	183.30	187.10	3.8		ALTERED ANY ROCK: pale grey, silicified, massive, hard, slightly broken, 10% quartz disseminations of, 3 % actinolite pervasive, 3 % chlorite pervasive.	
R	183.30	187.10			A FINE GRAINED, RECRYSTALLISED QUARTZ-ACTINOLITE-CHLORITE ETC.	
R	183.30	187.10			ROCK , POSSIBLY ALTERED BASALT.	
	187.10	187.90	0.8		FAULT: black white, silicified, extremely hard, moderately broken, shear: 50 degree angle to c.a., diffuse base, 30% quartz disseminations of, actinolite 3 % epidote disseminations of.	
R	187.10	198.90			ANNEALED SHEAR ZONE	
	187.90	199.00	11.1		GABBRO: silicified, massive, remnant bedding, extremely hard, moderately broken, vein: 30 degree angle to c.a., diffuse base, 30% quartz disseminations of, 10% actinolite disseminations = veins, 0.3% axinite veins of, 1% tourmaline disseminations < veins, 3 % epidote patches.	
	199.00	214.60	15.6		GABBRO: equigranular, hard, moderately broken, 1% tourmaline disseminations > veins.	
			15.6		199.00- 205.50: 100% GABBRO: equigranular, hard, moderately broken, 10% quartz disseminations of, 1% tourmaline disseminations > veins.	
	214.60	219.90	5.3		FAULT: sheared, soft, highly broken, fault: 10 degree angle to c.a., veins of, 5% carbonate veins of, 0.1% galena veins of, 3 % clay gough, 0.3% sphalerite veins of.	
R	214.60	219.90			PUGHY FAULT ZONE SHEARED AT 0 - 30 DEG TO C.A., IRREGULAR	
R	214.60	219.90			QUARTZ-BASE METAL VEINS ALSO AT SHALLOW ANGLE TO C.A., ARE	
R	214.60	219.90			BOUDINAGED AND WHERE DEFORHATION IS MOST INTENSE, FORH A MILLED	
R	214.60	219.90			BRECCIA.	
R	214.60	219.90			SPHALERITE IS MOSTLY REDDISH - BROWN.	
	219.90	225.70	5.8		ALTERED GABBRO: mauve gray, massive, hard, moderately broken,	

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ005 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Formation
					fault: 30 degree angle to c.a., vein: 40 degree angle to c.a., 10% quartz disseminations = veins, 5% carbonate disseminations = veins, 1% galena veins of, 5% tourmaline disseminations = veins.	
R	219.90	225.70			GABBRO IS TOURMALINE-RICH LOCALLY SHEARED/BLEACHED(DUE TO	
R	219.90	225.70			PRESENCE OF QUARTZ-CARBONATE ALTERATION HALOES AROUND	
R	219.90	225.70			FRACTURES).	
	225.70	283.50	57.8		GABBRO: medium dark grey, massive, hard, moderately broken, basal contact: 30 degree angle to c.a., 1% quartz veins of, 1% carbonate veins of, 1% epidote patches, 1% tourmaline veins of.	
R	225.70	283.50			GABBRO IS VARIABLY ALTERED ACTINOLITISED WITH MINOR	
R	225.70	283.50			QUARTZ-CARBONATE-BASE METAL VEINS, QUARTZ-TOURHALLINE VEINS AND	
R	225.70	283.50			PATCHY EPIDOTE.	
			57.8		225.70- 231.50: 100% GABBRO: medium dark grey, massive, hard, moderately broken, basal contact: 30 degree angle to c.a., 1% quartz veins of, 1% carbonate veins of, 0.1% galena veins of, 1% epidote patches, 5% tourmaline disseminations > veins.	
			57.8		237.20- 239.50: 100% GABBRO: medium dark grey, bleached, silicified, massive, hard, moderately broken, vein: 20 degree angle to c.a., 20% quartz disseminations = veins, 3 % carbonate veins of, 3 % siderite veins of, 1% epidote patches, 3 % tourmaline veins of, 1% sphalerite veins of.	
			57.8		249.90- 250.70: 100% GABBRO: medium dark grey, bleached, silicified, massive, hard, moderately broken, basal contact: 30 degree angle to c.a., 5% quartz disseminations > veins, 1% carbonate veins of, 20% siderite veins of, 1% epidote patches, 1% tourmaline veins of.	
			57.8		252.00- 252.50: 100% GABBRO: medium dark grey, massive, hard, moderately broken, basal contact: 30 degree angle to c.a., 1% quartz veins of, 1% carbonate veins of, 1% pyrite disseminations of, 1% epidote patches, 5% tourmaline disseminations of.	
			57.8		263.00- 277.00: 100% GABBRO: medium dark grey, massive, hard, moderately broken, basal contact: 30 degree angle to c.a., 5% quartz veins of, 3 % carbonate veins of, 1% epidote patches, 1% tourmaline veins of.	
	283.50	290.00	6.5		ALTERED ANY ROCK: bleached, silicified, firm, highly broken, 20% quartz veins of, 5% talc disseminations of, 30% siderite disseminations = veins, 0.3% pyrite disseminations of, .03% galena disseminations of, 5% fuchsite patches, 10% tourmaline veins of, 0.3% sphalerite disseminations of.	

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ005 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Formation
R	283.50	290.00			EXTREMELY ALTERED ZONE, VEINED LOCALLY BRECCIATED WITH ABUNDANT	
R	283.50	290.00			QUARTZ, SIDERITE,FUCHSITE AND TOURMALLINE.VUGHY	
	290.00	377.00			GABBRO: massive, hard, moderately broken, 1% tourmaline veins of. 294.90- 296.90: 100% GABBRO: massive, hard, moderately broken, vein: 5 degree angle to c.a., 10% quartz veins of, 10% tourmaline disseminations < veins. 304.30- 307.50: 100% GABBRO: massive, hard, moderately broken, vein: 5 degree angle to c.a., 5% quartz veins of, 3 % tourmaline veins of. 313.50- 314.30: 100% SHEARED GABBRO: puggy, soft, highly broken, vein: 5 degree angle to c.a., 3 % quartz veins of, 50% clay 3 % tourmaline veins of. 322.60- 323.20: 100% GABBRO: massive, hard, moderately broken, vein: 10% carbonate disseminations > veins, 5% tourmaline veins of. 356.00- 361.50: 100% GABBRO: massive, hard, moderately broken, small pebble, 1% tourmaline veins of. 368.20- 368.80: 100% SHEARED GABBRO: soft, highly broken, shear: 15 degree angle to c.a., 20% carbonate disseminations < veins.	
	377.00	391.20			FAULT: orange brown, moderately weathered, puggy, sheared, soft, highly broken, 5% quartz veins of, 5% siderite veins of, 1% galena veins of, 10% clay 3 % tourmaline veins of, 1% sphalerite veins of.	
R	377.00	391.20			VARIABLY SHEARED WEATHERED GABBRO , WITH QUARTZ-SIDERITE-BASE	
R	377.00	391.20			METAL VEINS AT 30 DEG , AND QUARTZ-TOURMALLINE VEINS AT 0 - 15	
R	377.00	391.20			DEG TO C.A. SHEAR ORIENTATION ?30-70 DEG TO C.A	
R	377.00	391.20			GABBRO HOST IS TOO DECOMPOSED TO CLEARLY RECOGNISE TECTONIC	
R	377.00	391.20			FABRIC, WHICH MAY NOT BE WIDELY OR STRONGLY DEVELOPED. 377.40- 377.80: 100% FAULT: orange brown, moderately weathered, puggy, sheared, soft, highly broken, 5% quartz veins of, 5% siderite veins of, 1% galena veins of, 5% fuchsite patches, 3 % tourmaline veins of, 10% muscovite veins of, 1% sphalerite veins of. 387.30- 389.60: 100% GABBRO: gray dark, massive, 1% tourmaline veins of.	
	391.20	402.80			GABBRO: gray dark, massive, hard, moderately broken, gradational base, 1% quartz veins of, 1% carbonate veins of, 1% tourmaline veins of.	

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R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ005 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
	402.80	406.60			ALTERED GABBRO: firm, highly broken, vein: 10% quartz veins of, 10% siderite veins of, 1% galena veins of, fuchsite 5% tourmaline veins of, 1% sphalerite veins of.	
R	402.80	406.60			GABBRO IS STRONGLY VEINED BY QUARTZ-TOURMALINE VEINS AT 0 - 15	
R	402.80	406.60			DEG TO C.A. AND LATER CROSS-CUTTING QUARTZ-SIDERITE-BASE METAL	
R	402.80	406.60			VEINS AT 30 DEG. GABBRO IS VARIABLY BLEACHED AND ALTERED	
R	402.80	406.60			(FUCHSITIC) AND IS MOSTLY ALTERED WHERE QUARTZ-SIDERITE VEINING	
R	402.80	406.60			IS MOST INTENSE.	
	406.60	484.00			GABBRO: gray dark, massive, hard, moderately broken, 1% tourmaline veins of.	
R	412.90	416.00			QUARTZ-TOURMALINE VEINS DON'T POSSESS ALTERATION HALOES.THIS	
R	412.90	416.00			IS GENERALLY THE CASE THROUGHOUT.	
					412.90- 416.00: 100% GABBRO: gray dark, massive, hard, moderately broken, vein: 5 degree angle to c.a., 5% quartz veins of, 10% tourmaline veins of, 0.3% chlorite.	
R	422.80	423.70			SPHALERITE IS DARK BROWN.	
					422.80- 423.70: 100% VEIN: mauve, vein: 15 degree angle to c.a., microfault: 45 degree angle to c.a., 20% quartz veins of, 30% carbonate veins of, 10% galena veins of, 0.1% axinite veins of, 5% tourmaline veins of, 1% epidote veins of, 5% sphalerite veins of.	
					425.00- 427.00: 100% GABBRO: dark gray, massive, hard, moderately broken, vein: 15 degree angle to c.a., 1% quartz veins of, 3 % tourmaline veins of.	
R	477.30	477.40			DISRUPTS (AND THUS POST - DATES) QUARTZ-TOURMALLINE VEINS.	
					477.30- 477.40: 100% FAULT: fault: 70 degree angle to c.a..	
	484.00	494.70			GABBRO: gray dark, massive, microfaults, hard, moderately broken, microfault: 45 degree angle to c.a..	
R	484.00	494.70			VARIES FROM MEDIUM TO COARSE GRAINED.	
	494.70	495.10			FAULT: pale brown, sheared, brecciated, fault: 50 degree angle to c.a., clay fuchsite.	
	495.10	528.40			GABBRO: gray dark, massive, 0.1% tourmaline veins of.	
R	495.10	528.40			MOSTLY COARSE GRAINED BUT VARIES FROM VERY COARSE (2 CM GRAINS)	
R	495.10	528.40			TO MEDIUM (1- 2 MM). APPROXIMATELY 50% FELSPAR 50% MAFIC (?	
R	495.10	528.40			ACTINOLITE PSEUDOMORPHING PYROXENES).	
					523.00- 523.30: 100% QUARTZ-FELDSPAR PORPHYRY: dyke: 15 degree angle to c.a..	
					525.20- 525.40: 100% QUARTZ-FELDSPAR PORPHYRY: dyke: 15 degree angle to c.a..	

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15426

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ005 (CONTINUED)

- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Formation
528.40	529.00			VEIN: vein: 50 degree angle to c.a., 20% quartz veins of, 70% carbonate veins of, 3 % tourmaline veins of.	

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R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ005 (CONTINUED)

001 ASSAYS

From	To	Number	COPPER	LEAD	ZINC	TIN	GOLD	SILVER	ARSENIC	ANTIMONY
14.60	16.00	28301	45	-5	85	25	-5.00	-5.00	72.00	1.20
16.00	17.00	28302	55	-5	100	51	-5.00	-5.00	79.00	1.40
18.00	19.00	28303	110	-5	150	7	-5.00	-5.00	48.00	1.30
20.00	21.00	28304	95	-5	105	17	-5.00	-5.00	16.00	1.40
22.00	23.00	28305	135	-5	110	8	-5.00	-5.00	21.00	1.60
24.00	25.40	28306	75	-5	145	90	-5.00	-5.00	39.00	1.90
25.40	26.50	28307	40	-5	175	253	-5.00	-5.00	67.00	3.10
26.50	27.60	28308	0	0	0	0	0.00	0.00	0.00	0.00
27.60	29.00	28309	30	-5	85	35	-5.00	-5.00	23.00	2.10
31.00	32.00	28310	420	20	790	333	-5.00	-5.00	110.00	7.20
34.00	35.00	28311	20	15	125	8	9.20	-5.00	4.60	1.80
38.00	39.00	28312	25	-5	55	5	-5.00	-5.00	21.00	1.10
42.00	43.00	28313	5	15	50	4	-5.00	-5.00	11.00	0.39
50.00	51.00	28314	10	-5	60	4	-5.00	-5.00	2.60	0.62
58.00	59.00	28315	15	-5	70	5	-5.00	-5.00	65.00	1.20
62.00	63.00	28316	40	-5	50	7	-5.00	-5.00	29.00	0.89
64.00	65.00	28317	15	-5	65	3	-5.00	-5.00	7.20	0.37
66.00	67.00	28318	20	-5	50	-3	-5.00	-5.00	-2.00	-0.20
67.00	68.00	28319	15	-5	50	3	-5.00	-5.00	7.40	0.45
68.00	69.00	28321	25	-5	50	-3	5.50	-5.00	-2.00	0.30
69.00	69.90	28322	25	-5	55	-3	-5.00	-5.00	10.00	0.43
69.90	71.00	28323	15	-5	65	7	-5.00	-5.00	8.30	0.46
72.00	74.30	28324	10	-5	145	16	-5.00	-5.00	-2.00	1.60
74.30	75.00	28325	15	-5	55	4	-5.00	-5.00	3.50	0.88
76.00	77.00	28326	10	-5	60	10	-5.00	-5.00	7.50	0.76
77.90	79.30	28327	60	25	120	11	-5.00	-5.00	55.00	1.00
79.30	80.30	28328	5	15	95	15	-5.00	-5.00	54.00	0.76
80.30	81.20	28329	5	35	80	14	-5.00	-5.00	20.00	0.62
81.20	82.00	28330	35	35	60	5	-5.00	-5.00	6.10	1.20
82.00	83.00	28331	20	15	65	7	-5.00	-5.00	5.70	1.00
83.00	84.00	28332	25	-5	70	7	-5.00	-5.00	3.70	0.94
84.00	85.00	28333	25	-5	55	6	-5.00	-5.00	3.60	0.83
85.00	86.50	28334	20	-5	45	5	-5.00	-5.00	-2.00	0.38
90.00	91.00	28335	15	-5	55	8	-5.00	-5.00	2.70	0.72
100.00	100.90	28336	15	-5	115	50	20.00	-5.00	46.00	1.60
107.00	108.00	28337	20	-5	300	154	13.00	-5.00	10.00	2.50
110.00	111.00	28338	10	-5	115	44	-5.00	-5.00	51.00	2.10
112.10	113.00	28339	20	375	555	114	-5.00	-5.00	34.00	4.50
114.00	115.00	28341	20	-5	110	258	-5.00	-5.00	281.00	2.00
122.00	123.00	28342	15	5	75	73	-5.00	-5.00	12.00	2.10
130.00	131.00	28343	5	-5	60	25	-5.00	-5.00	10.00	1.80
136.00	137.00	28344	10	-5	50	12	-5.00	-5.00	4.10	1.40

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15429

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ005 (CONTINUED)

001 ASSAYS

From	To	Number	COPPER	LEAD	ZINC	TIN	GOLD	SILVER	ARSENIC	ANTIMONY
140.70	141.70	28345	5	-5	105	36	-5.00	-5.00	54.00	2.70
144.20	144.80	28346	145	-5	1250	67	-5.00	-5.00	110.00	2.40
148.00	149.00	28347	35	-5	65	181	-5.00	-5.00	9.20	1.50
152.00	153.00	28348	20	-5	75	190	-5.00	-5.00	11.00	1.60
156.00	157.00	28349	90	-5	75	145	-5.00	-5.00	13.00	1.60
160.00	161.00	28350	20	-5	70	433	9.20	-5.00	20.00	2.00
164.00	165.00	28351	20	-5	75	621	-5.00	-5.00	12.00	2.20
168.00	168.70	28352	20	-5	90	552	-5.00	-5.00	5.70	3.80
172.00	173.00	28353	10	-5	100	527	-5.00	-5.00	5.70	3.20
176.00	177.00	28354	25	-5	65	467	-5.00	-5.00	6.00	1.80
178.20	179.00	28355	40	-5	60	810	529.00	-5.00	431.00	33.70
182.00	183.30	28356	10	-5	70	1570	-5.00	-5.00	2.40	0.53
184.00	185.00	28357	10	-5	70	400	-5.00	-5.00	4.30	1.80
187.10	187.90	28358	15	-5	75	644	-5.00	-5.00	3.50	1.20
187.90	189.00	28359	195	-5	65	454	-5.00	-5.00	5.10	1.40
192.00	193.00	28361	100	-5	60	159	-5.00	-5.00	7.30	1.10
196.00	197.00	28362	20	-5	70	79	-5.00	-5.00	7.20	0.87
200.00	201.00	28363	25	-5	65	123	-5.00	-5.00	14.00	1.70
204.00	205.00	28364	20	5	70	75	-5.00	-5.00	5.40	1.30
208.00	209.00	28365	30	60	230	156	-5.00	-5.00	3.70	1.60
212.00	213.00	28366	25	140	240	84	-5.00	-5.00	5.20	2.10
214.60	216.00	28367	20	110	600	118	-5.00	-5.00	3.30	2.50
216.00	217.00	28368	80	200	14200	56	-5.00	-5.00	2.10	2.70
217.00	218.00	28369	75	2100	4450	112	-5.00	-5.00	2.60	3.80
218.00	219.00	28370	45	2750	1650	47	-5.00	-5.00	8.80	5.40
219.00	219.90	28371	40	975	1200	84	-5.00	-5.00	8.00	16.90
219.90	221.00	28372	40	155	305	56	-5.00	-5.00	8.90	11.00
221.00	222.00	28373	25	245	595	87	-5.00	-5.00	8.00	6.90
222.00	223.00	28374	10	30	260	365	-5.00	-5.00	2.40	2.90
223.00	224.00	28375	55	8250	4000	343	52.00	-5.00	7.50	18.00
224.00	225.00	28376	60	1050	985	250	17.00	-5.00	2.50	17.00
225.00	225.70	28377	45	150	230	130	-5.00	-5.00	4.70	5.50
225.70	227.00	28378	15	255	575	298	-5.00	-5.00	2.10	2.70
227.00	228.00	28379	20	4450	595	68	-5.00	-5.00	7.40	6.10
228.00	229.00	28381	45	330	280	32	-5.00	-5.00	18.00	2.90
229.00	230.00	28382	40	70	180	86	-5.00	-5.00	34.00	1.80
230.00	231.50	28383	45	10	155	162	-5.00	-5.00	7.50	1.50
237.20	238.00	28384	10	520	330	303	-5.00	-5.00	-2.00	4.50
238.00	239.50	28385	20	210	1900	154	-5.00	-5.00	8.60	7.70
244.00	245.00	28386	10	5	100	46	-5.00	-5.00	12.00	0.86
248.00	249.00	28387	15	-5	50	64	-5.00	-5.00	3.80	1.10
249.90	250.70	28388	10	865	1400	108	-5.00	-5.00	22.00	33.00

0245

151249

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ005 (CONTINUED)

001 ASSAYS

From	To	Number	COPPER	LEAD	ZINC	TIN	GOLD	SILVER	ARSENIC	ANTIMONY
252.00	252.30	28389	130	10	115	69	-5.00	-5.00	33.00	1.80
256.00	257.00	28390	10	-5	85	728	-5.00	-5.00	3.70	1.20
260.00	261.00	28391	35	-5	65	152	-5.00	-5.00	3.20	0.89
264.00	265.00	28392	10	5	70	289	-5.00	-5.00	4.30	1.40
268.00	269.00	28393	20	5	60	131	-5.00	-5.00	3.30	1.30
272.00	273.00	28394	10	20	105	415	-5.00	-5.00	2.50	1.60
276.00	277.00	28395	15	50	380	370	-5.00	-5.00	43.00	2.10
280.00	281.00	28396	65	-5	105	112	5.70	-5.00	9.20	1.50
283.50	285.00	28397	115	430	1600	96	-5.00	-5.00	456.00	62.80
285.00	286.00	28398	20	905	1950	96	-5.00	-5.00	58.00	108.00
286.00	287.00	28399	30	815	2150	108	13.00	-5.00	2620.00	102.00
287.00	288.00	28401	15	515	2350	113	-5.00	-5.00	32.00	20.70
288.00	289.00	28402	30	1400	3850	88	-5.00	-5.00	559.00	34.50
289.00	290.00	28403	95	745	1150	174	-5.00	-5.00	464.00	73.30
294.90	295.90	28404	25	20	90	254	-5.00	-5.00	3.80	1.20
295.90	296.90	28405	25	65	95	380	-5.00	-5.00	2.30	0.62
304.30	305.50	28406	20	-5	85	198	16.00	-5.00	4.40	1.20
305.50	306.50	28407	30	-5	55	52	-5.00	-5.00	3.60	1.30
306.50	307.50	28408	50	-5	45	43	-5.00	-5.00	2.70	1.10
313.50	314.30	28409	15	435	785	170	-5.00	-5.00	17.00	21.10
318.00	319.00	28410	55	-5	60	56	-5.00	-5.00	8.50	1.90
322.60	323.20	28411	65	105	350	277	9.30	-5.00	4.00	1.70
330.00	331.00	28412	205	40	145	53	21.00	-5.00	16.00	1.40
338.00	339.00	28413	15	-5	70	41	-5.00	-5.00	11.00	1.30
346.00	347.00	28414	10	-5	70	53	-5.00	-5.00	9.40	1.20
354.00	355.00	28415	35	-5	60	33	11.00	-5.00	6.30	1.50
358.00	360.00	28416	10	-5	65	31	-5.00	-5.00	6.90	1.30
368.20	368.80	28417	10	-5	115	77	-5.00	-5.00	17.00	2.50
376.00	377.00	28418	15	-5	80	72	14.00	-5.00	12.00	13.00
377.00	378.00	28419	15	-5	95	114	-5.00	-5.00	20.00	20.60
378.00	379.00	28421	10	140	130	73	-5.00	-5.00	17.00	19.00
379.00	380.00	28422	130	15000	25300	57	-5.00	-5.00	20.00	233.00
380.00	381.00	28423	30	3100	5100	73	-5.00	-5.00	46.00	141.00
381.00	382.00	28424	15	805	1550	103	-5.00	-5.00	50.00	72.00
382.00	383.00	28425	20	615	1300	104	-5.00	-5.00	25.00	66.50
383.00	384.00	28426	15	685	2650	52	16.00	-5.00	16.00	32.90
384.00	385.00	28427	30	2100	2550	76	-5.00	-5.00	76.00	91.70
385.00	386.00	28428	55	5350	9200	69	-5.00	-5.00	55.00	50.00
386.00	387.30	28429	245	8350	26800	122	-5.00	-5.00	2280.00	151.00
389.00	390.00	28430	15	155	375	146	-5.00	-5.00	43.00	6.70
390.00	391.20	28431	125	10000	15000	92	-5.00	-5.00	81.00	52.40
398.00	399.00	28432	45	1875	2250	96	7.30	-5.00	19.00	6.90

0249

151250

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ005 (CONTINUED)

001 ASSAYS

From	To	Number	COPPER	LEAD	ZINC	TIN	GOLD	SILVER	ARSENIC	ANTIMONY
402.80	404.00	28433	100	3175	8100	962	-5.00	-5.00	357.00	698.00
404.00	405.00	28434	70	885	1650	182	-5.00	-5.00	41.00	31.30
405.00	406.60	28435	55	2200	3500	231	-5.00	-5.00	140.00	22.20
412.90	414.00	28436	55	10	105	582	16.00	-5.00	13.00	1.10
414.00	415.00	28437	55	-5	80	155	8.30	-5.00	5.30	0.61
415.00	416.00	28438	50	-5	85	276	5.20	-5.00	13.00	0.87
422.80	423.70	28439	125	150700	21900	74	-5.00	120.00	247.00	150.00
426.00	427.00	28441	30	285	140	122	-5.00	-5.00	9.10	1.40
434.00	435.00	28442	30	35	85	40	-5.00	-5.00	15.00	2.10
442.00	443.00	28443	35	15	40	124	-5.00	-5.00	2.30	0.94
450.00	451.00	28444	25	40	55	119	-5.00	-5.00	2.30	0.71
458.00	459.00	28445	25	5	60	41	6.00	-5.00	3.10	0.70
466.00	467.00	28446	25	-5	55	46	-5.00	-5.00	3.40	1.10
474.00	475.00	28447	30	-5	55	39	-5.00	-5.00	-2.00	0.66
482.00	483.00	28448	25	-5	45	32	-5.00	-5.00	4.00	0.86
490.00	491.00	28449	20	-5	85	59	-5.00	-5.00	8.90	0.70
494.80	495.10	28450	25	10	105	84	-5.00	-5.00	34.00	8.90
502.00	503.00	28451	30	-5	50	134	-5.00	-5.00	6.10	1.20
510.00	511.00	28452	20	-5	45	76	-5.00	-5.00	2.70	0.63
518.00	519.00	28453	35	-5	70	140	-5.00	-5.00	44.00	0.93
525.00	528.40	28454	35	-5	110	242	-5.00	-5.00	11.00	1.50
528.40	529.00	28455	35	10	50	1010	-5.00	-5.00	3.10	2.40

0220

151251

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ005 (CONTINUED)

002 ASSAYS

From	To	Number	TUNGSTEN	CHROMIUM
14.60	16.00	28301	-2.00	908
16.00	17.00	28302	22.00	625
18.00	19.00	28303	-2.00	280
20.00	21.00	28304	-2.00	200
22.00	23.00	28305	-2.00	200
24.00	25.40	28306	8.20	380
25.40	26.50	28307	8.30	4440
26.50	27.60	28308	0.00	0
27.60	29.00	28309	-2.00	2650
31.00	32.00	28310	-2.00	2150
34.00	35.00	28311	-2.00	2290
38.00	39.00	28312	-2.00	4480
42.00	43.00	28313	-2.00	2810
50.00	51.00	28314	-2.00	1770
58.00	59.00	28315	-2.00	2440
62.00	63.00	28316	-2.00	3730
64.00	65.00	28317	-2.00	3640
66.00	67.00	28318	-2.00	3680
67.00	68.00	28319	-2.00	3380
68.00	69.00	28321	-2.00	4210
69.00	69.90	28322	-2.00	3530
69.90	71.00	28323	-2.00	2330
72.00	74.30	28324	-2.00	670
74.30	75.00	28325	-2.00	4060
76.00	77.00	28326	-2.00	3730
77.90	79.30	28327	-2.00	3540
79.30	80.30	28328	-2.00	4220
80.30	81.20	28329	-2.00	3330
81.20	82.00	28330	-2.00	3650
82.00	83.00	28331	-2.00	3720
83.00	84.00	28332	-2.00	3940
84.00	85.00	28333	-2.00	3780
85.00	86.50	28334	-2.00	4060
90.00	91.00	28335	-2.00	2730
100.00	100.90	28336	-2.00	2930
107.00	108.00	28337	237.00	941
110.00	111.00	28338	-2.00	2840
112.10	113.00	28339	4.70	2810
114.00	115.00	28341	20.00	3820
122.00	123.00	28342	-2.00	809
130.00	131.00	28343	-2.00	2610
136.00	137.00	28344	-2.00	2180

TC20

13126 62

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ005 (CONTINUED)

002 ASSAYS

From	To	Number	TUNGSTEN	CHROMIUM
140.70	141.70	28345	-2.00	3370
144.20	144.80	28346	-2.00	2100
148.00	149.00	28347	-2.00	340
152.00	153.00	28348	-2.00	270
156.00	157.00	28349	-2.00	430
160.00	161.00	28350	-2.00	200
164.00	165.00	28351	-2.00	300
168.00	168.70	28352	5.20	200
172.00	173.00	28353	22.00	440
176.00	177.00	28354	7.70	280
178.20	179.00	28355	4.60	94
182.00	183.30	28356	-2.00	62
184.00	185.00	28357	-2.00	81
187.10	187.90	28358	-2.00	290
187.90	189.00	28359	-2.00	110
192.00	193.00	28361	-2.00	17
196.00	197.00	28362	-2.00	26
200.00	201.00	28363	-2.00	61
204.00	205.00	28364	-2.00	230
208.00	209.00	28365	-2.00	190
212.00	213.00	28366	-4.10	110
214.60	216.00	28367	18.00	120
216.00	217.00	28368	16.00	56
217.00	218.00	28369	47.00	34
218.00	219.00	28370	76.00	61
219.00	219.90	28371	45.00	53
219.90	221.00	28372	5.00	52
221.00	222.00	28373	14.00	84
222.00	223.00	28374	23.00	88
223.00	224.00	28375	346.00	47
224.00	225.00	28376	38.00	69
225.00	225.70	28377	6.20	58
225.70	227.00	28378	18.00	64
227.00	228.00	28379	10.00	56
228.00	229.00	28381	4.30	65
229.00	230.00	28382	-2.00	56
230.00	231.50	28383	-2.00	66
237.20	238.00	28384	13.00	13
238.00	239.50	28385	11.00	39
244.00	245.00	28386	-2.00	29
248.00	249.00	28387	-2.00	43
249.90	250.70	28388	17.00	85

02534

151253

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : MZ005 (CONTINUED)

002 ASSAYS

From	To	Number	TUNGSTEN	CHROMIUM
252.00	252.30	28389	-2.00	19
256.00	257.00	28390	-2.00	33
260.00	261.00	28391	4.90	380
264.00	265.00	28392	-2.00	551
268.00	269.00	28393	-2.00	450
272.00	273.00	28394	-2.00	85
276.00	277.00	28395	14.00	72
280.00	281.00	28396	-2.00	120
283.50	285.00	28397	82.00	86
285.00	286.00	28398	12.00	300
286.00	287.00	28399	19.00	370
287.00	288.00	28401	32.00	260
288.00	289.00	28402	24.00	84
289.00	290.00	28403	12.00	210
294.90	295.90	28404	2.70	180
295.90	296.90	28405	95.00	150
304.30	305.50	28406	57.00	817
305.50	306.50	28407	-2.00	1220
306.50	307.50	28408	5.40	1120
313.50	314.30	28409	63.00	1150
318.00	319.00	28410	56.00	480
322.60	323.20	28411	380.00	320
330.00	331.00	28412	66.00	570
338.00	339.00	28413	140.00	300
346.00	347.00	28414	46.00	130
354.00	355.00	28415	253.00	470
358.00	360.00	28416	94.00	500
368.20	368.80	28417	31.00	410
376.00	377.00	28418	56.00	380
377.00	378.00	28419	30.00	480
378.00	379.00	28421	13.00	500
379.00	380.00	28422	32.00	370
380.00	381.00	28423	75.00	360
381.00	382.00	28424	18.00	350
382.00	383.00	28425	34.00	512
383.00	384.00	28426	31.00	460
384.00	385.00	28427	32.00	370
385.00	386.00	28428	37.00	270
386.00	387.30	28429	61.00	330
389.00	390.00	28430	61.00	180
390.00	391.20	28431	40.00	130
398.00	399.00	28432	15.00	150

0230

15123A

R.G.C. Exploration Pty Ltd
DUNDAS
SURFACE DIAMOND DRILLHOLE : HZ005 (CONTINUED)

002 ASSAYS

From	To	Number	TUNGSTEN	CHROMIUM
402.80	404.00	28433	120.00	210
404.00	405.00	28434	10.00	130
405.00	406.60	28435	16.00	96
412.90	414.00	28436	49.00	25
414.00	415.00	28437	20.00	62
415.00	416.00	28438	38.00	43
422.80	423.70	28439	7.90	26
426.00	427.00	28441	75.00	100
434.00	435.00	28442	75.00	190
442.00	443.00	28443	12.00	120
450.00	451.00	28444	22.00	180
458.00	459.00	28445	80.00	360
466.00	467.00	28446	7.80	400
474.00	475.00	28447	-2.00	320
482.00	483.00	28448	58.00	450
490.00	491.00	28449	86.00	470
494.80	495.10	28450	27.00	567
502.00	503.00	28451	170.00	150
510.00	511.00	28452	10.00	190
518.00	519.00	28453	37.00	524
525.00	528.40	28454	45.00	230
528.40	529.00	28455	88.00	320

GC20
15126

APPENDIX 6

Analytical Results, Montezuma Drilling Programme, MZ005.

151257

NEUTRON ACTIVATION ANALYSIS

0250

NEUTRON ACTIVATION ANALYSIS REPORT

Date: 15-05-90

R.G.C TASMANIA SAMPLE Nos: T28001 - T28148
BECQUEREL JOB # 953
NOTE: - A NEGATIVE SIGN INDICATES "LESS THAN".
- RESULTS ARE IN PARTS PER MILLION (ppm) UNLESS OTHERWISE INDICATED.

ELEMENT	DL	# 28001	# 28002	# 28003	# 28004	# 28005	# 28006	# 28007	# 28008	# 28009	# 28010
ANTIMONY	.2	6.20	6.90	10.00	7.30	5.00	2.60	6.00	11.00	10.00	5.10
ARSENIC	2.0	24.00	23.00	30.00	16.00	-2.00	12.00	21.00	20.00	30.00	13.00
BARIUM	100.0	320.0	470.0	490.0	550.0	270.0	390.0	460.0	510.0	200.0	330.0
BROMINE	2.0	3.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	93.00	91.00	90.00	91.00	82.00	79.00	79.00	83.00	70.00	63.00
CAESIUM	1.0	14.00	15.00	14.00	17.00	9.30	23.00	27.00	26.00	23.00	25.00
CHROMIUM	5.0	210.0	210.0	220.0	220.0	170.0	210.0	220.0	240.0	340.0	300.0
COBALT	1.0	17.00	35.00	44.00	50.00	12.00	29.00	38.00	39.00	42.00	25.00
EUROPIUM	.5	1.70	2.00	1.90	1.90	1.40	1.80	1.60	1.40	1.80	1.50
GOLD, ppb	5.0	-5.0	-5.0	12.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	5.90	5.80	6.20	5.70	7.20	5.40	5.00	4.90	6.10	5.40
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	5.350	6.070	5.250	4.400	5.390	5.490	6.020	4.700	8.130	8.000
LANTHANUM	.5	47.00	42.00	43.00	44.00	39.00	39.00	39.00	40.00	33.00	29.00
LUTETIUM	.2	.67	.66	.63	.61	.50	.62	.59	.60	.59	.54
MOLYBDENUM	5.0	-5.0	5.2	6.6	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	2.900	3.200	3.300	3.600	1.400	2.500	3.500	3.400	1.900	2.100
RUBIDIUM	20.0	180.0	160.0	160.0	200.0	91.0	190.0	180.0	190.0	110.0	160.0
SAMARIUM	.20	10.00	11.00	10.00	10.00	8.20	8.80	8.70	8.90	8.70	7.30
SCANDIUM	.10	26.30	27.80	26.80	26.40	14.80	23.10	26.10	24.10	30.30	33.10
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	1.30	2.00	2.40	2.30	1.50	1.80	1.60	1.90	3.10	1.40
THORIUM	.5	15.00	13.00	14.00	14.00	12.00	12.00	13.00	13.00	8.60	6.90
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	3.10	2.70	-2.00	2.20	-2.00	-2.00	2.90	-2.00	-2.00	-2.00
YTTERBIUM	.5	3.50	3.80	3.70	3.50	2.50	3.40	3.40	3.20	3.30	3.00
ZINC	100.0	140.0	170.0	120.0	140.0	160.0	150.0	140.0	150.0	230.0	210.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

BECQUEREL LABORATORIES
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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 953

ELEMENT	DL	# 28011	# 28012	# 28013	# 28014	# 28015	# 28016	# 28017	# 28018	# 28019	# 28020
ANTIMONY	.2	4.30	2.10	3.40	2.90	31.50	20.10	9.40	24.90	2.50	-.20 mL-1
ARSENIC	2.0	33.00	25.00	16.00	89.00	22.00	13300.00	67.00	42.00	10.00	3.60
BARIUM	100.0	160.0	290.0	100.0	-100.0	110.0	-240.0	270.0	640.0	810.0	540.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	14.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	44.00	53.00	49.00	41.00	53.00	27.00	92.00	94.00	98.00	74.00
CAESIUM	1.0	16.00	11.00	14.00	18.00	12.00	3.70	11.00	39.00	30.00	19.00
CHROMIUM	5.0	310.0	260.0	240.0	230.0	310.0	100.0	230.0	230.0	240.0	490.0
COBALT	1.0	35.00	28.00	34.00	50.00	26.00	43.00	27.00	40.00	41.00	24.00
EUROPIUM	.5	1.50	1.50	1.40	1.20	1.30	.56	1.80	2.70	2.10	1.00
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-16.0	-5.0	-5.0	-5.0	76.0
HAFNIUM	1.0	4.10	5.30	4.00	4.00	4.70	-1.00	6.10	6.20	6.30	9.30
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	7.480	7.630	8.850	10.500	8.540	17.700	10.700	9.800	8.730	4.400
LANTHANUM	.5	21.00	25.00	24.00	20.00	26.00	13.00	46.00	46.00	46.00	38.00
LUTETIUM	.2	.48	.47	.45	.39	.49	.48	.72	.67	.70	.45
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	10.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	1.200	1.100	.920	.890	1.300	-1.100	2.400	3.400	3.700	2.300
RUBIDIUM	20.0	110.0	89.0	97.0	110.0	140.0	100.0	240.0	290.0	200.0	220.0
SAMARIUM	.20	5.60	6.30	6.40	5.30	6.60	3.40	11.00	11.00	11.00	8.10
SCANDIUM	.10	26.80	24.50	27.40	24.00	25.90	10.90	27.50	29.40	29.00	12.20
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-13.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-10.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	1.60	-1.00	-1.00	-1.00	1.60	2.60	1.90	3.30
THORIUM	.5	5.60	6.70	5.80	5.40	6.70	4.80	15.00	15.00	14.00	16.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-1300.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	3.40	3.50	-9.20	21.00	5.30	-2.00	4.70
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-5.80	-2.00	-2.00	3.10	4.10
YTTERBIUM	.5	2.40	2.80	2.50	2.20	2.60	-.50	3.80	3.70	3.90	2.50
ZINC	100.0	150.0	200.0	8000.0	210.0	2100.0	2400.0	280.0	430.0	180.0	100.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	680.0	-500.0	-500.0	560.0	550.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 953

ELEMENT	DL	# 28021	# 28022	# 28023	# 28024	# 28025	# 28026	# 28027	# 28028	# 28029	# 28030
ANTIMONY	.2	21.20	5.40	6.10	3.10	1.40	7.20	3.50	4.40	13.00	2.90
ARSENIC	2.0	23.00	27.00	15.00	12.00	10.00	13.00	7.70	-2.00	3.10	2.70
BARIUM	100.0	230.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	180.0	170.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	20.00	3.80	8.50	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CAESIUM	1.0	27.00	13.00	12.00	3.50	2.60	1.80	2.00	13.00	13.00	1.50
CHROMIUM	5.0	591.0	2400.0	2300.0	6820.0	2610.0	3530.0	3280.0	1970.0	2530.0	4540.0
COBALT	1.0	42.00	54.00	59.00	76.00	98.00	98.00	82.00	54.00	52.00	76.00
EUROPIUM	.5	.55	-.50	.52	-.50	-.50	-.50	-.50	-.50	-.50	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	1.60	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	6.750	7.020	9.160	5.030	5.210	5.000	5.570	7.320	7.140	5.490
LANTHANUM	.5	10.00	2.50	3.60	-.50	-.50	-.50	-.50	.70	1.20	-.50
LUTETIUM	.2	.32	.24	.27	-.20	-.20	-.20	-.20	-.20	-.20	-.20
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	1.300	.520	.210	-.200	-.200	-.200	-.200	.340	.570	-.200
RUBIDIUM	20.0	110.0	57.0	34.0	-20.0	20.0	-20.0	48.0	36.0	39.0	-20.0
SAMARIUM	.20	3.00	1.10	1.50	.31	.65	.45	-.20	.64	1.00	.50
SCANDIUM	.10	35.60	31.50	46.30	6.80	9.00	4.80	8.70	27.50	28.10	7.30
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	49.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	3.80	1.10	.61	-.50	-.50	-.50	-.50	-.50	-.50	-.50
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	1.70	1.20	1.70	-.50	-.50	-.50	-.50	-.50	.75	-.50
ZINC	100.0	180.0	160.0	180.0	180.0	120.0	130.0	160.0	140.0	120.0	160.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 953

ELEMENT	DL	# 28031 NO SAMPLE	# 28032	# 28033	# 28034	# 28035	# 28036	# 28037	# 28038	# 28039	# 28040
ANTIMONY	.2	.00	.84	14.00	1.60	2.70	.61	1.10	2.30	13.00	3.00
ARSENIC	2.0	.00	7.00	8.70	6.80	4.20	3.20	4.60	5.20	6.90	316.00
BARIUM	100.0	.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	420.0
BROMINE	2.0	.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	30.00
CAESIUM	1.0	.00	-1.00	12.00	5.50	3.70	-1.00	-1.00	-1.00	1.20	1.10
CHROMIUM	5.0	.0	4350.0	9090.0	6370.0	6070.0	6300.0	6810.0	4330.0	6460.0	54.0
COBALT	1.0	.00	128.00	170.00	98.00	119.00	111.00	113.00	114.00	84.00	17.00
EUROPIUM	.5	.00	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	1.10
GOLD, ppb	5.0	.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	230.0
HAFNIUM	1.0	.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	2.70
IRIDIUM, ppb	20.0	.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	.000	4.000	7.070	6.290	7.060	4.900	4.800	5.290	5.030	4.700
LANTHANUM	.5	.00	-.50	.59	-.50	.53	-.50	-.50	-.50	-.50	15.00
LUTETIUM	.2	.00	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	.34
MOLYBDENUM	5.0	.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	.000	-.200	.380	-.200	-.200	-.200	-.200	-.200	-.200	2.200
RUBIDIUM	20.0	.0	-20.0	31.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	33.0
SAMARIUM	.20	.00	.31	.31	.30	.31	-.20	-.20	-.20	-.20	4.40
SCANDIUM	.10	.00	4.50	13.60	13.10	16.10	5.40	5.20	5.20	4.10	13.60
SELENIUM	5.0	.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	.00	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	1.90
TIN	500.0	.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	2.60
YTTERBIUM	.5	.00	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	1.90
ZINC	100.0	.0	130.0	450.0	210.0	220.0	210.0	190.0	170.0	230.0	850.0
ZIRCONIUM	500.0	.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

0200

BECQUEREL JOB # 953

ELEMENT	DL	# 28041	# 28042	# 28043	# 28044	# 28045	# 28046	# 28047	# 28048	# 28049	# 28050
ANTIMONY	.2	50.80	19.00	7.50	14.00	5.70	4.80	4.60	60.80	15.00	23.90
ARSENIC	2.0	18.00	12.00	2.70	5.60	-2.00	5.20	-2.00	5.30	4.20	2.40
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	140.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CAESIUM	1.0	1.10	-1.00	10.00	9.10	-1.00	-1.00	-1.00	-1.00	1.30	7.60
CHROMIUM	5.0	9250.0	7000.0	4640.0	5110.0	5040.0	8420.0	6190.0	6460.0	9650.0	6510.0
COBALT	1.0	105.00	134.00	84.00	91.00	57.00	80.00	50.00	57.00	62.00	70.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	6.3	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	5.750	5.310	5.380	5.270	4.500	5.330	5.000	5.340	5.450	8.850
LANTHANUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	.52	-.50
LUTETIUM	.2	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	-.200	-.200	.250	-.200	-.200	-.200	-.200	-.200	.230
RUBIDIUM	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
SAMARIUM	.20	-.20	-.20	.29	.24	.24	.35	.35	.27	.41	.29
SCANDIUM	.10	5.20	5.80	14.30	10.90	5.70	8.10	7.30	7.30	7.00	16.20
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
ZINC	100.0	300.0	190.0	140.0	170.0	140.0	200.0	190.0	190.0	270.0	230.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

025A

BECQUEREL JOB # 953

ELEMENT	DL	# 28051	# 28052	# 28053	# 28054	# 28055	# 28056	# 28057	# 28058	# 28059	# 28060
ANTIMONY	.2	2.50	3.80	45.30	14.00	13.00	4.40	29.30	39.00	17.00	2.70
ARSENIC	2.0	2.40	13.00	782.00	11.00	24.00	2.80	3.90	7.10	2.60	292.00
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	100.0	-100.0	-100.0	-100.0	-100.0	500.0
BROMINE	2.0	-2.00	-2.00	2.50	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	2.00
CERIUM	2.0	2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	26.00
CAESIUM	1.0	-1.00	-1.00	10.00	5.50	3.60	-1.00	1.10	4.10	1.30	1.30
CHROMIUM	5.0	5010.0	4310.0	5820.0	4430.0	3260.0	3940.0	4890.0	6220.0	4600.0	48.0
COBALT	1.0	50.00	60.00	65.00	88.00	47.00	45.00	77.00	71.00	53.00	16.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	.89
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	220.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	2.20
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	5.210	4.400	7.000	5.560	4.500	4.100	5.160	5.730	4.800	4.400
LANTHANUM	.5	-.50	-.50	-.50	-.50	-.50	.51	-.50	-.50	-.50	14.00
LUTETIUM	.2	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	.30
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	-.200	.380	-.200	-.200	-.200	-.200	.260	-.200	1.900
RUBIDIUM	20.0	-20.0	-20.0	34.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	35.0
SAMARIUM	.20	.52	.36	.68	.27	.38	.38	-.20	.23	-.20	4.00
SCANDIUM	.10	5.50	4.70	17.70	15.10	7.20	5.30	4.50	20.00	10.00	12.50
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	2.20
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	3.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	1.60
ZINC	100.0	160.0	150.0	190.0	130.0	110.0	130.0	180.0	160.0	140.0	830.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

BECQUEREL LABORATORIES

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 953

ELEMENT	DL	# 28061	# 28062	# 28063	# 28064	# 28065	# 28066	# 28067	# 28068	# 28069	# 28070
ANTIMONY	.2	16.00	13.00	8.60	34.80	20.00	64.10	55.40	21.70	18.00	13.00
ARSENIC	2.0	-2.00	6.00	6.90	12.00	31.00	14.00	16.00	28.00	5.80	6.60
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CAESIUM	1.0	1.10	-1.00	2.10	2.00	2.60	1.80	2.10	1.70	2.50	2.00
CHROMIUM	5.0	2740.0	1520.0	2000.0	4510.0	3950.0	2720.0	4270.0	7070.0	3600.0	5670.0
COBALT	1.0	52.00	47.00	50.00	82.00	98.00	60.00	89.00	91.00	93.00	100.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	4.200	3.900	4.600	5.400	5.970	4.900	5.770	5.770	7.160	6.210
LANTHANUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
LUTETIUM	.2	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	-.200	-.200	-.200	-.200	-.200	.220	-.200	-.200	-.200
[illegible]IDIUM	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	20.0
SAMARIUM	.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20
SCANDIUM	.10	4.40	4.20	4.20	4.00	4.80	3.30	4.60	4.30	4.90	5.70
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
ZINC	100.0	120.0	100.0	120.0	150.0	160.0	140.0	170.0	200.0	180.0	220.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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BECQUEREL LABORATORIES

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 953

ELEMENT	DL	# 28071	# 28072	# 28073	# 28074	# 28075	# 28076	# 28077	# 28078	# 28079	# 28080
ANTIMONY	.2	17.00	8.10	87.70	73.50	28.90	7.80	8.00	15.00	8.80	-.20
ARSENIC	2.0	18.00	35.00	16.00	68.00	18.00	25.00	-2.00	29.00	7.60	2.90
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	430.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	71.00
CAESIUM	1.0	2.50	-1.00	6.00	1.30	-1.00	-1.00	2.00	2.30	1.40	18.00
CHROMIUM	5.0	4260.0	6490.0	4100.0	6140.0	5030.0	3470.0	6130.0	7240.0	5280.0	450.0
COBALT	1.0	96.00	82.00	73.00	101.00	90.00	36.00	103.00	102.00	123.00	24.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	.90
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	66.0
HAFNIUM	1.0	-1.00	-1.00	1.10	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	8.50
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	6.500	5.660	7.140	6.310	6.060	4.200	5.670	6.220	6.790	4.200
LANTHANUM	.5	-.50	-.50	1.80	.54	.56	-.50	-.50	-.50	-.50	36.00
LUTETIUM	.2	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	.46
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	-.200	-.200	.330	-.200	-.200	-.200	-.200	-.200	2.500
RUBIDIUM	20.0	-20.0	-20.0	21.0	-20.0	-20.0	-20.0	-20.0	26.0	-20.0	210.0
SAMARIUM	.20	-.20	-.20	.35	.54	1.00	.89	-.20	-.20	-.20	7.50
SCANDIUM	.10	4.60	5.60	6.10	6.70	4.30	6.10	6.60	5.50	3.80	11.50
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	3.90
THORIUM	.5	-.50	-.50	.61	-.50	-.50	-.50	-.50	-.50	-.50	14.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	4.10	-2.00	-2.00	-2.00	-2.00	-2.00	7.70
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	3.90
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	2.20
ZINC	100.0	190.0	200.0	160.0	200.0	150.0	160.0	170.0	230.0	160.0	-100.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 953

ELEMENT	DL	# 28081	# 28082	# 28083	# 28084	# 28085	# 28086	# 28087	# 28088	# 28089	# 28090
ANTIMONY	.2	22.40	13.00	8.30	4.00	1.00	8.50	4.10	5.00	.72	1.50
ARSENIC	2.0	3.70	16.00	19.00	6.60	-2.00	6.60	2.90	2.90	10.00	2.60
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	4.40	-2.00	3.80	-2.00	2.70
CAESIUM	1.0	-1.00	1.80	1.20	-1.00	1.70	9.30	3.10	7.00	1.40	1.80
CHROMIUM	5.0	5080.0	7110.0	5870.0	2990.0	3890.0	5460.0	6950.0	4180.0	4740.0	14900.0
COBALT	1.0	51.00	73.00	89.00	74.00	76.00	57.00	100.00	59.00	114.00	148.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.30	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	4.800	5.770	5.680	4.100	4.000	5.640	4.700	5.700	3.900	4.500
LANTHANUM	.5	-.50	.64	.58	-.50	-.50	.73	.53	2.60	.64	.67
LUTETIUM	.2	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	-.200	-.200	-.200	-.200	.220	-.200	-.200	-.200	-.200
RUBIDIUM	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	29.0	-20.0	45.0	-20.0	-20.0
SAMARIUM	.20	.21	.20	.39	.26	.21	.29	-.20	.52	.24	-.20
SCANDIUM	.10	6.80	8.70	7.90	3.50	7.70	7.00	7.00	4.60	8.20	4.40
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	31.0	-5.0	-5.0
SILVER*	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	.77	-.50	2.00	-.50	-.50
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
ZINC	100.0	170.0	200.0	240.0	-100.0	100.0	160.0	180.0	220.0	120.0	110.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 953

ELEMENT	DL	# 28091	# 28092	# 28093	# 28094	# 28095	# 28096	# 28097	# 28098	# 28099	# 28100
ANTIMONY	.2	4.60	6.10	3.90	12.00	6.70	9.10	7.90	5.10	7.30	3.00
ARSENIC	2.0	3.70	3.40	-2.00	6.00	5.00	5.00	6.40	7.60	7.70	308.00
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	460.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	4.00	-2.00	4.00	-2.00	-2.00	2.70	-2.00	-4.10	-2.00	30.00
CAESIUM	1.0	5.50	-1.00	-1.00	2.40	1.70	2.50	3.40	4.50	-1.00	-1.00
CHROMIUM	5.0	7750.0	7280.0	21400.0	7920.0	8950.0	9130.0	6460.0	31500.0	6590.0	52.0
COBALT	1.0	158.00	158.00	157.00	111.00	131.00	111.00	118.00	136.00	129.00	17.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	1.00
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	240.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	2.60
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	3.900	5.880	6.470	5.830	7.160	6.410	6.500	6.550	9.830	4.600
LANTHANUM	.5	.68	.70	.51	.55	-.50	-.50	.53	.58	-.50	15.00
LUTETIUM	.2	-.20	-.20	.21	-.20	-.20	-.20	-.20	.27	-.20	.34
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	-.200	-.200	-.200	-.200	-.200	-.200	-.200	-.200	2.200
RUBIDIUM	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
SAMARIUM	.20	.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	4.40
SCANDIUM	.10	5.80	4.10	6.10	7.20	6.70	10.50	7.30	9.30	5.70	13.40
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	2.10
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	1.80
ZINC	100.0	-100.0	-100.0	160.0	-100.0	120.0	120.0	100.0	210.0	-100.0	870.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 953

ELEMENT	DL	# 28101	# 28102	# 28103	# 28104	# 28105	# 28106	# 28107	# 28108	# 28109	# 28110
ANTIMONY	.2	33.10	16.00	72.00	11.00	7.10	5.60	18.00	6.60	4.70	1.30
ARSENIC	2.0	27.00	439.00	562.00	74.00	5.70	-2.00	3.70	-2.00	-2.00	-2.00
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	3.40	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CAESIUM	1.0	2.10	8.90	12.00	2.40	1.50	-1.00	-1.00	-1.00	-1.00	-1.00
CHROMIUM	5.0	7800.0	6580.0	2590.0	7500.0	6400.0	12100.0	6750.0	4780.0	9050.0	5970.0
COBALT	1.0	122.00	103.00	281.00	93.00	91.00	86.00	98.00	75.00	100.00	115.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	93.0	-20.0
IRON, %	.05	6.420	5.810	4.700	8.030	8.190	6.150	5.350	5.460	5.880	9.580
LANTHANUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
LUTETIUM	.2	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	-.200	-.200	-.200	-.200	-.200	-.200	-.200	-.200	-.200
RUBIDIUM	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	23.0	
SAMARIUM	.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20
SCANDIUM	.10	5.20	9.30	4.00	5.00	6.00	10.30	6.20	14.10	7.60	7.50
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
TIN	500.0	-500.0	-500.0	600.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
ZINC	100.0	-100.0	160.0	8700.0	140.0	-100.0	110.0	-100.0	-100.0	100.0	-100.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 953

ELEMENT	DL	# 28111	# 28112	# 28113	# 28114	# 28115	# 28116	# 28117	# 28118	# 28119	# 28120
ANTIMONY	.2	.94	.57	-.20	.32	-.20	.28	1.10	2.50	3.10	.26
ARSENIC	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	4.20	13.00	13.00	2.60
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	520.0
BROMINE	2.0	-2.00	-2.00	2.40	-2.00	2.10	-2.00	2.50	2.80	2.40	-2.00
CERIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	74.00
CAESIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	19.00
CHROMIUM	5.0	29700.0	6460.0	1020.0	8060.0	8790.0	7250.0	7110.0	8590.0	8820.0	480.0
COBALT	1.0	201.00	129.00	85.00	102.00	109.00	106.00	103.00	118.00	132.00	22.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	1.10
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	74.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	9.20
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	11.600	9.380	2.900	5.570	6.570	5.720	5.610	8.530	8.490	4.400
LANTHANUM	.5	-.50	-.50	-.50	.60	.52	.60	.71	.54	.51	38.00
[illegible]ETIUM	.2	.25	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	.43
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	-.200	-.200	-.200	-.200	-.200	-.200	-.200	-.200	1.800
RUBIDIUM	20.0	23.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	210.0
SAMARIUM	.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	7.80
SCANDIUM	.10	7.90	4.60	39.20	4.30	5.10	10.60	4.40	4.60	6.80	12.10
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER,	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	4.00
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	15.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	2.10	-2.00	-2.00	5.70
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	4.20
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	2.40
ZINC	100.0	430.0	-100.0	190.0	-100.0	130.0	100.0	-100.0	120.0	-100.0	100.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 953

ELEMENT	DL	# 28121	# 28122	# 28123	# 28124	# 28125	# 28126	# 28127	# 28128	# 28129	# 28130
ANTIMONY	.2	3.20	4.70	1.60	1.20	6.90	7.50	6.40	2.60	3.60	2.40
ARSENIC	2.0	11.00	30.00	2.00	-2.00	16.00	9.10	4.00	32.00	120.00	12.00
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	410.0
BROMINE	2.0	2.70	3.60	2.70	2.20	4.50	-2.00	-2.00	-2.00	-2.00	2.30
CERIUM	2.0	-2.00	5.70	-2.00	3.70	2.30	2.50	-2.00	-2.00	8.00	74.00
CAESIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	3.00	1.20	2.40	39.00
CHROMIUM	5.0	8230.0	5770.0	5220.0	210.0	4010.0	6120.0	7620.0	6340.0	7130.0	220.0
COBALT	1.0	127.00	74.00	95.00	55.00	104.00	75.00	119.00	196.00	181.00	34.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	1.60
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	3.20	-1.00	-1.00	-1.00	-1.00	-1.00	4.50
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	7.050	3.100	5.210	2.100	2.500	5.980	5.960	4.900	5.170	6.510
LANTHANUM	.5	1.20	3.30	.78	1.70	-.50	.72	.67	.61	4.00	37.00
LUTETIUM	.2	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	.64
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	-.200	-.200	-.200	-.200	-.200	-.200	-.200	-.200	2.700
[illegible]IDIUM	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	22.0	-20.0	22.0	48.0	300.0
SAMARIUM	.20	-.20	.25	.23	.59	-.20	.57	.77	.49	1.20	8.60
SCANDIUM	.10	6.80	4.60	6.50	14.70	3.90	3.90	5.40	5.70	6.20	28.40
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	3.10
THORIUM	.5	-.50	-.50	-.50	.71	.86	-.50	-.50	-.50	1.30	10.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	5.20	-2.00	-2.00	-2.00	3.50	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	-.50	-.50	-.50	.65	-.50	-.50	-.50	-.50	-.50	3.20
ZINC	100.0	110.0	-100.0	-100.0	-100.0	120.0	130.0	220.0	150.0	170.0	140.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 953

ELEMENT	DL	# 28131	# 28132	# 28133	# 28134	# 28135	# 28136	# 28137	# 28138	# 28139	# 28140
ANTIMONY	.2	8.00	8.20	5.60	5.70	3.90	2.90	2.30	2.30	3.10	.26
ARSENIC	2.0	17.00	27.00	17.00	10.00	16.00	16.00	20.00	3.90	-2.00	3.10
BARIUM	100.0	380.0	440.0	390.0	360.0	270.0	160.0	280.0	360.0	150.0	480.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	67.00	74.00	71.00	69.00	60.00	50.00	59.00	83.00	72.00	69.00
CAESIUM	1.0	16.00	20.00	21.00	27.00	12.00	13.00	15.00	33.00	10.00	19.00
CHROMIUM	5.0	220.0	200.0	200.0	190.0	170.0	150.0	150.0	200.0	220.0	480.0
COBALT	1.0	61.00	50.00	26.00	27.00	76.00	23.00	27.00	25.00	39.00	23.00
EUROPIUM	.5	1.60	1.70	1.50	1.40	1.20	1.30	1.60	1.90	3.30	1.00
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	61.0
HAFNIUM	1.0	4.60	4.30	4.70	4.70	4.10	3.20	4.00	4.30	3.80	8.50
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	4.100	5.920	5.480	6.240	8.340	5.620	5.310	6.450	12.700	4.400
LANTHANUM	.5	34.00	38.00	37.00	35.00	31.00	27.00	30.00	41.00	36.00	38.00
LUTETIUM	.2	.55	.59	.55	.61	.50	.45	.47	.61	.53	.47
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	2.800	2.800	3.200	3.100	2.200	1.700	2.100	3.000	1.400	1.600
RUBIDIUM	20.0	160.0	160.0	170.0	210.0	160.0	120.0	150.0	250.0	140.0	200.0
SAMARIUM	.20	7.70	8.50	8.50	7.70	6.70	6.00	6.60	8.70	7.80	7.70
SCANDIUM	.10	22.20	23.80	22.60	23.30	20.90	19.60	18.50	22.50	19.70	11.90
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	1.80	1.40	1.80	1.80	-1.00	1.10	-1.00	1.30	1.30	4.30
THORIUM	.5	12.00	12.00	12.00	12.00	11.00	9.10	10.00	13.00	10.00	15.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	540.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	5.90	6.40
URANIUM	2.0	-2.00	-2.00	-2.00	2.10	-2.00	2.90	2.40	2.40	-2.00	4.40
YTTERBIUM	.5	2.70	3.10	2.90	3.10	2.80	2.40	2.50	3.20	2.80	2.20
ZINC	100.0	420.0	890.0	560.0	150.0	150.0	520.0	290.0	150.0	210.0	120.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 953

ELEMENT	DL	# 28141	# 28142	# 28143	# 28144	# 28145	# 28146	# 28147	# 28148	# 28017x2	# 28027x2
ANTIMONY	.2	5.50	13.00	3.70	4.50	4.40	1.30	1.60	1.20	8.20	3.60
ARSENIC	2.0	-2.00	4.10	4.50	2.20	12.00	8.20	3.00	-2.00	44.00	8.00
BARIUM	100.0	-100.0	230.0	190.0	-100.0	480.0	200.0	-100.0	-100.0	320.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	62.00	55.00	79.00	69.00	90.00	47.00	66.00	27.00	87.00	-2.00
CAESIUM	1.0	9.30	11.00	8.90	12.00	40.00	14.00	13.00	8.70	10.00	-1.00
CHROMIUM	5.0	140.0	160.0	170.0	180.0	210.0	200.0	280.0	430.0	220.0	3290.0
COBALT	1.0	18.00	30.00	28.00	34.00	29.00	25.00	31.00	26.00	26.00	84.00
EUROPIUM	.5	1.30	1.20	1.00	1.40	2.00	1.30	.79	1.20	2.00	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	3.90	4.10	4.20	5.00	5.20	4.20	5.70	1.60	5.60	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	10.800	8.330	10.100	15.500	5.900	6.760	6.040	6.080	10.400	5.580
LANTHANUM	.5	32.00	27.00	40.00	36.00	46.00	24.00	35.00	14.00	45.00	-.50
LUTETIUM	.2	.46	.53	.55	.51	.65	.51	.50	.28	.73	-.20
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	1.200	1.900	1.300	1.600	3.600	.750	.940	.570	2.400	-.200
RUBIDIUM	20.0	130.0	190.0	120.0	240.0	300.0	59.0	51.0	27.0	250.0	-20.0
SAMARIUM	.20	6.90	6.10	7.80	8.10	10.00	5.60	5.70	4.00	10.00	.68
SCANDIUM	.10	17.60	22.20	21.30	23.40	24.60	23.90	26.80	27.90	26.90	8.80
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER*	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	1.50	1.30	1.70	2.40	1.60	1.40	1.30	-1.00	3.00	-1.00
THORIUM	.5	10.00	11.00	11.00	13.00	16.00	5.60	7.80	2.90	15.00	-.50
TIN	500.0	-500.0	-500.0	-500.0	1800.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	7.30	5.00	6.40	8.90	-2.00	-2.00	-2.00	-2.00	14.00	-2.00
URANIUM	2.0	3.40	3.30	4.30	3.10	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	2.30	2.60	2.60	3.10	3.30	2.70	2.90	1.80	3.60	-.50
ZINC	100.0	480.0	200.0	510.0	420.0	140.0	140.0	130.0	140.0	300.0	130.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

BTZ2

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151272

NEUTRON ACTIVATION ANALYSIS

0271

BECQUEREL JOB # 953

ELEMENT	DL	# 28055x2	# 28070x2	# 28085x2	# 28096x2	# 28126x2	# 28135x2
ANTIMONY	.2	13.00	12.00	1.20	8.80	6.80	3.70
ARSENIC	2.0	24.00	6.50	-2.00	4.40	8.10	17.00
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	-100.0	320.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	56.00
CAESIUM	1.0	3.20	2.10	1.20	2.50	1.10	12.00
CHROMIUM	5.0	3250.0	6900.0	4030.0	9630.0	5530.0	160.0
COBALT	1.0	47.00	101.00	77.00	112.00	70.00	79.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	1.30
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	3.90
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	4.600	6.230	4.100	6.390	5.490	8.690
LANTHANUM	.5	.52	-.50	-.50	-.50	.63	30.00
LUTETIUM	.2	-.20	-.20	-.20	-.20	-.20	.51
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	-.200	-.200	-.200	-.200	1.900
[illegible]IDIUM	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	160.0
SAMARIUM	.20	.35	-.20	-.20	-.20	.51	6.50
SCANDIUM	.10	7.20	5.50	7.90	10.50	3.70	21.10
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	1.40
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	11.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	4.00
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	2.70
ZINC	100.0	120.0	200.0	-100.0	130.0	110.0	150.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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151273 22 APR 1991

NEUTRON ACTIVATION ANALYSIS

EL 101/87 - DUNDAS

Re-submittal of core samples MZ001 to MZ004.

0272

NEUTRON ACTIVATION ANALYSIS REPORT

Date: 17-04-91

RGC, TASMANIA
BECQUEREL JOB 322

Sample	Au	Ir	Os	Pt	Ru	Pd	Rh
	All results in ppb						
T28202	1.0	4.5	<5	<20	<20	<10	<5
T28203	3.0	5.0	8	<20	<20	<10	<5
T28217	3.0	9.0	15	<20	43	<10	<5
T28218	<1.0	13	27	<20	46	<10	6
T28221	<1.0	4.4	9	<20	<20	<10	<5
T28224	1.0	13	11	<20	45	<10	8
T28273	40	1.0	<5	<50	<20	<30	<20
T28286	480	0.5	<5	<100	<20	<50	<30
T28287	1170	10	8	<500	<20	<50	<30

Note: Samples T28273, T28286 & T28287 are As-rich (1- 20%). Such high levels are difficult to separate completely from the PGE sulphides, hence the residues analysed are contaminated with As causing increased background and elevated D.L. The short-lived Rh, Pd & Pt radioisotopes are affected most, while the longer-lived Ir, Os & Ru radioisotopes can be counted after most of the As contamination has decayed.

D.L. for Pt are also adversely affected by high Au such as in samples T28286 & T28287.

After the contaminated PGE residues have decayed further, Pt & Pd will be determined by a suitable method; these results will be reported ASAP.

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NEUTRON ACTIVATION ANALYSIS

0275

NEUTRON ACTIVATION ANALYSIS REPORT

Date: 30-05-90

[redacted] TASMANIA SAMPLE Nos: T25022, T26201-T26207, T28149-T28289
BECQUEREL JOB # 982
NOTE: - A NEGATIVE SIGN INDICATES "LESS THAN".
- RESULTS ARE IN PARTS PER MILLION (ppm) UNLESS OTHERWISE INDICATED.
- ELEVATED DETECTION LIMITS FOR SOME ELEMENTS IN SOME SAMPLES DUE TO HIGH As AND Sb.
- ELEVATED DETECTION LIMITS FOR Mo DUE TO URANIUM FISSION.

NZ2

ELEMENT	DL	# 25022	# 26201	# 26202	# 26203	# 26204	# 26205	# 26206	# 26207	# 28149	# 28150
ANTIMONY	.2	81.50	7.70	7.30	23.20	5.40	5.20	2.30	10.00	1.90	2.10
ARSENIC	2.0	8300.00	35.00	42.00	32.00	13.00	10.00	6.20	9.00	3.90	2.70
BARIUM	100.0	-100.0	480.0	630.0	410.0	510.0	440.0	140.0	450.0	450.0	300.0
BROMINE	2.0	7.20	-2.00	-2.00	-2.00	-2.00	2.50	3.20	-2.00	-2.00	-2.00
CERIUM	2.0	10.00	140.00	190.00	200.00	170.00	140.00	110.00	130.00	87.00	57.00
CAESIUM	1.0	-1.00	6.50	7.70	7.10	10.00	10.00	3.00	5.40	27.00	15.00
CHROMIUM	5.0	15.0	120.0	310.0	370.0	88.0	85.0	22.0	23.0	200.0	290.0
COBALT	1.0	-1.00	1.00	-1.00	5.10	1.40	1.50	-1.00	1.80	35.00	31.00
EUROPIUM	.5	-.50	1.70	2.40	3.50	1.90	1.90	1.10	1.70	2.00	1.20
GOLD, ppb	5.0	3970.0	20.0	18.0	-5.0	7.8	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	6.70	7.30	7.40	7.10	6.10	4.90	6.20	5.50	4.60
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	2.300	2.000	1.400	1.600	1.500	2.500	.810	3.000	6.960	5.590
LANTHANUM	.5	5.40	74.60	94.00	102.00	89.80	72.30	58.40	84.90	42.00	28.00
LUTETIUM	.2	.25	.54	.59	.67	.66	.59	.49	.72	.63	.46
MOLYBDENUM	5.0	-5.0	-13.0	8.9	-5.0	-11.0	7.4	-10.0	-11.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	2.900	3.100	2.800	3.400	2.700	.470	2.500	2.700	1.100
RUBIDIUM	20.0	24.0	210.0	200.0	160.0	260.0	170.0	37.0	190.0	170.0	92.0
SAMARIUM	.20	1.20	10.00	14.00	17.00	12.00	10.00	7.30	10.00	10.00	6.70
SCANDIUM	.10	1.60	7.00	13.60	13.50	7.20	7.00	2.50	3.00	25.10	20.70
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	1.90	-1.00	1.50	1.80	1.70	1.20	-1.00	1.30	-1.00
THORIUM	.5	.76	21.00	25.00	23.00	24.00	23.00	17.00	22.00	13.00	6.70
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	7.00	2.00	5.40	6.20	3.90	5.50	5.90	-2.00	-2.00
YTTERBIUM	.5	-.50	2.70	3.10	3.50	3.40	3.10	2.60	3.70	3.50	2.40
ZINC	100.0	110.0	150.0	-100.0	160.0	-100.0	130.0	-100.0	130.0	200.0	210.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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151275

NEUTRON ACTIVATION ANALYSIS

0274

BECQUEREL JOB # 982

mz3

ELEMENT	DL	# 28151	# 28152	# 28153	# 28154	# 28155	# 28156	# 28157	# 28158	# 28159	# 28160
ANTIMONY	.2	3.40	3.20	3.90	3.30	10.00	2.80	3.50	22.10	3.70	-.20
ARSENIC	2.0	2.40	3.30	14.00	21.00	14.00	17.00	41.00	3350.00	13.00	4.00
BARIUM	100.0	440.0	560.0	420.0	270.0	900.0	290.0	110.0	290.0	320.0	710.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	5.20	-2.00	-2.00
CERIUM	2.0	82.00	91.00	50.00	48.00	91.00	47.00	35.00	75.00	68.00	92.00
CAESIUM	1.0	19.00	21.00	15.00	8.50	38.00	11.00	7.60	13.00	32.00	12.00
CHROMIUM	5.0	240.0	230.0	330.0	270.0	210.0	250.0	270.0	200.0	430.0	360.0
COBALT	1.0	37.00	32.00	31.00	39.00	21.00	26.00	58.00	153.00	36.00	35.00
EUROPIUM	.5	2.40	2.10	1.70	1.10	2.00	1.00	.92	1.50	1.60	1.40
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	10.0	-13.0	-5.0	270.0
HAFNIUM	1.0	6.50	7.50	4.80	4.60	6.30	5.00	4.10	3.80	4.70	9.30
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	6.800	6.760	6.180	8.200	5.230	5.770	11.100	14.100	6.780	5.920
LANTHANUM	.5	46.00	46.00	25.00	24.00	45.00	23.00	18.00	35.00	33.00	47.00
LUTETIUM	.2	.66	.68	.46	.44	.67	.43	.45	.63	.57	.59
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	2.700	2.400	1.100	.540	3.700	1.000	.220	.920	1.800	1.500
RUBIDIUM	20.0	150.0	140.0	100.0	67.0	220.0	75.0	40.0	180.0	150.0	100.0
SAMARIUM	.20	11.00	11.00	6.80	6.20	10.00	5.40	5.20	8.50	8.10	9.10
SCANDIUM	.10	26.30	24.80	26.30	22.50	25.10	18.40	19.40	22.20	30.40	13.80
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-10.00	-5.00	-5.00
TANTALUM	1.0	2.20	1.10	1.10	-1.00	1.50	-1.00	-1.00	-1.00	1.80	2.60
THORIUM	.5	12.00	14.00	8.40	6.40	13.00	7.80	6.40	12.00	6.80	18.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	38.00	-2.00	4.40	27.00	51.00	-2.00	4.60
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	2.30	-2.00	2.10	-2.00	-2.00	4.80
YTTERBIUM	.5	3.70	3.50	2.60	2.50	3.50	2.30	2.30	2.60	3.10	3.20
ZINC	100.0	190.0	210.0	140.0	210.0	140.0	1300.0	4900.0	2500.0	190.0	120.0
ZIRCONIUM	500.0	560.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

027

BECQUEREL JOB # 982

ELEMENT	DL	# 28161	# 28162	# 28163	# 28164	# 28165	# 28166	# 28167	# 28168	# 28169	# 28170
ANTIMONY	.2	5.30	.76	4.60	1.70	2.30	5.00	4.00	15.00	8.90	8.90 MZ3
ARSENIC	2.0	15.00	3.50	16.00	5.40	2.80	40.00	21.00	6.90	16.00	20.00
BARIUM	100.0	150.0	130.0	460.0	820.0	750.0	120.0	300.0	-100.0	-100.0	200.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	53.00	58.00	73.00	58.00	56.00	8.40	18.00	-2.00	6.50	24.00
CAESIUM	1.0	17.00	18.00	21.00	14.00	16.00	9.40	13.00	2.90	2.10	11.00
CHROMIUM	5.0	340.0	270.0	250.0	310.0	390.0	5190.0	736.0	2620.0	1950.0	1300.0
COBALT	1.0	38.00	21.00	30.00	38.00	35.00	34.00	94.00	46.00	69.00	59.00
EUROPIUM	.5	1.80	1.20	1.40	1.20	1.30	.61	.50	-.50	-.50	.52
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	4.90	5.10	4.90	4.00	4.10	-1.00	1.30	-1.00	-1.00	1.80
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	5.260	5.000	5.310	6.830	6.550	6.280	5.000	5.490	5.140	5.770
LANTHANUM	.5	26.00	29.00	35.00	29.00	26.00	3.90	9.00	1.00	3.00	12.00
LUTETIUM	.2	.45	.45	.50	.45	.47	.27	-.20	-.20	-.20	.23
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	1.000	1.400	2.600	2.500	2.500	.430	1.000	.220	-.200	1.000
RUBIDIUM	20.0	100.0	76.0	120.0	130.0	110.0	33.0	67.0	-20.0	-20.0	54.0
SAMARIUM	.20	6.50	6.40	8.20	6.70	6.10	1.40	1.70	1.40	1.70	2.20
SCANDIUM	.10	26.70	16.40	22.50	29.80	34.80	27.60	26.10	13.70	11.60	20.20
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	1.70	1.20	1.10	1.40	1.50	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	6.40	8.30	11.00	10.00	8.40	.80	2.60	-.50	-.50	4.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	2.20	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	2.70	2.50	2.80	2.60	2.60	1.40	1.20	-.50	.61	1.40
ZINC	100.0	150.0	130.0	210.0	310.0	270.0	250.0	140.0	190.0	120.0	130.0
ZIRCONIUM	500.0	-500.0	510.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 982

ELEMENT	DL	# 28171	# 28172	# 28173	# 28174	# 28175	# 28176	# 28177	# 28178	# 28179	# 28180
ANTIMONY	.2	11.00	53.60	7.70	71.50	5.80	35.80	58.40	4.40	2.00	4.80
ARSENIC	2.0	6.80	130.00	27.00	312.00	8.80	45.00	40.00	2.00	2.30	2710.00
BARIUM	100.0	170.0	-100.0	-100.0	-100.0	150.0	-100.0	-100.0	-100.0	-100.0	360.0
BROMINE	2.0	-2.00	-2.00	-2.00	5.00	-2.00	-2.00	-2.00	-2.00	-2.00	5.10
CERIUM	2.0	43.00	19.00	4.90	9.40	7.70	-2.00	-2.00	-2.00	-2.00	16.00
CAESIUM	1.0	18.00	16.00	8.20	14.00	10.00	-1.00	-1.00	1.90	-1.00	5.60
CHROMIUM	5.0	300.0	480.0	1650.0	1290.0	1540.0	4490.0	2260.0	2850.0	3640.0	270.0
COBALT	1.0	43.00	62.00	47.00	39.00	45.00	145.00	73.00	95.00	94.00	15.00
EUROPIUM	.5	.92	.70	-.50	.66	-.50	-.50	-.50	-.50	-.50	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	638.0
HAFNIUM	1.0	2.40	1.30	-1.00	-1.00	1.60	-1.00	-1.00	-1.00	-1.00	1.20
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	5.640	6.190	7.080	10.400	7.620	4.800	4.200	4.900	5.000	12.700
LANTHANUM	.5	20.00	9.40	2.80	5.20	4.40	-.50	-.50	-.50	-.50	10.00
LUTETIUM	.2	.38	.27	-.20	.25	.28	-.20	-.20	-.20	-.20	-.20
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	2.000	1.400	.440	.530	.370	-.200	-.200	-.200	-.200	-.540
RUBIDIUM	20.0	94.0	92.0	35.0	61.0	23.0	-20.0	-20.0	-20.0	-20.0	46.0
SAMARIUM	.20	5.00	2.30	1.10	1.50	1.70	-.20	-.20	.21	-.20	2.30
SCANDIUM	.10	26.00	25.80	32.30	29.80	41.20	7.00	3.90	7.00	5.50	5.90
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	1.10	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	6.60	3.20	1.30	1.30	1.80	-.50	-.50	-.50	-.50	1.70
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	20.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	2.00	1.30	1.30	1.20	1.60	-.50	-.50	-.50	-.50	.60
ZINC	100.0	140.0	140.0	170.0	260.0	210.0	200.0	130.0	160.0	150.0	-100.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

BECQUEREL LABORATORIES

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 982

ELEMENT	DL	# 28181	# 28182	# 28183	# 28184	# 28185	# 28186	# 28187	# 28188	# 28189	# 28190
ANTIMONY	.2	.81	8.20	.62	10.00	35.90	7.60	7.20	15.00	2.40	5.80 M23
ARSENIC	2.0	3.60	12.00	-2.00	-2.00	10.00	61.00	8.20	20.00	-2.00	-2.00
BARIUM	100.0	-100.0	-100.0	250.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	-2.00	7.20	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CAESIUM	1.0	-1.00	-1.00	6.80	2.00	10.00	2.50	3.20	2.70	1.40	8.80
CHROMIUM	5.0	3960.0	370.0	110.0	1630.0	2840.0	4070.0	5350.0	4090.0	4080.0	6220.0
COBALT	1.0	43.00	30.00	12.00	48.00	54.00	28.00	48.00	53.00	53.00	125.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	4.600	3.600	2.900	4.400	6.560	4.900	5.660	5.860	5.390	6.480
LANTHANUM	.5	-.50	.56	4.70	-.50	1.00	-.50	-.50	.59	.72	1.00
LUTETIUM	.2	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	-.200	.700	-.200	-.200	-.200	-.200	-.200	-.200	-.200
RUBIDIUM	20.0	-20.0	-20.0	48.0	-20.0	25.0	-20.0	-20.0	-20.0	-20.0	22.0
SAMARIUM	.20	-.20	.23	.48	.23	.33	.38	-.20	.29	.21	.21
SCANDIUM	.10	6.00	2.10	6.50	9.30	16.60	13.70	13.30	11.00	17.70	22.90
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	-.50	-.50	2.20	-.50	-.50	-.50	-.50	-.50	-.50	-.50
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
ZINC	100.0	150.0	-100.0	-100.0	-100.0	110.0	140.0	210.0	220.0	190.0	230.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 982

ELEMENT	DL	# 28191	# 28192	# 28193	# 28194	# 28195	# 28196	# 28197	# 28198	# 28199	# 28200
ANTIMONY	.2	89.50	1400.00	90.70	49.00	259.00	327.00	65.70	145.00	474.00	3.40
ARSENIC	2.0	6.00	130.00	930.00	1060.00	1400.00	2610.00	1730.00	7180.00	558.00	1190.00
BARIUM	100.0	-100.0	-200.0	-100.0	-100.0	160.0	-100.0	-100.0	-240.0	-100.0	910.0
BROMINE	2.0	-2.00	4.00	3.40	2.10	4.20	5.10	4.10	11.00	3.70	2.70
CERIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-5.20	-2.00	18.00
CAESIUM	1.0	2.30	-1.00	4.90	7.20	47.00	35.00	1.90	3.70	2.20	-1.00
CHROMIUM	5.0	5420.0	2620.0	3890.0	4320.0	8750.0	6880.0	11200.0	10400.0	4190.0	190.0
COBALT	1.0	118.00	140.00	181.00	208.00	118.00	147.00	172.00	655.00	75.00	8.80
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	.88	-.50	-.50	.58
GOLD, ppb	5.0	-5.0	-13.0	-5.0	-5.0	-5.0	-5.0	-5.0	-14.0	-5.0	380.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	6.150	5.060	11.900	14.100	11.500	8.600	18.700	32.700	6.190	2.300
LANTHANUM	.5	-.50	-.50	.76	.77	-.50	.55	.90	.85	.54	11.00
LUTETIUM	.2	-.20	-.20	-.20	-.20	.26	-.20	.22	-.20	.28	.24
MOLYBDENUM	5.0	-5.0	-11.0	-5.0	-5.0	-5.0	-5.0	-5.0	-14.0	-5.0	11.0
POTASSIUM, %	.2	-.200	2.200	-.200	.250	1.100	1.100	-.200	-.580	.320	1.200
RUBIDIUM	20.0	-20.0	-20.0	22.0	45.0	120.0	91.0	-20.0	81.0	-20.0	37.0
SAMARIUM	.20	-.20	-.20	.38	.48	.34	.28	.49	-.20	.26	2.60
SCANDIUM	.10	15.70	14.70	13.10	10.40	21.50	12.60	4.10	3.40	4.90	9.20
SELENIUM	5.0	-5.0	-11.0	-5.0	-5.0	-5.0	-5.0	-5.0	-13.0	-5.0	-5.0
SILVER*	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-12.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	-.50	-.50	-.50	-.50	.63	-.50	-.50	-.50	-.50	2.20
TIN	500.0	-500.0	-1200.0	-500.0	-500.0	-500.0	-500.0	-500.0	-1300.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-4.40	2.60	-2.00	-2.00	-2.00	-2.00	-5.20	-2.00	3.30
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	.92
ZINC	100.0	180.0	120.0	160.0	150.0	270.0	210.0	210.0	270.0	150.0	1300.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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BECQUEREL LABORATORIES

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 982

ELEMENT	DL	# 28201	# 28202	# 28203	# 28204	# 28205	# 28206	# 28207	# 28208	# 28209	# 28210
ANTIMONY	.2	20.70	7.10	29.70	114.00	88.00	6.60	10.00	3.30	20.90	1.70
ARSENIC	2.0	62.00	11.00	74.00	67.00	70.00	24.00	8.30	-2.00	30.00	3.50
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	17.00	-2.00	-2.00	-2.00	-2.00
CAESIUM	1.0	9.20	10.00	10.00	15.00	2.40	47.00	1.70	-1.00	-1.00	3.50
CHROMIUM	5.0	16200.0	11100.0	9240.0	3420.0	2070.0	480.0	17500.0	4550.0	6070.0	9590.0
COBALT	1.0	60.00	47.00	76.00	52.00	25.00	60.00	103.00	66.00	60.00	66.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	3.60	-1.00	-1.00	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	6.150	5.790	5.560	5.650	5.300	10.000	4.800	3.900	4.200	7.890
LANTHANUM	.5	.78	.67	-.50	.51	-.50	10.00	-.50	.73	-.50	-.50
LUTETIUM	.2	.25	-.20	-.20	-.20	-.20	.39	.23	-.20	-.20	-.20
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	-.200	.200	.360	.290	1.200	-.200	-.200	-.200	-.200
RUBIDIUM	20.0	26.0	32.0	39.0	49.0	-20.0	100.0	-20.0	-20.0	-20.0	-20.0
SAMARIUM	.20	.38	.48	.31	.43	.54	2.30	-.20	.26	-.20	.38
SCANDIUM	.10	13.40	10.40	10.00	7.50	6.90	19.00	4.00	3.30	3.50	8.30
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	-.50	.53	-.50	-.50	-.50	1.80	-.50	.57	-.50	-.50
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	2.20	-.50	-.50	-.50	-.50
ZINC	100.0	330.0	240.0	240.0	140.0	-100.0	160.0	170.0	100.0	110.0	150.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 982

ELEMENT	DL	# 28211	# 28212	# 28213	# 28214	# 28215	# 28216	# 28217	# 28218	# 28219	# 28220
ANTIMONY	.2	1.50	1.30	.76	.77	1.40	1.00	1.40	1.90	11.00	3.60
ARSENIC	2.0	5.20	2.60	2.90	-2.00	3.80	-2.00	3.10	-2.00	10.00	1240.00
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	980.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	2.30
CERIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	4.70	-2.00	20.00
CAESIUM	1.0	3.60	3.00	1.70	2.40	11.00	3.50	1.80	4.20	3.00	1.00
CHROMIUM	5.0	5410.0	5580.0	3640.0	21900.0	2930.0	4810.0	23700.0	19600.0	8080.0	190.0
COBALT	1.0	82.00	107.00	119.00	135.00	91.00	112.00	151.00	126.00	108.00	10.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	.65
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	6.9	-5.0	-5.0	390.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	4.400	3.800	3.900	5.760	4.000	5.590	7.500	5.880	4.800	2.400
LANTHANUM	.5	1.20	.51	.70	.84	1.10	1.20	.75	1.20	.90	11.00
LUTETIUM	.2	-.20	-.20	-.20	.29	-.20	-.20	.24	.25	-.20	.28
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	14.0
POTASSIUM, %	.2	-.200	-.200	-.200	-.200	-.200	-.200	-.200	-.200	-.200	1.030
RUBIDIUM	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	30.0
SAMARIUM	.20	.26	-.20	-.20	-.20	.23	.25	-.20	-.20	.21	2.80
SCANDIUM	.10	13.60	3.90	5.80	5.30	17.30	6.40	5.70	8.50	8.90	10.00
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	2.20
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	2.10
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	1.00
ZINC	100.0	160.0	110.0	-100.0	170.0	-100.0	-100.0	160.0	190.0	140.0	1400.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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BECQUEREL LABORATORIES

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 982

ELEMENT	DL	# 28221	# 28222	# 28223	# 28224	# 28225	# 28226	# 28227 m23	# 28228 m24	# 28229	# 28230
ANTIMONY	.2	5.50	1.50	6.00	2.30	.34	.46	.34	14.00	3.60	31.80
ARSENIC	2.0	17.00	4.30	6.60	3.20	-2.00	-2.00	-2.00	18.00	11.00	97.00
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	870.0	1100.0	700.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	5.10	-2.00	-2.00	2.10	-2.00	3.60	3.70	58.00	69.00	77.00
CAESIUM	1.0	3.10	3.30	1.40	1.30	3.20	11.00	3.60	10.00	15.00	19.00
CHROMIUM	5.0	13300.0	6300.0	4960.0	11400.0	4280.0	3670.0	4340.0	140.0	200.0	150.0
COBALT	1.0	280.00	132.00	128.00	125.00	106.00	120.00	117.00	5.50	7.10	11.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	.72	1.20	1.70
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	6.4	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	1.40	2.60	3.80	3.70	3.50
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	7.190	6.090	6.040	6.400	3.800	4.300	6.780	2.000	3.100	6.780
LANTHANUM	.5	2.50	.59	1.00	.72	1.00	1.60	2.20	33.00	36.00	37.00
LUTETIUM	.2	-.20	-.20	-.20	-.20	-.20	-.20	-.20	.32	.58	.73
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	11.0	-5.0	-14.0
POTASSIUM, %	.2	-.200	-.200	-.200	-.200	-.200	-.200	-.200	2.800	2.600	2.600
RUBIDIUM	20.0	-20.0	-20.0	-20.0	20.0	-20.0	-20.0	-20.0	160.0	180.0	200.0
SAMARIUM	.20	.34	-.20	.25	-.20	.35	.45	.44	5.00	6.70	7.80
SCANDIUM	.10	7.00	8.60	6.10	5.60	20.30	3.50	7.20	12.40	15.00	14.70
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.30	-1.00	1.10
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	3.00	4.40	12.00	13.00	12.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	2.20
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	3.50	4.60	7.80
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	.54	.55	1.70	3.70	3.50
ZINC	100.0	190.0	110.0	-100.0	110.0	120.0	120.0	170.0	-100.0	170.0	560.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 982

ELEMENT	DL	# 28231	# 28232	# 28233	# 28234	# 28235	# 28236	# 28237	# 28238	# 28239	# 28240
ANTIMONY	.2	2.70	2.30	1.50	3.50	1.70	2.80	3.20	2.30	3.70	5.00
ARSENIC	2.0	29.00	17.00	15.00	34.00	14.00	21.00	32.00	21.00	19.00	2670.00
BARIUM	100.0	810.0	900.0	800.0	810.0	860.0	770.0	660.0	680.0	690.0	400.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	2.10	2.00	3.40
CERIUM	2.0	76.00	53.00	64.00	63.00	68.00	73.00	45.00	78.00	66.00	15.00
CAESIUM	1.0	21.00	18.00	18.00	21.00	20.00	19.00	18.00	14.00	15.00	6.20
CHROMIUM	5.0	160.0	160.0	170.0	140.0	160.0	150.0	140.0	130.0	130.0	260.0
COBALT	1.0	13.00	9.10	6.00	13.00	19.00	5.30	7.50	4.40	22.00	15.00
EUROPIUM	.5	1.40	1.00	1.70	1.00	1.30	1.30	1.00	1.00	1.10	.54
GOLD, ppb	5.0	-5.0	-5.0	-5.0	6.5	-5.0	8.4	6.2	-5.0	5.7	543.0
HAFNIUM	1.0	3.80	4.30	4.00	3.80	3.80	3.90	3.90	3.80	3.50	1.40
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	5.610	3.600	3.000	3.600	2.700	2.800	3.300	2.800	1.800	12.500
LANTHANUM	.5	42.00	25.00	39.00	33.00	37.00	38.00	26.00	41.00	35.00	10.00
LUTETIUM	.2	.66	.60	.66	.55	.54	.58	.59	.39	.41	-.20
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	5.3	-5.0	-5.0
POTASSIUM, %	.2	2.900	2.900	2.600	2.900	2.900	2.600	2.500	2.600	2.600	-.200
RUBIDIUM	20.0	190.0	190.0	160.0	180.0	180.0	160.0	150.0	160.0	170.0	30.0
SAMARIUM	.20	8.00	5.80	9.30	6.00	7.40	8.00	5.70	7.30	6.90	2.30
SCANDIUM	.10	15.10	15.30	14.00	14.60	15.30	14.90	14.00	13.80	14.00	5.90
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	1.00	1.30	-1.00	-1.00	-1.00	1.10	1.10	1.10
THORIUM	.5	13.00	14.00	12.00	14.00	13.00	14.00	13.00	13.00	12.00	2.70
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	2.80	-2.00	-2.00	-2.00	2.20	-2.00	14.00
URANIUM	2.0	4.20	4.80	2.80	4.80	4.90	4.20	4.90	3.10	4.00	-2.00
YTTERBIUM	.5	3.40	3.30	3.70	3.00	3.10	3.10	2.80	2.10	2.10	.50
ZINC	100.0	560.0	290.0	260.0	260.0	260.0	230.0	270.0	190.0	250.0	-100.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 982

ELEMENT	DL	# 28241	# 28242	# 28243	# 28244	# 28245	# 28246	# 28247	# 28248	# 28249	# 28250
ANTIMONY	.2	5.90	8.30	2.80	3.20	3.20	2.80	3.40	8.10	2.60	2.90 mcy
ARSENIC	2.0	24.00	41.00	19.00	25.00	38.00	15.00	78.00	32.00	27.00	52.00
BARIUM	100.0	700.0	610.0	610.0	590.0	400.0	480.0	360.0	480.0	490.0	590.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	83.00	67.00	60.00	62.00	58.00	64.00	61.00	65.00	62.00	67.00
CAESIUM	1.0	17.00	15.00	14.00	17.00	17.00	18.00	16.00	15.00	16.00	18.00
CHROMIUM	5.0	140.0	110.0	120.0	84.0	92.0	110.0	96.0	110.0	110.0	99.0
COBALT	1.0	38.00	25.00	19.00	16.00	20.00	20.00	23.00	19.00	21.00	24.00
EUROPIUM	.5	1.20	1.00	1.00	.87	.87	1.10	1.00	1.10	1.10	1.10
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	7.3
HAFNIUM	1.0	4.00	3.40	3.70	3.30	3.30	3.60	3.60	3.60	3.60	3.80
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	2.800	2.800	3.800	3.700	4.800	4.500	4.200	4.300	4.300	4.400
LANTHANUM	.5	43.00	35.00	30.00	31.00	30.00	33.00	31.00	33.00	31.00	34.00
LUTETIUM	.2	.43	.43	.45	.44	.43	.45	.47	.49	.47	.47
MOLYBDENUM	5.0	-7.7	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-6.2	-5.0	-5.0
POTASSIUM, %	.2	3.200	2.500	2.400	2.600	2.100	2.500	2.300	2.500	2.600	2.900
RUBIDIUM	20.0	190.0	150.0	150.0	140.0	140.0	160.0	140.0	160.0	140.0	160.0
SAMARIUM	.20	7.80	6.70	6.10	6.20	5.80	6.50	6.30	6.60	6.30	6.70
SCANDIUM	.10	15.60	14.00	16.20	13.00	13.40	14.40	14.50	15.00	15.00	14.90
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	1.30	1.20	1.40	1.50	1.10	1.20	1.50	1.50	1.20	-1.00
THORIUM	.5	14.00	12.00	11.00	11.00	11.00	12.00	12.00	12.00	13.00	13.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	2.40	-2.00	-2.00	2.60	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	5.60	3.60	3.00	-2.00	2.90	3.10	2.60	2.60	3.70	2.60
YTTERBIUM	.5	2.30	2.30	2.40	2.30	2.30	2.60	2.40	2.60	2.50	2.40
ZINC	100.0	300.0	250.0	170.0	420.0	100.0	210.0	160.0	370.0	340.0	310.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 982

ELEMENT	DL	# 28251	# 28252	# 28253	# 28254	# 28255	# 28256	# 28257	# 28258	# 28259	# 28260
ANTIMONY	.2	5.00	3.90	3.00	3.20	12.00	7.90	8.00	6.80	5.40	3.80 MCL
ARSENIC	2.0	26.00	40.00	29.00	37.00	38.00	42.00	170.00	7.20	30.00	1320.00
BARIUM	100.0	430.0	570.0	450.0	330.0	390.0	380.0	110.0	330.0	360.0	1000.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	2.30
CERIUM	2.0	63.00	71.00	65.00	61.00	64.00	61.00	28.00	67.00	67.00	18.00
CAESIUM	1.0	19.00	24.00	36.00	31.00	34.00	22.00	3.00	19.00	28.00	1.60
CHROMIUM	5.0	110.0	110.0	110.0	98.0	110.0	96.0	91.0	110.0	110.0	200.0
COBALT	1.0	19.00	22.00	18.00	21.00	19.00	18.00	66.00	34.00	19.00	11.00
EUROPIUM	.5	1.10	1.20	1.00	1.10	1.10	1.00	.70	1.30	1.20	.75
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	6.1	8.2	-5.0	-5.0	6.2	410.0
HAFNIUM	1.0	3.80	3.80	3.50	3.40	3.40	3.40	2.10	3.90	3.50	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	4.200	3.700	3.400	3.800	4.000	3.700	16.600	9.630	6.400	2.500
LANTHANUM	.5	32.00	36.00	33.00	32.00	34.00	32.00	18.00	36.00	34.00	12.00
LUTETIUM	.2	.49	.51	.46	.47	.48	.48	.25	.49	.49	.27
MOLYBDENUM	5.0	-7.9	8.4	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	8.5
POTASSIUM, %	.2	2.600	3.400	3.000	2.800	2.900	3.200	-.200	2.400	2.700	1.600
RUBIDIUM	20.0	160.0	190.0	210.0	240.0	280.0	250.0	75.0	370.0	540.0	48.0
SAMARIUM	.20	6.50	7.10	6.50	6.40	6.60	6.30	3.60	7.00	6.70	3.00
SCANDIUM	.10	14.60	16.20	14.80	14.40	15.50	14.50	7.10	15.30	15.50	10.30
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	9.10	-5.00	-5.00	-5.00
TANTALUM	1.0	1.30	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	12.00	14.00	13.00	12.00	13.00	12.00	6.70	13.00	13.00	2.20
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	710.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	34.00	3.20	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	3.10	3.10	3.90	3.10	-2.00	3.60	3.70	-2.00
YTTERBIUM	.5	2.50	2.60	2.50	2.40	2.60	2.40	1.40	2.50	2.50	1.20
ZINC	100.0	340.0	510.0	210.0	400.0	170.0	290.0	2700.0	550.0	690.0	1500.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 982

ELEMENT	DL	# 28261	# 28262	# 28263	# 28264	# 28265	# 28266	# 28267	# 28268	# 28269	# 28270
ANTIMONY	.2	10.00	8.40	10.00	10.00	4.20	18.00	19.00	32.00	13.00	5.50
ARSENIC	2.0	64.00	38.00	61.00	42.00	52.00	40.00	92.00	5720.00	2180.00	25.00
BARIUM	100.0	440.0	380.0	490.0	450.0	380.0	400.0	270.0	200.0	-100.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	11.00	3.70	-2.00
CERIUM	2.0	54.00	52.00	68.00	69.00	65.00	61.00	58.00	83.00	21.00	87.00
CAESIUM	1.0	27.00	23.00	33.00	32.00	50.00	15.00	12.00	8.50	-1.00	1.90
CHROMIUM	5.0	100.0	100.0	91.0	120.0	99.0	110.0	100.0	47.0	72.0	150.0
COBALT	1.0	28.00	25.00	27.00	18.00	63.00	25.00	28.00	120.00	163.00	53.00
EUROPIUM	.5	.80	.90	1.20	1.10	1.50	1.20	1.30	1.20	-.50	1.50
GOLD, ppb	5.0	-5.0	-5.0	5.7	-5.0	-5.0	-5.0	-5.0	-10.0	53.0	28.0
HAFNIUM	1.0	3.20	3.40	3.20	3.40	3.10	3.90	3.40	2.60	2.30	3.90
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	3.400	3.700	3.900	4.000	5.670	7.390	10.700	10.500	13.500	13.500
LANTHANUM	.5	27.00	26.00	33.00	35.00	32.00	32.00	30.00	42.00	11.00	45.00
LUTETIUM	.2	.47	.45	.51	.50	.51	.48	.50	1.00	.50	.73
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	3.100	2.900	3.100	3.500	2.500	2.600	1.900	2.400	-.200	-.200
RUBIDIUM	20.0	350.0	320.0	330.0	400.0	480.0	290.0	260.0	260.0	35.0	40.0
SAMARIUM	.20	5.40	5.20	6.50	6.70	6.40	5.80	6.10	6.30	2.30	8.80
SCANDIUM	.10	14.30	14.10	14.50	15.70	14.80	15.40	13.70	10.00	10.90	18.40
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	27.00	-5.00
TANTALUM	1.0	1.20	1.10	-1.00	1.00	-1.00	1.50	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	11.00	12.00	12.00	13.00	11.00	12.00	10.00	17.00	8.70	11.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	2.60	3.80	-2.00	-2.00	10.00	8.80
URANIUM	2.0	3.90	3.30	2.90	3.80	3.20	4.20	4.60	-2.00	4.00	-2.00
YTTERBIUM	.5	2.20	2.30	2.50	2.60	2.40	2.50	2.20	2.60	1.60	3.40
ZINC	100.0	180.0	160.0	170.0	120.0	160.0	520.0	1700.0	330.0	3300.0	270.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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BECQUEREL LABORATORIES

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NEUTRON ACTIVATION ANALYSIS

0280

BECQUEREL JOB # 982

ELEMENT	DL	# 28271	# 28272	# 28273	# 28274	# 28275	# 28276	# 28277	# 28278	# 28279	# 28280
ANTIMONY	.2	5.70	59.10	65.10	89.30	3.50	3.50	2.70	3.00	2.60	5.00
ARSENIC	2.0	23.00	206.00	13300.00	9620.00	70.00	51.00	7.70	20.00	17.00	2870.00
BARIUM	100.0	-100.0	-100.0	-350.0	-260.0	430.0	350.0	120.0	130.0	110.0	520.0
BROMINE	2.0	-2.00	-2.00	29.00	18.00	-2.00	-2.00	-2.00	-2.00	-2.00	5.60
CERIUM	2.0	100.00	53.00	-6.90	41.00	85.00	81.00	77.00	79.00	75.00	18.00
CAESIUM	1.0	1.30	1.40	-2.10	3.10	11.00	32.00	25.00	22.00	23.00	7.80
CHROMIUM	5.0	92.0	120.0	65.0	60.0	44.0	180.0	170.0	180.0	170.0	280.0
COBALT	1.0	35.00	182.00	445.00	258.00	12.00	28.00	28.00	51.00	80.00	17.00
EUROPIUM	.5	1.10	.80	-.50	1.10	1.00	1.70	1.50	1.90	1.60	.65
GOLD, ppb	5.0	-5.0	10.0	-21.0	-15.0	-5.0	-5.0	-5.0	-5.0	-5.0	706.0
HAFNIUM	1.0	2.80	3.20	-1.00	-1.00	5.30	5.20	4.50	5.30	4.70	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-45.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	6.360	13.800	15.200	13.600	6.030	6.820	6.990	6.700	6.260	13.500
LANTHANUM	.5	52.50	28.00	2.60	28.00	41.00	38.00	37.00	37.00	36.00	10.00
LUTETIUM	.2	.48	.43	.81	.82	.53	.70	.62	.59	.61	.28
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-13.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	.320	-.200	-.860	.620	2.500	2.300	1.500	1.200	1.500	.800
RUBIDIUM	20.0	51.0	-20.0	80.0	100.0	230.0	310.0	280.0	220.0	290.0	64.0
SAMARIUM	.20	8.10	4.90	1.30	4.10	5.50	8.30	8.00	8.10	8.00	2.30
SCANDIUM	.10	11.60	14.40	11.80	9.40	10.60	22.90	22.90	23.30	22.90	6.30
SELENIUM	5.0	-5.0	-5.0	-18.0	-13.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-17.00	-11.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	2.20	-1.00	-1.00	-1.00	1.20	2.40	1.50	1.40	-1.00
THORIUM	.5	6.70	7.40	5.50	7.80	12.00	12.00	11.00	13.00	12.00	2.50
TIN	500.0	-500.0	-500.0	-2000.0	-1500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	31.00	11.00	-5.70	-5.80	-2.00	-2.00	-2.00	-2.00	-2.00	20.00
URANIUM	2.0	-2.00	-2.00	-7.00	-5.20	2.10	3.20	2.50	4.30	2.00	-2.00
YTTERBIUM	.5	2.00	1.80	-.50	.79	2.80	3.40	3.20	3.00	3.10	.65
ZINC	100.0	170.0	140.0	19100.0	340.0	150.0	130.0	140.0	130.0	140.0	110.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	650.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

0287

BECQUEREL JOB # 982

ELEMENT	DL	# 28281	# 28282	# 28283	# 28284	# 28285	# 28286	# 28287	# 28288	# 28289	# 25022x2
ANTIMONY	.2	2.70	3.10	2.40	3.00	34.70	918.00	532.00	34.60	24.50	82.50
ARSENIC	2.0	5.40	4.90	7.40	8.90	512.00	160000.00	225000.00	709.00	190.00	6450.00
BARIUM	100.0	270.0	120.0	100.0	-100.0	-100.0	-570.0	-750.0	-100.0	440.0	270.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-120.00	-140.00	-2.00	-2.00	11.00
CERIUM	2.0	65.00	76.00	80.00	72.00	63.00	-10.00	-13.00	55.00	90.00	11.00
CAESIUM	1.0	18.00	31.00	31.00	38.00	24.00	-3.00	-4.10	46.00	98.00	-1.00
CHROMIUM	5.0	150.0	160.0	180.0	150.0	130.0	31.0	55.0	150.0	190.0	57.0
COBALT	1.0	32.00	38.00	41.00	48.00	136.00	3390.00	6830.00	111.00	51.00	-1.00
EUROPIUM	.5	1.50	1.70	1.70	1.80	1.60	-.50	-.50	1.90	2.20	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	14.0	300.0	775.0	-5.0	-5.0	4440.0
HAFNIUM	1.0	4.00	4.60	4.80	3.90	3.40	-1.00	-1.00	3.90	4.40	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-62.0	-50.0	-20.0	-20.0	-20.0
IRON, %	.05	5.530	6.780	6.850	7.910	11.500	46.000	29.400	8.030	8.050	2.500
LANTHANUM	.5	32.00	37.00	38.00	35.00	33.00	2.20	-1.20	27.00	43.00	5.20
LUTETIUM	.2	.54	.60	.62	.58	.57	-.20	-.20	.68	.77	.32
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-50.0	-65.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	1.800	1.700	1.300	1.800	.850	-46.000	-68.000	1.600	2.700	-.200
RUBIDIUM	20.0	310.0	370.0	380.0	490.0	340.0	130.0	-88.0	480.0	740.0	-20.0
SAMARIUM	.20	7.10	8.00	8.10	7.50	6.50	-.20	-.50	6.70	10.00	1.30
SCANDIUM	.10	20.40	22.50	23.30	21.20	16.30	1.90	1.80	25.00	32.00	1.60
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-27.0	-35.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	22.00	-30.00	-5.00	-5.00	-5.00
TANTALUM	1.0	1.70	2.00	2.00	-1.00	1.80	-2.80	-4.10	2.10	1.30	-1.00
THORIUM	.5	10.00	12.00	12.00	11.00	11.00	-2.10	-2.80	8.90	12.00	-.50
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-2700.0	-3500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	7.20	-81.00	-65.00	9.40	13.00	-2.00
URANIUM	2.0	-2.00	3.60	2.50	2.60	-2.00	-22.00	-29.00	2.00	-2.00	-2.00
YTTERBIUM	.5	2.70	3.00	3.10	2.90	2.70	-1.00	-1.40	3.10	3.60	-.50
ZINC	100.0	150.0	120.0	110.0	220.0	510.0	580.0	580.0	510.0	220.0	180.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-1100.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

0230

BECQUEREL JOB # 982

ELEMENT	DL	# 28172x2	# 28188x2	# 28218x2	# 28228x2	# 28244x2	# 28266x2
ANTIMONY	.2	53.20	15.00	2.00	14.00	2.70	18.00
ARSENIC	2.0	140.00	20.00	-2.00	17.00	23.00	37.00
BARIUM	100.0	160.0	-100.0	-100.0	820.0	590.0	320.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	18.00	-2.00	4.20	57.00	57.00	63.00
CAESIUM	1.0	16.00	2.80	3.70	9.50	17.00	15.00
CHROMIUM	5.0	480.0	4020.0	20100.0	130.0	82.0	110.0
COBALT	1.0	65.00	57.00	126.00	5.30	15.00	25.00
EUROPIUM	.5	.65	-.50	-.50	.78	.90	1.30
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	1.20	-1.00	-1.00	3.90	3.20	3.70
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	6.270	6.050	6.010	2.000	3.600	7.400
LANTHANUM	.5	9.40	.59	1.30	32.00	29.00	33.00
SAMARIUM	.2	.27	-.20	.23	.32	.40	.50
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-10.0	-5.0	-5.0
POTASSIUM, %	.2	1.300	-.200	-.200	3.000	2.400	2.500
RUBIDIUM	20.0	87.0	21.0	-20.0	150.0	140.0	280.0
SAMARIUM	.20	2.30	.29	-.20	4.80	5.60	5.80
SCANDIUM	.10	25.90	11.30	8.70	12.30	12.50	15.80
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	1.10	1.30	-1.00
THORIUM	.5	2.70	-.50	-.50	12.00	11.00	12.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	5.60	3.10	2.60
YTTERBIUM	.5	1.30	-.50	-.50	1.60	2.10	2.30
ZINC	100.0	150.0	230.0	200.0	-100.0	410.0	520.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

0259

NEUTRON ACTIVATION ANALYSIS REPORT

Date: 10-08-90

RGC TASMANIA SAMPLE Nos: T28301 - T28431, T28648 - T28648
BECQUEREL JOB # 059

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NOTE: - A NEGATIVE SIGN INDICATES "LESS THAN".
- RESULTS ARE IN PARTS PER MILLION (ppm) UNLESS OTHERWISE INDICATED.

ELEMENT	DL	# 28301	# 28302	# 28303	# 28304	# 28305	# 28306	# 28307	# 28309	# 28310
ANTIMONY	.2	1.20	1.40	1.30	1.40	1.60	1.90	3.10	2.10	7.20
ARSENIC	2.0	72.00	79.00	48.00	16.00	21.00	39.00	67.00	23.00	110.00
BARIUM	100.0	210.0	270.0	190.0	300.0	460.0	280.0	190.0	-100.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	74.00	68.00	64.00	62.00	63.00	54.00	10.00	3.40	-2.00
CAESIUM	1.0	35.00	55.00	42.00	25.00	34.00	26.00	19.00	36.00	16.00
CHROMIUM	5.0	908.0	625.0	280.0	200.0	200.0	380.0	4440.0	2650.0	2150.0
COBALT	1.0	40.00	46.00	43.00	31.00	38.00	35.00	46.00	60.00	55.00
EUROPIUM	.5	1.70	1.20	1.40	1.80	1.60	1.80	2.40	-.50	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	5.00	4.90	5.30	5.30	5.10	4.60	1.20	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	7.930	8.560	8.510	8.500	7.900	8.330	12.100	6.880	6.850
LANTHANUM	.5	39.00	33.00	32.00	31.00	33.00	32.00	38.00	2.20	.88
LUTETIUM	.2	.59	.57	.59	.61	.63	.55	.41	-.20	-.20
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	1.500	1.900	1.500	1.500	1.400	.820	.900	.620	.650
RUBIDIUM	20.0	130.0	220.0	130.0	130.0	110.0	78.0	170.0	79.0	91.0
SAMARIUM	.20	8.30	7.90	8.10	8.30	8.50	8.10	10.00	.38	-.20
SCANDIUM	.10	24.50	31.10	29.70	30.70	29.00	27.70	35.10	32.80	30.60
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	2.40	3.00	1.60	2.60	1.70	2.60	-1.00	-1.00	-1.00
THORIUM	.5	8.80	8.70	10.00	10.00	10.00	8.50	1.90	-.50	-.50
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	22.00	-2.00	-2.00	-2.00	8.20	8.30	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	2.10	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	2.90	3.00	2.90	3.10	2.90	2.80	2.00	-.50	-.50
ZINC	100.0	160.0	190.0	230.0	200.0	200.0	230.0	290.0	180.0	950.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

0290

BECQUEREL JOB # 059

ELEMENT	DL	# 28311	# 28312	# 28313	# 28314	# 28315	# 28316	# 28317	# 28318	# 28319	# 28320
ANTIMONY	.2	1.80	1.10	.39	.62	1.20	.89	.37	-.20	.45	-.20
ARSENIC	2.0	4.60	21.00	11.00	2.60	65.00	29.00	7.20	-2.00	7.40	4.40
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	680.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	-2.00	-2.00	2.10	2.60	2.20	-2.00	-2.00	-2.00	85.00
CAESIUM	1.0	37.00	6.00	6.00	20.00	11.00	3.40	6.60	1.20	5.80	10.00
CHROMIUM	5.0	2290.0	4480.0	2810.0	1770.0	2440.0	3730.0	3640.0	3680.0	3380.0	350.0
COBALT	1.0	68.00	80.00	70.00	67.00	87.00	116.00	94.00	122.00	124.00	33.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	1.10
GOLD, ppb	5.0	9.2	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	270.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	8.60
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	6.150	4.500	5.110	5.970	4.900	6.920	6.000	6.570	7.640	5.650
LANTHANUM	.5	.77	.70	-.50	-.50	-.50	.78	-.50	-.50	-.50	46.00
LUTETIUM	.2	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	.63
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	.650	-.200	-.200	-.200	-.200	-.200	-.200	-.200	-.200	1.500
RUBIDIUM	20.0	70.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	25.0	110.0
SAMARIUM	.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	8.90
SCANDIUM	.10	28.20	25.30	19.90	29.10	20.00	19.20	24.90	15.90	19.30	13.10
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.50
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	18.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	6.50
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	2.90
ZINC	100.0	150.0	110.0	100.0	130.0	120.0	-100.0	130.0	100.0	110.0	-100.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 059

ELEMENT	DL	# 28321	# 28322	# 28323	# 28324	# 28325	# 28326	# 28327	# 28328	# 28329	# 28330
ANTIMONY	.2	.30	.43	.46	1.60	.88	.76	1.00	.76	.62	1.20
ARSENIC	2.0	-2.00	10.00	8.30	-2.00	3.50	7.50	55.00	54.00	20.00	6.10
BARIUM	100.0	-100.0	-100.0	-100.0	570.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CAESIUM	1.0	4.80	4.40	19.00	58.00	10.00	21.00	14.00	32.00	43.00	18.00
CHROMIUM	5.0	4210.0	3530.0	2330.0	670.0	4060.0	3730.0	3540.0	4220.0	3330.0	3650.0
COBALT	1.0	121.00	113.00	78.00	37.00	122.00	106.00	116.00	93.00	88.00	133.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
GOLD, ppb	5.0	5.5	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	7.480	6.640	6.590	4.600	7.600	7.910	7.360	7.160	7.590	8.400
LANTHANUM	.5	-.50	-.50	-.50	.62	-.50	-.50	-.50	-.50	-.50	-.50
[illegible]ETIUM	.2	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	-.200	-.200	1.600	-.200	-.200	-.200	-.200	-.200	-.200
RUBIDIUM	20.0	-20.0	-20.0	28.0	370.0	26.0	30.0	-20.0	28.0	-20.0	-20.0
SAMARIUM	.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20
SCANDIUM	.10	26.20	22.10	39.60	35.80	26.50	30.00	20.50	28.50	27.20	20.60
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
ZINC	100.0	110.0	120.0	180.0	240.0	120.0	130.0	180.0	190.0	150.0	120.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 059

ELEMENT	DL	# 28331	# 28332	# 28333	# 28334	# 28335	# 28336	# 28337	# 28338	# 28339	# 28340
ANTIMONY	.2	1.00	.94	.83	.38	.72	1.60	2.50	2.10	4.50	.29
ARSENIC	2.0	5.70	3.70	3.60	-2.00	2.70	46.00	10.00	51.00	34.00	3.50
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	100.0	160.0	-100.0	470.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	3.20	17.00	4.10	-2.00	68.00
CAESIUM	1.0	14.00	17.00	12.00	9.00	22.00	13.00	28.00	17.00	20.00	18.00
CHROMIUM	5.0	3720.0	3940.0	3780.0	4060.0	2730.0	2930.0	941.0	2840.0	2810.0	460.0
COBALT	1.0	127.00	149.00	135.00	127.00	74.00	75.00	51.00	84.00	75.00	22.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	.56	-.50	-.50	.95
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	20.0	13.0	-5.0	-5.0	80.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.90	-1.00	-1.00	8.30
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	7.600	9.630	8.370	7.830	6.020	7.120	10.500	7.610	7.210	4.200
LANTHANUM	.5	-.50	-.50	-.50	-.50	-.50	.70	9.40	1.70	1.00	37.00
LUTETIUM	.2	-.20	-.20	-.20	-.20	-.20	-.20	.22	-.20	-.20	.45
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	45.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	-.200	-.200	-.200	-.200	-.200	-.200	-.200	-.200	1.700
RUBIDIUM	20.0	-20.0	23.0	-20.0	-20.0	-20.0	25.0	90.0	63.0	31.0	200.0
SAMARIUM	.20	-.20	-.20	-.20	-.20	-.20	.36	2.60	.34	.28	7.60
SCANDIUM	.10	18.20	18.80	18.80	19.60	32.20	28.30	24.40	35.50	33.00	11.70
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	4.10
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	.58	2.90	-.50	-.50	15.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	540.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	237.00	-2.00	4.70	5.10
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	3.20
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	1.30	-.50	-.50	2.20
ZINC	100.0	110.0	120.0	100.0	110.0	130.0	190.0	390.0	220.0	690.0	100.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL JOB # 059

ELEMENT	DL	# 28341	# 28342	# 28343	# 28344	# 28345	# 28346	# 28347	# 28348	# 28349	# 28350
ANTIMONY	.2	2.00	2.10	1.80	1.40	2.70	2.40	1.50	1.60	1.60	2.00
ARSENIC	2.0	281.00	12.00	10.00	4.10	54.00	110.00	9.20	11.00	13.00	20.00
BARIUM	100.0	-100.0	-100.0	120.0	-100.0	190.0	-100.0	110.0	330.0	180.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	3.20	2.80	-2.00	-2.00	12.00	6.60	55.00	58.00	67.00	48.00
CAESIUM	1.0	7.30	58.00	20.00	21.00	34.00	37.00	30.00	37.00	36.00	26.00
CHROMIUM	5.0	3820.0	809.0	2610.0	2180.0	3370.0	2100.0	340.0	270.0	430.0	200.0
COBALT	1.0	90.00	48.00	77.00	70.00	71.00	67.00	28.00	30.00	32.00	51.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	1.60	1.60	1.40	1.10
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	9.2
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	4.00	4.80	4.90	3.50
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	9.870	6.190	5.850	6.720	7.080	7.350	7.880	7.790	7.740	10.200
LANTHANUM	.5	1.90	1.40	-.50	.75	4.90	4.00	27.00	29.00	33.00	24.00
LUTETIUM	.2	-.20	-.20	-.20	-.20	-.20	-.20	.58	.62	.59	.41
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	1.300	.680	.390	.500	.510	1.200	1.100	.720	.400
RUBIDIUM	20.0	-20.0	410.0	150.0	88.0	170.0	160.0	250.0	260.0	210.0	120.0
SAMARIUM	.20	.59	-.20	-.20	-.20	1.30	1.10	7.30	7.50	7.90	5.70
SCANDIUM	.10	31.50	39.00	38.00	34.10	34.00	39.30	30.30	26.30	30.00	20.90
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	2.00	2.30	1.50
THORIUM	.5	-.50	-.50	-.50	-.50	1.00	1.50	6.00	8.90	9.00	7.40
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	20.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	-.50	-.50	-.50	-.50	.78	.51	2.80	3.30	2.80	2.40
ZINC	100.0	190.0	170.0	150.0	140.0	200.0	1300.0	160.0	170.0	180.0	170.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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BECQUEREL J08 # 059

ELEMENT	DL	# 28351	# 28352	# 28353	# 28354	# 28355	# 28356	# 28357	# 28358	# 28359	# 28360
ANTIMONY	.2	2.20	3.80	3.20	1.80	33.70	.53	1.80	1.20	1.40	-.20
ARSENIC	2.0	12.00	5.70	5.70	6.00	431.00	2.40	4.30	3.50	5.10	4.10
BARIUM	100.0	100.0	-100.0	-100.0	-100.0	400.0	150.0	-100.0	-100.0	-100.0	690.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	52.00	45.00	39.00	42.00	37.00	7.40	4.80	12.00	6.40	88.00
CAESIUM	1.0	16.00	35.00	84.00	54.00	3.50	23.00	34.00	38.00	22.00	12.00
CHROMIUM	5.0	300.0	200.0	440.0	280.0	94.0	62.0	81.0	290.0	110.0	370.0
COBALT	1.0	73.00	54.00	60.00	39.00	17.00	103.00	50.00	67.00	39.00	36.00
EUROPIUM	.5	1.30	1.30	1.40	1.30	.65	-.50	-.50	.68	1.00	1.30
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	529.0	-5.0	-5.0	-5.0	-5.0	270.0
HAFNIUM	1.0	4.10	2.80	3.10	2.90	2.20	-1.00	-1.00	-1.00	-1.00	9.10
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	13.500	9.870	11.900	10.300	1.500	14.700	12.500	12.800	9.390	5.960
LANTHANUM	.5	25.00	24.00	20.00	20.00	19.00	3.40	2.00	6.20	3.90	48.00
LUTETIUM	.2	.47	.63	.53	.36	.26	.32	.28	.24	.28	.56
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	-.200	-.200	-.200	-.200	1.000	-.200	.490	.630	.500	1.300
RUBIDIUM	20.0	84.0	-20.0	84.0	230.0	56.0	120.0	180.0	170.0	140.0	120.0
SAMARIUM	.20	6.20	5.70	5.30	4.70	4.10	1.20	.81	1.60	1.20	9.20
SCANDIUM	.10	23.60	24.00	31.50	27.30	6.50	46.30	46.60	66.80	50.60	13.90
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	1.90	-1.00	1.60	1.10	-1.00	-1.00	-1.00	-1.00	-1.00	2.00
THORIUM	.5	6.80	4.10	5.80	5.90	6.30	.68	-.50	-.50	-.50	19.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	700.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	5.20	22.00	7.70	4.60	-2.00	-2.00	-2.00	-2.00	5.20
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	3.50
YTTERBIUM	.5	2.50	3.00	2.70	2.10	1.40	1.50	1.60	1.60	1.30	3.20
ZINC	100.0	160.0	140.0	170.0	180.0	-100.0	200.0	200.0	230.0	190.0	100.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

BECQUEREL LABORATORIES
LUCAS HEIGHTS RESEARCH LABORATORIES NEW ILLAWARRA RD. LUCAS HEIGHTS, NSW
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151296

NEUTRON ACTIVATION ANALYSIS

0290

BECQUEREL JOB # 059

ELEMENT	DL	# 28361	# 28362	# 28363	# 28364	# 28365	# 28366	# 28367	# 28368	# 28369	# 28370
											m25
ANTIMONY	.2	1.10	.87	1.70	1.30	1.60	2.10	2.50	2.70	3.80	5.40
ARSENIC	2.0	7.30	7.20	14.00	5.40	3.70	5.20	3.30	2.10	2.60	8.80
BARIUM	100.0	-100.0	250.0	170.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	3.30	3.50	-2.00	-2.00	2.00	-2.00	2.90	-2.00	-2.00	-2.00
CAESIUM	1.0	25.00	67.00	27.00	30.00	80.00	52.00	30.00	6.80	12.00	79.00
CHROMIUM	5.0	17.0	26.0	61.0	230.0	190.0	110.0	120.0	56.0	34.0	61.0
COBALT	1.0	20.00	28.00	41.00	44.00	45.00	48.00	39.00	25.00	19.00	27.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	6.010	7.190	9.060	8.020	10.700	10.200	10.400	7.240	10.300	20.900
LANTHANUM	.5	1.40	1.50	1.10	.74	1.00	.92	1.70	1.30	1.10	2.30
[illegible]ETIUM	.2	.22	.22	.29	.36	.36	.38	.27	-.20	.26	.46
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	1.000	1.700	-.420	1.500	1.000	.830	.500	-.200	-.200	1.000
RUBIDIUM	20.0	180.0	360.0	170.0	330.0	430.0	370.0	200.0	30.0	82.0	300.0
SAMARIUM	.20	.65	.92	.90	1.00	1.00	1.00	1.10	.75	.86	1.50
SCANDIUM	.10	25.70	37.00	51.50	55.00	54.90	61.30	45.70	17.00	24.30	38.60
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-4.10	18.00	16.00	47.00	76.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	.92	1.30	1.60	2.20	2.00	2.10	1.60	.81	1.50	2.30
ZINC	100.0	140.0	160.0	210.0	210.0	370.0	380.0	520.0	12600.0	5700.0	2600.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

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QUEREL JOB # 059

ELEMENT	DL	# 28371	# 28372	# 28373	# 28374	# 28375	# 28376	# 28377	# 28378	# 28379	# 28380
											M25
ANTIMONY	.2	16.90	11.00	6.90	2.90	18.00	17.00	5.50	2.70	6.10	.35
ARSENIC	2.0	8.00	8.90	8.00	2.40	7.50	2.50	4.70	2.10	7.40	3.00
BARIUM	100.0	150.0	120.0	-100.0	100.0	-100.0	-100.0	170.0	160.0	-100.0	500.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	-2.00	4.20	-2.00	-2.00	4.20	2.90	4.60	4.60	70.00
CAESIUM	1.0	68.00	89.00	68.00	15.00	14.00	58.00	111.00	16.00	98.00	19.00
CHROMIUM	5.0	53.0	52.0	84.0	88.0	47.0	69.0	58.0	64.0	56.0	470.0
COBALT	1.0	22.00	35.00	35.00	26.00	25.00	36.00	39.00	38.00	44.00	23.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	1.10
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	52.0	17.0	-5.0	-5.0	-5.0	61.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	8.60
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	13.100	8.600	11.700	9.550	8.470	11.800	9.850	14.900	12.200	4.400
LANTHANUM	.5	1.80	.90	1.50	-.50	.54	1.80	1.20	2.00	1.30	38.00
LUTETIUM	.2	.28	.37	.31	.22	.31	.42	.50	.37	.39	.43
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	9.4	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	1.400	.880	1.200	.240	.400	.730	1.300	.280	1.000	1.700
RUBIDIUM	20.0	430.0	390.0	530.0	130.0	160.0	350.0	600.0	110.0	360.0	200.0
SARIUM	.20	1.00	1.10	1.00	.46	.57	1.10	1.40	1.10	1.10	7.70
SCANDIUM	.10	41.00	47.30	45.00	34.50	33.80	59.20	62.20	54.30	52.40	12.00
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	3.60
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	.54	.55	15.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	45.00	5.00	14.00	23.00	346.00	38.00	6.20	18.00	10.00	5.50
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	5.10
YTTERBIUM	.5	1.60	1.90	1.70	1.10	1.30	2.10	2.80	2.00	2.00	2.40
ZINC	100.0	1020.0	340.0	600.0	300.0	3100.0	1100.0	360.0	630.0	730.0	120.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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N E U T R O N A C T I V A T I O N A N A L Y S I S

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0297

BECQUEREL JOB # 059

ELEMENT	OL	# 28381	# 28382	# 28383	# 28384	# 28385	# 28386	# 28387	# 28388	# 28389	# 28390
											m25
ANTIMONY	.2	2.90	1.80	1.50	4.50	7.70	.86	1.10	33.00	1.80	1.20
ARSENIC	2.0	18.00	34.00	7.50	-2.00	8.60	12.00	3.80	22.00	33.00	3.70
BARIUM	100.0	-100.0	-100.0	160.0	120.0	-100.0	120.0	-100.0	-100.0	240.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	2.70	2.90	2.20	3.70	3.00	6.70	6.40	3.40	3.00	4.30
CAESIUM	1.0	57.00	95.00	127.00	67.00	82.00	25.00	18.00	123.00	48.00	12.00
CHROMIUM	5.0	65.0	56.0	66.0	13.0	39.0	29.0	43.0	85.0	19.0	33.0
COBALT	1.0	47.00	45.00	41.00	15.00	20.00	30.00	21.00	23.00	53.00	48.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	.51	.60	-.50	1.00	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	1.80	2.00	-1.00	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	9.430	9.800	9.740	6.520	7.200	6.480	5.900	7.050	12.900	13.700
LANTHANUM	.5	.84	1.40	.85	1.20	1.10	1.40	1.20	1.10	1.30	1.10
LUTETIUM	.2	.45	.45	.37	1.00	.65	1.40	1.20	.84	.78	.48
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
[P]OTASSIUM, %	.2	.550	1.100	1.800	1.900	1.400	.630	.800	2.400	.870	.510
RUBIDIUM	20.0	230.0	410.0	710.0	650.0	540.0	240.0	200.0	930.0	320.0	110.0
SAMARIUM	.20	1.00	1.20	.84	1.80	1.20	2.60	2.30	1.70	2.00	1.30
SCANDIUM	.10	52.00	54.40	45.00	27.90	26.30	26.20	22.50	28.70	52.50	53.90
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	1.10	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	4.30	-2.00	-2.00	13.00	11.00	-2.00	-2.00	17.00	-2.00	-2.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	2.40	2.30	1.80	4.30	2.90	6.20	5.40	3.90	3.80	2.80
ZINC	100.0	360.0	310.0	250.0	480.0	2200.0	150.0	120.0	1600.0	210.0	210.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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BECQUEREL JOB # 059

ELEMENT	DL	# 28391	# 28392	# 28393	# 28394	# 28395	# 28396	# 28397	# 28398	# 28399	# 28400
ANTIMONY	.2	.89	1.40	1.30	1.60	2.10	1.50	62.80	108.00	102.00	.29
ARSENIC	2.0	3.20	4.30	3.30	2.50	43.00	9.20	456.00	58.00	2620.00	3.70
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	650.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	4.50	-2.00
CERIUM	2.0	-2.00	2.60	2.50	3.70	4.70	-2.00	-2.00	-2.00	3.30	90.00
CAESIUM	1.0	17.00	37.00	53.00	24.00	47.00	23.00	72.00	60.00	38.00	10.00
CHROMIUM	5.0	380.0	551.0	450.0	85.0	72.0	120.0	86.0	300.0	370.0	360.0
COBALT	1.0	50.00	54.00	45.00	52.00	49.00	54.00	41.00	36.00	48.00	35.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	1.20
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	5.7	-5.0	-5.0	13.0	270.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	9.50
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	10.100	11.200	9.270	12.600	13.600	10.900	8.920	10.000	10.400	5.930
LANTHANUM	.5	.75	.81	.77	1.40	1.10	.78	.58	.86	.65	47.00
[illegible]ETIUM	.2	-.20	.25	-.20	.38	.33	.31	-.20	-.20	.27	.62
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	.360	.350	.500	.450	.250	.530	1.100	2.200	2.600	1.400
RUBIDIUM	20.0	110.0	130.0	160.0	160.0	130.0	130.0	360.0	710.0	940.0	110.0
SAMARIUM	.20	.52	.58	.51	1.20	.90	.86	.50	.45	.44	9.30
SCANDIUM	.10	50.00	51.70	50.40	49.70	53.80	58.50	42.00	47.10	45.70	13.90
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	1.30	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.50
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	.78	-.50	-.50	-.50	18.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	4.90	-2.00	-2.00	-2.00	14.00	-2.00	82.00	12.00	19.00	8.50
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	2.40
YTTERBIUM	.5	1.10	1.30	1.00	2.10	2.00	1.80	1.00	.74	.51	3.20
ZINC	100.0	180.0	210.0	160.0	220.0	520.0	230.0	1700.0	1800.0	2200.0	-100.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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ELEMENT	DL	# 28401	# 28402	# 28403	# 28404	# 28405	# 28406	# 28407	# 28408	# 28409	# 28410
											m25
ANTIMONY	.2	20.70	34.50	73.30	1.20	.62	1.20	1.30	1.10	21.10	1.90
ARSENIC	2.0	32.00	559.00	464.00	3.80	2.30	4.40	3.60	2.70	17.00	8.50
BARIUM	100.0	-100.0	-100.0	-100.0	-100.0	130.0	-100.0	-100.0	-100.0	160.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	-2.00	-2.00	-2.00	2.10	3.10	4.80	-2.00	2.80	3.70
CAESIUM	1.0	19.00	16.00	24.00	17.00	5.50	13.00	30.00	20.00	82.00	30.00
CHROMIUM	5.0	260.0	84.0	210.0	180.0	150.0	817.0	1220.0	1120.0	1150.0	480.0
COBALT	1.0	31.00	18.00	26.00	33.00	25.00	38.00	56.00	51.00	49.00	49.00
EUROPIUM	.5	-.50	-.50	.51	-.50	-.50	-.50	-.50	-.50	-.50	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	16.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	10.000	8.500	7.510	6.770	5.310	7.130	8.710	7.690	8.730	9.110
LANTHANUM	.5	.51	-.50	1.00	.71	-.50	.67	.92	.76	.59	1.00
LUTETIUM	.2	-.20	-.20	-.20	-.20	-.20	-.20	.24	-.20	.20	-.20
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	32.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	.610	1.000	.650	.420	.290	.480	.640	.610	.810	.760
[illegible]IDIUM	20.0	230.0	380.0	270.0	190.0	120.0	170.0	290.0	240.0	380.0	300.0
[illegible]ARIUM	.20	.22	.29	.37	.47	.29	.37	.58	.44	.43	.40
SCANDIUM	.10	31.20	23.90	25.20	38.00	29.00	43.20	65.70	60.60	58.30	47.40
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	1.50	1.20	-1.00	-1.00	-1.00
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	.81	-.50	-.50	-.50
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	32.00	24.00	12.00	2.70	95.00	57.00	-2.00	5.40	63.00	56.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	-.50	-.50	.68	1.00	.55	.73	1.20	.88	.91	1.00
ZINC	100.0	2200.0	3200.0	910.0	200.0	150.0	170.0	220.0	190.0	870.0	170.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

BECQUEREL LABORATORIES

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NEUTRON ACTIVATION ANALYSIS

0300

BECQUEREL JOB # 059

ELEMENT	DL	# 28411	# 28412	# 28413	# 28414	# 28415	# 28416	# 28417	# 28418	# 28419	# 28420
ANTIMONY	.2	1.70	1.40	1.30	1.20	1.50	1.30	2.50	13.00	20.60	.28
ARSENIC	2.0	4.00	16.00	11.00	9.40	6.30	6.90	17.00	12.00	20.00	3.00
BARIUM	100.0	-100.0	-100.0	130.0	-100.0	-100.0	-100.0	-100.0	130.0	-100.0	640.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	2.20	4.70	3.60	-2.00	3.30	-2.00	3.00	2.80	68.00
CAESIUM	1.0	41.00	64.00	94.00	97.00	105.00	110.00	52.00	134.00	132.00	18.00
CHROMIUM	5.0	320.0	570.0	300.0	130.0	470.0	500.0	410.0	380.0	480.0	470.0
COBALT	1.0	44.00	77.00	54.00	48.00	44.00	44.00	40.00	58.00	60.00	23.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	1.00
GOLD, ppb	5.0	9.3	21.0	-5.0	-5.0	11.0	-5.0	-5.0	14.0	-5.0	64.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	8.60
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	9.460	12.900	8.540	7.260	6.880	6.830	7.640	7.580	8.710	4.250
LANTHANUM	.5	.58	1.00	1.20	.72	.86	.65	-.50	.66	.70	37.00
LUTETIUM	.2	-.20	-.20	-.20	-.20	.26	-.20	-.20	-.20	-.20	.52
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	19.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	.620	1.000	1.400	1.500	1.800	1.400	.920	2.100	1.800	1.600
RUBIDIUM	20.0	260.0	480.0	740.0	710.0	810.0	760.0	440.0	970.0	900.0	200.0
SAMARIUM	.20	.42	.37	.65	.37	.67	.46	.27	.31	.48	7.60
SCANDIUM	.10	49.50	62.80	56.80	52.50	54.80	50.10	43.10	51.30	59.30	11.80
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	1.40	-1.00	1.50	-1.00	-1.00	-1.00	3.10
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	14.00
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	380.00	66.00	140.00	46.00	253.00	94.00	31.00	56.00	30.00	3.70
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	4.20
YTTERBIUM	.5	.54	.81	.87	.56	.95	.81	-.50	-.50	.82	2.10
ZINC	100.0	420.0	320.0	200.0	180.0	180.0	170.0	220.0	180.0	210.0	110.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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NEUTRON ACTIVATION ANALYSIS

039

BECQUEREL JOB # 059

ELEMENT	DL	# 28421	# 28422	# 28423	# 28424	# 28425	# 28426	# 28427	# 28428	# 28429	# 28430
											m25
ANTIMONY	.2	19.00	233.00	141.00	72.00	66.50	32.90	91.70	50.00	151.00	6.70
ARSENIC	2.0	17.00	20.00	46.00	50.00	25.00	16.00	76.00	55.00	2280.00	43.00
BARIUM	100.0	180.0	-100.0	150.0	200.0	340.0	-100.0	460.0	190.0	-100.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	4.90	-2.00
CERIUM	2.0	2.40	-2.00	-2.00	3.00	4.90	-2.00	-2.00	-2.00	-2.00	4.80
CAESIUM	1.0	91.00	31.00	54.00	53.00	61.00	113.00	63.00	22.00	36.00	101.00
CHROMIUM	5.0	500.0	370.0	360.0	350.0	512.0	460.0	370.0	270.0	330.0	180.0
COBALT	1.0	65.00	46.00	43.00	48.00	50.00	65.00	43.00	33.00	35.00	66.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	16.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	8.290	8.650	9.310	13.300	6.200	6.950	7.200	9.540	8.080	8.880
LANTHANUM	.5	.63	.69	.76	1.40	.64	-.50	.75	1.00	.94	1.40
[illegible]ETIUM	.2	-.20	-.20	.28	.33	-.20	-.20	-.20	-.20	-.20	-.20
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	1.400	.780	1.500	1.200	2.100	2.000	2.600	.780	1.700	1.300
RUBIDIUM	20.0	680.0	200.0	480.0	460.0	630.0	790.0	820.0	300.0	450.0	580.0
SAMARIUM	.20	.45	.40	.71	1.00	.46	.39	.54	.66	.48	.50
SCANDIUM	.10	62.10	50.50	48.80	44.60	61.60	55.60	47.40	38.70	47.40	49.20
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.00
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	13.00	32.00	75.00	18.00	34.00	31.00	32.00	37.00	61.00	61.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	.64	-.50	.86	1.30	.55	.63	.64	.93	.87	.73
ZINC	100.0	260.0	24900.0	4500.0	1500.0	1300.0	2900.0	2400.0	10200.0	27600.0	460.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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0392

BECQUEREL JOB # 059

MZS ← ZUCHAN →

ELEMENT	DL	# 28431	# 28648	# 28649	# 28650	# 28651	# 28652	# 28653	# 28654	# 28655	# 28656
ANTIMONY	.2	52.40	17.00	26.50	355.00	109.00	116.00	151.00	90.50	64.60	35.50
ARSENIC	2.0	81.00	89.00	26.00	399.00	351.00	52.00	20.00	7.60	4.70	8.60
BARIUM	100.0	-100.0	1400.0	870.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	2.60	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	100.00	78.00	-2.00	-2.00	5.50	3.20	-2.00	-2.00	-2.00
CAESIUM	1.0	44.00	24.00	18.00	-1.00	-1.00	2.60	3.20	2.10	-1.00	1.60
CHROMIUM	5.0	130.0	84.0	50.0	31.0	12.0	11.0	10.0	14.0	6.8	18.0
COBALT	1.0	40.00	10.00	11.00	1.40	1.00	3.60	6.80	6.50	6.00	8.10
EUROPIUM	.5	-.50	1.00	.91	-.50	-.50	-.50	-.50	-.50	-.50	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	7.90	5.30	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	5.920	2.400	6.100	25.100	20.900	22.000	25.500	24.100	24.600	32.700
LANTHANUM	.5	.73	48.00	38.00	6.00	.63	2.00	1.00	.69	.71	1.10
LUTETIUM	.2	-.20	.88	.50	-.20	-.20	-.20	-.20	-.20	-.20	-.20
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	1.000	4.100	1.900	.510	.200	-.200	-.200	-.200	-.200	-.200
RUBIDIUM	20.0	380.0	250.0	150.0	77.0	40.0	43.0	52.0	55.0	47.0	70.0
SAMARIUM	.20	.41	9.40	6.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20
SCANDIUM	.10	51.10	15.50	10.00	.47	.34	.48	.48	.35	.25	.38
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	57.00	67.00	50.00	55.00	32.00	46.00	43.00
TANTALUM	1.0	-1.00	1.10	1.10	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
THORIUM	.5	-.50	18.00	11.00	-.50	.60	-.50	.56	-.50	-.50	-.50
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	40.00	3.90	2.70	-2.00	-2.00	4.30	4.60	-2.00	-2.00	-2.00
URANIUM	2.0	-2.00	2.20	3.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	.62	4.20	2.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
ZINC	100.0	15800.0	1500.0	10200.0	50100.0	45300.0	137000.0	116000.0	55500.0	57300.0	39600.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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151304

N E U T R O N A C T I V A T I O N A N A L Y S I S

039.

NEUTRON ACTIVATION ANALYSIS REPORT

Date: 17-08-90

RGC TASMANIA SAMPLE Nos:T28432 - T28455
BECQUEREL JOB # 079

NOTE: - A NEGATIVE SIGN INDICATES "LESS THAN".
- RESULTS ARE IN PARTS PER MILLION (ppm) UNLESS OTHERWISE INDICATED.

ELEMENT	DL	# 28432	# 28433	# 28434	# 28435	# 28436	# 28437	# 28438	# 28439	# 28440	# 28441
ANTIMONY	.2	6.90	698.00	31.30	22.20	1.10	.61	.87	150.00	.38	1.40
ARSENIC	2.0	19.00	357.00	41.00	140.00	13.00	5.30	13.00	247.00	2.80	9.10
BARIUM	100.0	190.0	-100.0	240.0	310.0	-100.0	-100.0	-100.0	-100.0	480.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	-2.00	-2.00	-2.00	2.50	-2.00	-2.00	-2.00	77.00	3.60
CAESIUM	1.0	138.00	53.00	98.00	81.00	50.00	56.00	106.00	21.00	17.00	57.00
CHROMIUM	5.0	150.0	210.0	130.0	96.0	25.0	62.0	43.0	26.0	460.0	100.0
COBALT	1.0	45.00	17.00	35.00	26.00	28.00	35.00	35.00	17.00	22.00	43.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	.69	-.50
GOLD, ppb	5.0	7.3	-5.0	-5.0	-5.0	16.0	8.3	5.2	-5.0	79.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	8.60	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
[illegible], %	.05	6.770	4.800	4.900	5.270	4.100	5.090	5.220	6.440	4.200	6.020
LANTHANUM	.5	-.50	.68	-.50	.63	.64	.51	-.50	.63	37.00	.65
LUTETIUM	.2	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	.48	-.20
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	27.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	1.400	1.100	1.500	2.300	.500	.690	.780	1.000	1.900	.610
RUBIDIUM	20.0	750.0	410.0	590.0	850.0	340.0	410.0	550.0	340.0	210.0	350.0
SAMARIUM	.20	.26	.23	.24	.34	.29	.21	-.20	-.20	7.60	.35
SCANDIUM	.10	43.10	25.00	37.50	31.10	28.60	34.80	37.20	18.60	11.70	42.50
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	120.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	1.10	-1.00	-1.00	5.50	-1.00
THORIUM	.5	-.50	-.50	-.50	-.50	.86	-.50	-.50	-.50	14.00	.54
TIN	500.0	-500.0	-1000.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	15.00	120.00	10.00	16.00	49.00	20.00	38.00	7.90	5.30	75.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	2.50	-2.00
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	2.20	.52
ZINC	100.0	1900.0	5600.0	1200.0	2400.0	130.0	150.0	150.0	17400.0	130.0	220.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

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151305

NEUTRON ACTIVATION ANALYSIS

03[illegible]

BECQUEREL JOB # 079

ELEMENT	DL	# 28442	# 28443	# 28444	# 28445	# 28446	# 28447	# 28448	# 28449	# 28450	# 28451
ANTIMONY	.2	2.10	.94	.71	.70	1.10	.66	.86	.70	8.90	1.20
ARSENIC	2.0	15.00	2.30	2.30	3.10	3.40	-2.00	4.00	8.90	34.00	6.10
BARIUM	100.0	230.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	190.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	-2.00	-2.00	-2.00	2.80	-2.00	10.00	2.00	-2.00	4.10	2.60
CAESIUM	1.0	78.00	40.00	40.00	36.00	24.00	35.00	37.00	91.00	77.00	40.00
CHROMIUM	5.0	190.0	120.0	180.0	360.0	400.0	320.0	450.0	470.0	567.0	150.0
COBALT	1.0	41.00	47.00	41.00	42.00	46.00	46.00	42.00	44.00	43.00	42.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	6.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	5.380	5.820	5.600	5.360	6.400	6.200	6.160	5.670	5.380	5.510
LANTHANUM	.5	.64	-.50	.65	.76	.65	3.50	.57	.69	1.20	.93
LUTETIUM	.2	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	.26	.26
[illegible]YBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	120.0
POTASSIUM, %	.2	1.000	.610	.420	.620	.470	.510	.630	.830	1.000	.800
RUBIDIUM	20.0	550.0	390.0	230.0	300.0	230.0	170.0	260.0	480.0	550.0	420.0
SAMARIUM	.20	.33	-.20	.29	.42	.35	.85	.39	.45	.79	1.00
SCANDIUM	.10	40.80	43.50	43.30	41.30	48.50	48.40	44.00	40.60	35.20	43.80
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	-1.00	-1.00	1.60	-1.00	1.30	-1.00	1.50	-1.00	-1.00	-1.00
THORIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50	-.50
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	75.00	12.00	22.00	80.00	7.80	-2.00	58.00	86.00	27.00	170.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	-.50	-.50	-.50	-.50	-.50	.74	.63	.65	1.40	1.60
ZINC	100.0	180.0	150.0	180.0	160.0	160.0	130.0	130.0	150.0	150.0	120.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

BECQUEREL LABORATORIES

LUCAS HEIGHTS RESEARCH LABORATORIES NEW ILLAWARRA RD. LUCAS HEIGHTS. NSW
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Facsimile: (02) 543 2655
P.O. BOX 93
MENAI, NSW, 2234

151306

NEUTRON ACTIVATION ANALYSIS

03[illegible]

BECQUEREL JOB # 079

ELEMENT	DL	# 28452	# 28453	# 28454	# 28455	# 28447x2	# 28454x2
ANTIMONY	.2	.63	.93	1.50	2.40	.76	1.00
ARSENIC	2.0	2.70	44.00	11.00	3.10	2.00	11.00
BARIUM	100.0	100.0	-100.0	-100.0	-100.0	-100.0	-100.0
BROMINE	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
CERIUM	2.0	4.00	3.80	4.50	140.00	11.00	7.50
CAESIUM	1.0	22.00	63.00	43.00	56.00	36.00	43.00
CHROMIUM	5.0	190.0	524.0	230.0	320.0	310.0	220.0
COBALT	1.0	35.00	48.00	36.00	4.60	47.00	34.00
EUROPIUM	.5	-.50	-.50	-.50	-.50	-.50	-.50
GOLD, ppb	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
HAFNIUM	1.0	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
IRIDIUM, ppb	20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
IRON, %	.05	5.300	6.350	5.210	1.800	6.040	5.040
[illegible]THANUM	.5	.85	.72	1.90	54.40	4.10	1.90
LUTETIUM	.2	-.20	-.20	.37	.47	-.20	.36
MOLYBDENUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
POTASSIUM, %	.2	.650	.800	.580	1.600	.540	.570
RUBIDIUM	20.0	300.0	420.0	300.0	940.0	180.0	300.0
SAMARIUM	.20	.50	.50	1.20	8.30	.88	1.20
SCANDIUM	.10	37.90	42.30	39.40	5.40	48.00	38.70
SELENIUM	5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SILVER	5.0	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
TANTALUM	1.0	2.10	-1.00	3.00	6.80	-1.00	2.40
THORIUM	.5	-.50	-.50	2.30	6.30	-.50	2.30
TIN	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0
TUNGSTEN	2.0	10.00	37.00	45.00	88.00	3.80	36.00
URANIUM	2.0	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
YTTERBIUM	.5	.68	.69	1.80	2.00	.94	2.00
ZINC	100.0	140.0	150.0	180.0	140.0	130.0	210.0
ZIRCONIUM	500.0	-500.0	-500.0	-500.0	-500.0	-500.0	-500.0

BECQUEREL LABORATORIES

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NEUTRON ACTIVATION ANALYSIS

5522/321.

EL101/87 - DUNDAS

Carbine Hill Area
Rock Chip Samples
(high Cr, Ir samples resubmitted).

NEUTRON ACTIVATION ANALYSIS REPORT

Date: 14-06-91

RGC, TASMANIA
BECQUEREL JOB 370

Sample	Au	Ir	Os	Pt	Ru	Pd	Rh
	All results in ppb						
T36517	5.6	35.0	31	<20	65	<10	5.2
T36518	2.0	33.0	29	<20	47	<10	<5
T36519	8.0	20.0	19	<20	17	<10	<5

Resubmit for Ni.

BECQUEREL LABORATORIES
A.C.N. 003 271 832

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APPENDIX 7

Analytical Results, Ring River Drilling Programme, RR001 & RR002.

R.G.C. Exploration Pty Ltd
RING

SURFACE DIAMOND DRILLHOLE : RRD001

PROJECT IDEN : RING	START DATE : 20 NOV 89	COMPLETION DATE : 16 JAN 90	LOGGED BY:DR. SCOTT W.HALLEY
COLLAR NORTHING: 65235.00	COLLAR EASTING : 75240.00	COLLAR ELEVATION: 554.00	GRID AZIMUTH : 0.00
DRILLED BY :DDT	TOTAL LENGTH : 283.00	CORE/HOLE SIZE : HQ	

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		270.00	-58.00	65235.00	75240.00	554.00
000	13.00		268.00	-58.00			
000	38.00		268.00	-58.00			
000	77.00		267.50	-55.50			
000	127.00		269.00	-51.00			
000	175.00		270.00	-50.00			
000	226.00		266.50	-48.50			
000	268.00		269.00	-48.50			

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	32.60			MUDSTONE: 30%, sandstone, interbedded, 1% siderite veinlets of, trace chalcopyrite blebs of.	WHITE SPUR GROUP
R	0.00	32.60			THE CORE TRAYS WERE DROPPED, AND SUBSEQUENTLY THE CORE WAS	
R	0.00	32.60			OUT OF ORDER.	
	32.60	56.00			MUDSTONE: dark gray, 20%, siltstone, 10%, sandstone, interbedded, .03% pyrite disseminations of. 34.00 34.10 30% SANDSTONE: finely bedded, bedding: 47 deg to c.a. 34.80 34.90 80% MUDSTONE: finely bedded, bedding: 0 deg to c.a. 37.00 37.20 100% SANDSTONE: graded bedded, bedding: facing uphole, 70 deg to c.a. 42.10 42.20 60% MUDSTONE: finely bedded, graded bedded, fossiliferous, bedding: facing uphole, 33 deg to c.a. 45.70 45.90 60% MUDSTONE: finely bedded, graded bedded, fossiliferous, bedding: facing uphole, 40 deg to c.a. 50.10 50.20 70% SANDSTONE: finely bedded, graded bedded, bedding: facing uphole, 30 deg to c.a, 0.1% pyrite disseminations of. 54.50 54.70 100% SANDSTONE: graded bedded, bedding: facing uphole, 35 deg to c.a.	WHITE SPUR GROUP
R	54.70	59.20			TRAY NUMBER 12 WAS DROPPED, AND THUS CORE WAS OUT OF ORDER.	
	56.00	102.30			MUDSTONE: very dark gray, 5%, sandstone, 1% quartz veinlets of, 1% siderite veinlets of.	WHITE SPUR GROUP

03300
151309

R.G.C. Exploration Pty Ltd
RING
SURFACE DIAMOND DRILLHOLE : RRD001 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
R	59.20	63.40			TRAY NUMBER 13 WAS DROPPED, AND CORE WAS LOST . 64.60 64.70 90% MUDSTONE: finely bedded, bedding: 62 deg to c.a. 84.00 84.10 90% MUDSTONE: bedding: 52 deg to c.a. 89.10 89.20 80% MUDSTONE: finely bedded, bedding: 38 deg to c.a. 91.10 93.30 20% VEIN: 20% quartz veinlets of, 5% siderite veinlets of. 98.80 99.00 50% MUDSTONE: finely bedded, bedding: 33 deg to c.a.	
	102.30	121.40			MUDSTONE: dark gray, 10%, sandstone, 20%, siltstone, interbedded, 1% graphite stringers of. 103.30 103.40 100% MUDSTONE: finely bedded, bedding: 62 deg to c.a. 108.95 109.05 80% MUDSTONE: finely bedded, bedding: 48 deg to c.a. 114.40 114.60 90% MUDSTONE: finely bedded, bedding: 60 deg to c.a. 119.52 119.54 100% FAULT: fault: 53 deg to c.a, bedding: 53 deg to c.a.. 120.80 121.00 90% MUDSTONE: finely bedded, bedding: 44 deg to c.a.	WHITE SPUR GROUP
	121.40	142.40			MUDSTONE: very dark gray, 10%, sandstone, disrupted bedding, 2.5% graphite stringers of. 129.40 129.60 100% MUDSTONE: fault: 15 deg to c.a. 130.00 130.50 100% MUDSTONE: fault: 9 deg to c.a, graphite. 131.45 131.50 100% MUDSTONE: fault: 37 deg to c.a. 136.75 136.80 100% MUDSTONE: fault: 32 deg to c.a. 138.70 138.75 100% MUDSTONE: fault: 45 deg to c.a, graphite disseminations = veins. 139.30 139.35 100% MUDSTONE: fault: 40 deg to c.a, graphite disseminations = veins.	WHITE SPUR GROUP
	142.40	146.80			SANDSTONE: pale grey, massive.	WHITE SPUR GROUP
	146.80	159.35			MUDSTONE: dark gray, 20%, sandstone, interbedded, disrupted bedding, weakly foliated, .03% pyrite lenses of, 2.5% graphite stringers of.	WHITE SPUR GROUP
	159.35	161.20			SANDSTONE: pale grey, massive.	WHITE SPUR GROUP
	161.20	162.95			MUDSTONE: dark gray, 20%, sandstone, interbedded, disrupted	WHITE SPUR GROUP

0310

151340

R.G.C. Exploration Pty Ltd
RING
SURFACE DIAMOND DRILLHOLE : RRD001 (CONTINUED)

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
					bedding, 2.5% graphite stringers of.	
	162.95	168.85			SANDSTONE: pale green, 5%, mudstone, massive. 167.80 168.00 100% SANDSTONE: bedding: 57 deg to c.a, cleavage: 57 deg to c.a..	WHITE SPUR GROUP
	168.85	172.50			MUDSTONE: very dark gray, 5%, sandstone, disrupted bedding, 2.5% graphite stringers of.	WHITE SPUR GROUP
	172.50	185.85			MUDSTONE: medium gray, 30%, sandstone, brecciated, strongly foliated, disrupted bedding, 2.5% graphite stringers of.	WHITE SPUR GROUP
R	172.85	185.85			ZONE OF STRONG SHEARING AND DEFORMATION ADJACENT TO THE	
R	172.85	185.85			ROSEBERY FAULT	
	185.85	186.40			FAULT.	ROSEBERY FAULT
	186.40	271.10			TUFF: light green, 2.5%, mudstone, massive, feldspar phyric, 2.5% siderite stockwork.	DUNDAS GROUP CAMBRIAN
	271.10	282.75			MUDSTONE: very dark gray, finely bedded, 2.5% siderite veinlets of, .03% sphalerite veinlets of.	DUNDAS GROUP CAMBRIAN
	282.75	283.00			TUFF: light green, massive, feldspar phyric.	DUNDAS GROUP CAMBRIAN

R.G.C. Exploration Pty Ltd
RING
SURFACE DIAMOND DRILLHOLE : RRD001 (CONTINUED)

001 ASSAYS

From	To	Number	COPPER	LEAD	ZINC	SILVER	ARSENIC	GOLD
40.00	41.00	29301	40.000	40.000	230.000	-0.500	29.000	-0.008
50.00	51.00	29302	30.000	65.000	230.000	-0.500	30.000	0.010
70.00	71.00	29303	270.000	5.000	50.000	-0.500	100.000	0.015
80.00	81.00	29304	120.000	5.000	45.000	-0.500	45.000	0.020
90.00	91.00	29305	150.000	10.000	55.000	-0.500	100.000	0.015
100.00	101.00	29306	25.000	5.000	45.000	-0.500	67.000	0.010
110.00	111.00	29307	25.000	-5.000	35.000	-0.500	93.000	0.020
120.00	121.00	29308	25.000	-5.000	35.000	-0.500	100.000	0.030
130.00	131.00	29309	10.000	20.000	70.000	-0.500	100.000	0.025
140.00	141.00	29310	5.000	20.000	45.000	-0.500	200.000	-0.008
150.00	151.00	29311	5.000	15.000	55.000	-0.500	100.000	0.015
160.00	161.00	29312	5.000	20.000	50.000	-0.500	45.000	0.020
170.00	171.00	29313	20.000	115.000	205.000	-0.500	100.000	0.020
180.00	181.00	29314	40.000	500.000	640.000	3.000	66.000	0.020
190.00	191.00	29315	5.000	10.000	60.000	-0.500	12.000	0.015
200.00	201.00	29316	5.000	-5.000	105.000	-0.500	3.000	-0.008
210.00	211.00	29317	5.000	-5.000	100.000	-0.500	1.000	0.010
220.00	221.00	29318	5.000	90.000	215.000	-0.500	6.000	0.020
230.00	231.00	29319	5.000	-5.000	110.000	-0.500	1.000	-0.008
240.00	241.00	29321	5.000	-5.000	65.000	-0.500	-1.000	-0.008
250.00	251.00	29322	5.000	-5.000	200.000	-0.500	-1.000	0.010
260.00	261.00	29323	5.000	-5.000	55.000	-0.500	-1.000	0.015
270.00	271.00	29324	5.000	100.000	355.000	-0.500	44.000	0.010
280.00	281.00	29325	30.000	80.000	125.000	1.000	84.000	0.015

031

Ref 23462

R.G.C. Exploration Pty Ltd
RING

SURFACE DIAMOND DRILLHOLE : RRD002

PROJECT IDEN : RING
COLLAR NORTHING: 64970.00
DRILLED BY :DDT
START DATE : 27 NOV 89
COLLAR EASTING : 75115.00
TOTAL LENGTH : 283.00
COMPLETION DATE : 12 DEC 89
COLLAR ELEVATION: 570.00
CORE/HOLE SIZE : HQ
LOGGED BY:DR. SCOTT W.HALLEY
GRID AZIMUTH : 0.00

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		270.00	-65.00	64970.00	75115.00	570.00
000	11.00		268.00	-63.25			
000	37.00		270.50	-60.33			
000	76.00		271.50	-54.50			
000	125.00		274.00	-50.25			
000	170.00		273.00	-49.00			
000	215.00		273.00	-47.03			
000	262.00		272.50	-45.63			

- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
0.00	1.00			NO CORE.	
1.00	11.45			GREYWACKE: darker gray, 20%, siltstone, coarsely bedded, 1% siderite veinlets of. 9.20 10.10 90% GREYWACKE: bedding: 42 deg to c.a, 1% siderite veinlets of, .03% chalcopyrite blebs of, 0.1% galena blebs of, 0.3% sphalerite veinlets of.	WHITE SPUR GROUP
11.45	148.30			MUDSTONE: dark gray, 10%, siltstone, 10%, sandstone, finely bedded, interbedded, veined, 1% quartz veinlets of, 1% siderite veinlets of, .03% pyrite disseminations of. 12.15 12.20 50% MUDSTONE: bedding: 35 deg to c.a. 14.10 14.20 100% MUDSTONE: 10% quartz veinlets of, 10% siderite veinlets of, 2.5% chalcopyrite blebs of, 0.3% sphalerite blebs of. 16.50 16.60 70% MUDSTONE: bedding: 30 deg to c.a. 17.70 18.00 30% SANDSTONE: graded bedded, finely bedded, bedding: facing uphole, 31 deg to c.a. 18.90 19.00 50% SILSTONE: bedding: 43 deg to c.a, cleavage: 28 deg to c.a.. 20.90 21.10 70% MUDSTONE: graded bedded, finely bedded, bedding: 39 deg to c.a, cleavage: unconformable, 28 deg to c.a.. 23.40 23.50 80% MUDSTONE: finely bedded, bedding: 37 deg to c.a.	WHITE SPUR GROUP

R.G.C. Exploration Pty Ltd
RING
SURFACE DIAMOND DRILLHOLE : RRD002 (CONTINUED)

- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit

stringers of.
26.40 26.50 60% SILSTONE: finely bedded, bedding: 38 deg to c.a, cleavage: 31 deg to c.a..
27.20 27.30 100% MUDSTONE: 30% quartz veinlets of, 20% graphite stringers of.
28.50 28.60 70% MUDSTONE: finely bedded, bedding: 60 deg to c.a.
31.80 31.90 90% MUDSTONE: finely bedded, bedding: 33 deg to c.a.
33.80 33.90 10% SANDSTONE: finely bedded, bedding: 20 deg to c.a.
34.80 35.00 100% FAULT: 30% graphite stringers of.
36.70 36.80 100% MUDSTONE: finely bedded, bedding: 0 deg to c.a.
39.90 40.00 70% MUDSTONE: finely bedded, bedding: 46 deg to c.a, cleavage: 32 deg to c.a..
41.80 41.90 50% SANDSTONE: finely bedded, graded bedded, bedding: 36 deg to c.a, cleavage: 23 deg to c.a..
45.00 65.00 90% MUDSTONE: 2.5% quartz veinlets of, 2.5% siderite veinlets of, 0.3% pyrite disseminations of, graphite.
47.70 47.80 80% MUDSTONE: finely bedded, bedding: 46 deg to c.a.
48.40 49.20 100% MUDSTONE: disrupted bedding, 5% siderite veinlets of, 2.5% graphite stringers of.
52.80 53.80 100% MUDSTONE: disrupted bedding, 5% siderite veinlets of, 2.5% graphite stringers of.
54.50 54.60 60% MUDSTONE: finely bedded, bedding: 52 deg to c.a.
56.20 56.30 90% MUDSTONE: finely bedded, bedding: 32 deg to c.a, 10% siderite veinlets of, 2.5% pyrite lenses of.
57.00 57.10 60% MUDSTONE: finely bedded, bedding: 0 deg to c.a, 5% pyrite lenses of.
60.30 61.60 90% MUDSTONE: disrupted bedding.
62.50 63.10 80% MUDSTONE: finely bedded, brecciated, veined, bedding: 33 deg to c.a, 20% quartz veinlets of, 10% siderite veinlets of.
64.30 64.70 100% FAULT: complete, mudstone, disrupted bedding, 5% quartz veinlets of, 5% siderite veinlets of, 0.1% chalcopyrite blebs of, 1% arsenopyrite veinlets of, 2.5% graphite stringers of.
67.00 67.10 80% MUDSTONE: finely bedded, bedding: 8 deg to c.a, 33 deg to c.a..
69.10 69.60 80% MUDSTONE: bedding: 0 deg to c.a, lower

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R.G.C. Exploration Pty Ltd
RING
SURFACE DIAMOND DRILLHOLE : RRD002 (CONTINUED)

- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
				71.50 71.90 100% MUDSTONE: disrupted bedding, 20% siderite veinlets of, 5% graphite stringers of. 76.30 76.60 80% MUDSTONE: finely bedded, bedding: 47 deg to c.a. 84.90 85.10 90% MUDSTONE: finely bedded, bedding: 35 deg to c.a. 88.50 88.90 60% MUDSTONE: finely bedded, bedding: 0 deg to c.a. 93.00 93.10 80% MUDSTONE: finely bedded, bedding: 58 deg to c.a. 96.10 97.70 80% MUDSTONE: disrupted bedding, 1% quartz veinlets of, 2.5% siderite veinlets of, 2.5% graphite stringers of. 99.85 110.00 90% MUDSTONE: finely bedded, bedding: 68 deg to c.a, cleavage: 51 deg to c.a., 2.5% pyrite blebs of. 103.40 103.45 30% MUDSTONE: disrupted bedding, fault: 51 deg to c.a. 105.20 105.40 90% MUDSTONE: finely bedded, bedding: 63 deg to c.a, cleavage: 44 deg to c.a.. 106.80 115.70 80% MUDSTONE: disrupted bedding, 2.5% quartz veinlets of, 10% siderite veinlets of, 2.5% graphite stringers of. 118.60 118.90 90% MUDSTONE: finely bedded, bedding: 45 deg to c.a. 121.50 121.90 90% MUDSTONE: finely bedded, bedding: 46 deg to c.a, 2.5% pyrite lenses of. 126.00 126.30 90% MUDSTONE: finely bedded, bedding: 15 deg to c.a. 128.15 128.30 100% VEIN: vein: 30 deg to c.a, 70% quartz veinlets of, 30% siderite veinlets of. 136.00 136.30 100% MUDSTONE: finely bedded, bedding: 24 deg to c.a. 139.20 139.30 100% FAULT: fault: 47 deg to c.a. 144.60 144.70 60% MUDSTONE: finely bedded, graded bedded, bedding: facing uphole, 60 deg to c.a. 144.80 148.30 90% MUDSTONE: disrupted bedding, 1% pyrite lenses of.	
148.30	148.95			FAULT: dark gray, fault: 64 deg to c.a, fault: 64 deg to c.a..	ROSEBERY FAULT
148.95	185.00			MUDSTONE: very dark gray, fractured, veined, massive, 2.5% siderite veinlets of. 152.85 152.90 100% MUDSTONE: fault: 72 deg to c.a.	DUNDAS GROUP CAMBRIAN

R.G.C. Exploration Pty Ltd
RING
SURFACE DIAMOND DRILLHOLE : RRD002 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
					155.22 155.24 100% MUDSTONE: fault: 45 deg to c.a. 158.90 159.00 100% MUDSTONE: finely bedded, bedding: 56 deg to c.a. 163.50 163.60 100% MUDSTONE: finely bedded, bedding: 54 deg to c.a. 164.40 164.50 100% MUDSTONE: finely bedded, bedding: 0 deg to c.a. 169.00 169.20 100% MUDSTONE: finely bedded, bedding: 42 deg to c.a. 172.90 173.05 100% MUDSTONE: fault: 16 deg to c.a. 175.80 175.90 100% MUDSTONE: finely bedded, bedding: 45 deg to c.a. 177.18 177.22 100% MUDSTONE: fault: 42 deg to c.a. 178.00 178.10 100% MUDSTONE: finely bedded, bedding: 47 deg to c.a.	
	185.00	200.02			BRECCIA: dark gray, 70%, mudstone, 20%, sandstone clasts, nodular, 10% siderite stringers of.	DUNDAS GROUP CAMBRIAN
	200.02	203.40			SANDSTONE: pale grey, massive, 2.5% siderite veinlets of, 40% silica alteration.	DUNDAS GROUP CAMBRIAN
	203.40	205.15			MUDSTONE: very dark gray, 20%, sandstone, brecciated, 2.5% siderite veinlets of.	DUNDAS GROUP CAMBRIAN
	205.15	210.00			SANDSTONE: pale grey, 20%, mudstone, brecciated, feldspar phyric, 2.5% siderite veinlets of.	DUNDAS GROUP CAMBRIAN
R	205.15	210.00			THIS ROCK LACKS DISTINCT BEDDING,HAS EXTREHLY CONVOLUTED AND	
R	205.15	210.00			BRECCIATED CONTACTS AND CONTAINS COARSE FRESH FELDSPAR.IT HAY	
R	205.15	210.00			BE A SUBMARINE EXTRUSIVE,IN PART REWORKED.	
	210.00	213.76			MUDSTONE: very dark gray, brecciated, finely bedded, 2.5% siderite veinlets of.	DUNDAS GROUP CAMBRIAN
	213.76	216.00			SANDSTONE: pale green, massive, 5% siderite veinlets of.	DUNDAS GROUP CAMBRIAN
	216.00	216.95			MUDSTONE: very dark gray, brecciated, 2.5% siderite veinlets of.	DUNDAS GROUP CAMBRIAN
	216.95	218.60			SANDSTONE: pale grey, brecciated, 2.5% siderite veinlets of.	DUNDAS GROUP CAMBRIAN
	218.60	221.50			MUDSTONE: dark gray, brecciated, 5% siderite veinlets of.	DUNDAS GROUP CAMBRIAN

R.G.C. Exploration Pty Ltd
RING
SURFACE DIAMOND DRILLHOLE : RRD002 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	223.35	224.05			MUDSTONE: dark gray, 2.5% siderite veinlets of.	DUNDAS GROUP CAMBRIAN
	224.05	224.80			SILSTONE: pale green, massive, 1% pyrite euhedral crystals of.	DUNDAS GROUP CAMBRIAN
	224.80	229.50			MUDSTONE: dark gray, finely bedded.	DUNDAS GROUP CAMBRIAN
	229.50	233.15			SILSTONE: pale green, massive, 30% silica alteration.	DUNDAS GROUP CAMBRIAN
	233.15	235.60			MUDSTONE: dark gray, brecciated, 5% siderite veinlets of.	DUNDAS GROUP CAMBRIAN
	235.60	237.60			SILSTONE: pale green, massive.	DUNDAS GROUP CAMBRIAN
R	235.60	237.60			SHARP LOWER CONTACT DISCORDANT TO BEDDING IN MUDSTONE, LOOKS	
R	235.60	237.60			LIKE AN INTRUSIVE CONTACT	
	237.60	244.90			MUDSTONE: dark gray, 10%, siltstone, disrupted bedding, 2.5% siderite veinlets of, .03% sphalerite blebs of.	DUNDAS GROUP CAMBRIAN
	244.90	251.60			SILSTONE: pale green, stockworked.	DUNDAS GROUP CAMBRIAN
	251.60	255.00			MUDSTONE: very dark gray, finely bedded, disrupted bedding, 1% siderite veinlets of.	DUNDAS GROUP CAMBRIAN
	255.00	255.90			SILSTONE: pale green, stockworked.	DUNDAS GROUP CAMBRIAN
	255.90	265.90			MUDSTONE: dark gray, 10%, siltstone, stockworked, 1% siderite veinlets of.	DUNDAS GROUP CAMBRIAN
	265.90	272.20			SILSTONE: pale green, 10%, mudstone, stockworked.	DUNDAS GROUP CAMBRIAN
	272.20	282.20			MUDSTONE: very dark gray, stockworked, 1% siderite veinlets of.	DUNDAS GROUP CAMBRIAN
	282.20	283.00			SILSTONE: light green.	DUNDAS GROUP CAMBRIAN

R.G.C. Exploration Pty Ltd
RING
SURFACE DIAMOND DRILLHOLE : RRD002 (CONTINUED)

001 ASSAYS

From	To	Number	COPPER	LEAD	ZINC	SILVER	ARSENIC	GOLD
10.00	11.00	29326	45.000	180.000	560.000	-0.500	58.000	0.020
20.00	21.00	29327	35.000	485.000	830.000	1.000	29.000	0.030
30.00	31.00	29328	25.000	125.000	740.000	1.000	-1.000	0.030
40.00	41.00	29329	65.000	70.000	155.000	-0.500	9.000	0.015
50.00	51.00	29330	65.000	190.000	295.000	1.000	28.000	0.020
60.00	61.00	29331	20.000	180.000	215.000	1.000	11.000	0.025
70.00	71.00	29332	25.000	30.000	70.000	1.000	9.000	0.010
80.00	81.00	29333	50.000	10.000	95.000	-0.500	3.000	0.025
90.00	91.00	29334	40.000	30.000	160.000	-0.500	15.000	0.015
100.00	101.00	29335	40.000	15.000	60.000	-0.500	35.000	0.030
110.00	111.00	29336	35.000	-5.000	45.000	-0.500	100.000	0.025
120.00	121.00	29337	40.000	60.000	140.000	-0.500	16.000	0.020
130.00	131.00	29338	30.000	20.000	55.000	-0.500	15.000	0.035
140.00	141.00	29339	20.000	5.000	40.000	-0.500	-1.000	0.025
150.00	151.00	29341	40.000	-5.000	45.000	-0.500	15.000	0.015
160.00	161.00	29342	45.000	-5.000	85.000	-0.500	11.000	0.015
170.00	171.00	29343	45.000	-5.000	60.000	-0.500	7.000	-0.008
180.00	181.00	29344	65.000	-5.000	35.000	-0.500	16.000	0.010
190.00	191.00	29345	5.000	-5.000	60.000	-0.500	6.000	0.035
200.00	201.00	29346	5.000	-5.000	60.000	-0.500	12.000	0.020
210.00	211.00	29347	20.000	5.000	40.000	-0.500	10.000	0.025
220.00	221.00	29348	40.000	-5.000	65.000	-0.500	4.000	0.040
230.00	231.00	29349	5.000	45.000	95.000	-0.500	7.000	0.035
240.00	241.00	29350	15.000	10.000	75.000	-0.500	5.000	0.030
250.00	251.00	29351	5.000	10.000	85.000	-0.500	4.000	0.020
260.00	261.00	29352	20.000	325.000	470.000	1.000	11.000	0.020
270.00	271.00	29353	20.000	-5.000	80.000	-0.500	3.000	0.035
280.00	281.00	29354	60.000	245.000	190.000	-0.500	9.000	0.025

15134

APPENDIX 8

Gold Assay Standards

GOLD ASSAY STANDARDS

Current recommended values. 3.MAY.991

151320

0313

ID	MEAN GRADE	PREC. %	ACCEPT. RANGE(95%)		STAT	DATE	LAB	DESCRIPTION
B0	-0.002	100	-0.00	-0.00	2BOX	1.NOV.87	BEQ**	BURRAGA QTZ SST AND MINOR CHLORITE
B10	0.061	5	0.05	0.06	1BOX	20.MAR.90		LUCKY DRAW BLENDED WITH BASALT
B11	5.050	4	4.65	5.56	3BOX	5.JUL.89	BEQ	LUCKY DRAW OXIDIZED
B12	3.280	6	2.95	3.61	2BOX	20.MAR.90	BEQ	LUCKY DRAW BLENDED WITH BASALT
B12X	0.104	4	0.09	0.11	3BOX	1.APR.91	BEQ	LUCKY DRAW BASALT BLENDED
B13	0.498	2	0.45	0.55	2BOX	20.MAR.90		LUCKY DRAW BLENDED WITH BASALT
B20	1.770	2	1.69	1.95	4BOX	5.JUL.89	BEQ	LUCKY DRAW OXIDIZED
B4	0.250	30	0.18	0.33	1BIN	1.JAN.88	BEQ	BURRAGA HC QTZ CHLORITE
B5	3.500	8	3.15	3.85	1BIN	1.NOV.87	BEQ**	BURRAGA HC QTZ CHLOR
B6	17.000	5	15.30	18.70	2BIN	1.JUN.87	NAA	BURRAGA RAB
B66	6.900	5	6.21	7.59	1BIN	1.JUN.87	NAA	BURRAGA RAB
B8	1.190	3	1.07	1.31	4BOX	5.JUL.89	BEQ	LUCKY DRAW OXIDIZED
B9	3.140	3	2.83	3.45	3BOX	5.JUL.89	BEQ	LUCKY DRAW OXIDIZED
BRB1	3.565	30	2.50	4.63	1BOX	1.MAY.87	BEQ	BARAMBAH OXIDIZED
BRB2	1.100	7	0.99	1.21	1BIN	1.MAY.88	BEQ	BARAMBAH OXIDIZED
BRB3	0.308	8	0.28	0.34	1BOX	1.MAY.88	BEQ	BARAMBAH OXIDIZED
BRB4	0.143	20	0.11	0.17	1BIN	1.MAY.88	BEQ	BARAMBAH OXIDIZED
BRB5	0.074	17	0.06	0.09	2BIN	1.MAY.88	BEQ	BARAMBAH OXIDIZED
FMC1	0.236	35	0.15	0.32	2BOX	1.JUN.88	BEQ	FOUR MILE CK. NSW SERI. CARBONATE PYRITE
FMC2	2.911	13	2.53	3.29	1BOX	1.JUN.88	BEQ	FMC NSW SILTSTONE
FMC3	1.797	15	1.53	2.07	1BOX	1.JUN.88	BEQ	FMC NSW PYRITIC ACID INTRUSIVE
FMC4	0.370	10	0.33	0.41	1BOX	1.JUN.88	BEQ	FMC NSW CHERTY SILT
FMC5	0.771	40	0.46	1.08	1BOX	1.JUN.88	BEQ	FMC NSW CARBON SILTSTONE
FMC6	0.300	30	0.21	0.39	2BOX	1.JUN.88	BEQ	FMC NSW CHERTY SILTSTONE
FMC7	1.731	45	0.96	2.51	4BOX	1.JUN.88	BEQ	FMC NSW SULPHIDIC SILTSTONE
GC10	2.780	6	2.50	3.06	1BIN	1.MAR.88	BEQ**	PINE CREEK OXIDIZED
GC12	3.500	15	2.98	4.03	2BOX	1.AUG.87	BEQ	PINE CREEK OXIDIZED
GC14	1.917	4	1.73	2.11	7BOX	1.FEB.90	BEQ	PINE CREEK PART OXIDIZED
GC15	3.276	4	2.95	3.60	2BOX	1.FEB.90	BEQ	PINE CREEK PART OXIDIZED
GC3A	1.258	20	1.01	1.51	2BOX	1.MAR.88	BEQ**	PINE CREEK OXIDIZED
GC4A	1.329	8	1.20	1.46	2BOX	1.AUG.87	BEQ	PINE CREEK OXIDIZED
GC5	1.442	10	1.30	1.59	2BOX	1.MAR.88	BEQ**	PINE CREEK OXIDIZED
GC7	7.400	15	6.29	8.51	2BOX	18.JUN.87	ANALAB	PINE CREEK OXIDIZED
GC8	0.753	15	0.64	0.87	1BOX	1.JUN.87	ANALAB	PINE CREEK OXIDIZED
MAG	0.540	15	0.46	0.62	1BOX	1.MAR.88	BEQ**	MT.MAGNET BIF OXIDIZED
MC1	1.600	10	1.44	1.76	1BIN	1.NOV.87	BEQ**	MT.COOLON OXIDIZED
MC2	1.550	8	1.40	1.71	5BIN	1.MAR.88	BEQ**	MT.COOLON OXIDIZED
MC3	6.130	4	5.52	6.74	1BOX	1.MAR.88	BEQ**	MT.COOLON OXIDIZED
MC6	0.888	5	0.80	0.98	6BOX	1.FEB.90	BEQ	MOUNT COOLON OXIDIZED
MD1	0.387	6	0.36	0.43	2BOX	1.AUG.87	BEQ	MT.DAVID CLAY OXIDIZED
MD2	0.400	25	0.30	0.50	1BOX	1.AUG.87	BEQ	MT.DAVID CLAY OXIDIZED
MD3	1.000	15	0.85	1.15	1BIN	1.MAR.88	BEQ**	MT.DAVID CLAY OXIDIZED
MM1	0.555	15	0.47	0.64	1BOX	1.JUN.87	ANALAB	MT.MORGAN STREAM SED.
MM2	1.320	30	0.92	1.72	3BIN	1.MAR.88	BEQ	MILKY WAY PART OXID
MM3	0.370	15	0.31	0.43	3BIN	1.MAR.88	BEQ	MILKY WAY PART OXID
PHQ	1.510	10	1.36	1.66	2BIN	1.JUN.87	ANALAB	PEAK HILL
PHR	0.668	10	0.60	0.74	3BIN	1.JUN.87	ANALAB	PEAK HILL
PHZ	0.965	17	0.80	1.13	2BOX	1.JAN.88	BEQ	PEAK HILL OXIDIZED
POX	1.220	15	1.04	1.40	1BOX	1.MAR.88	BEQ**	WAU PN8 PARTIALLY OXIDIZED
PRIM	0.990	15	0.84	1.14	2BOX	1.NOV.87	BEQ**	WAU PN8 PRIMARY
WAU	0.617	16	0.52	0.72	4BIN	1.JAN.88	BEQ	WAU PN8 OXIDIZED

ID	MEAN GRADE	PREC. %	ACCEPT. RANGE(95%)		STAT	DATE	LAB	DESCRIPTION
B1	1.000	20	0.80	1.20	GONE	1.NOV.87	BEQ**	BURRAGA HC QTZ CHLOR
B2	0.020	50	0.01	0.03	GONE	1.JUN.87	ANALAB	BURRAGA RAB
B24	2.900	7	2.61	3.19	GONE	1.JUN.87	NAA	BURRAGA RAB
B25	0.832	4	0.75	0.92	GONE	1.AUG.87	BEQ	BURRAGA RAB
B3	0.050	15	0.04	0.06	GONE	1.NOV.87	BEQ**	BURRAGA HC QTZ CHLOR
B43	1.600	5	1.44	1.76	GONE	1.JUN.87	NAA	BURRAGA RAB
B44	0.590	5	0.53	0.65	GONE	1.JUN.87	NAA	BURRAGA RAB
B65	1.700	5	1.53	1.87	GONE	1.JUN.87	NAA	BURRAGA RAB
B7	3.200	7	2.88	3.52	GONE	1.JUN.87	NAA	BURRAGA RAB
B71	0.130	20	0.10	0.16	GONE	1.JUN.87	ANALAB	BURRAGA RAB
B72	0.640	10	0.58	0.70	GONE	1.JUN.87	NAA	BURRAGA RAB
GC1	1.420	30	0.99	1.85	GONE	1.JUN.87	ANALAB	PINE CREEK OXIDIZED
GC11	0.610	15	0.52	0.70	GONE	1.JUN.87	ANALAB	PINE CREEK OXIDIZED
GC13	3.850	5	3.47	4.24	GONE	1.JAN.88	BEQ	PINE CREEK PART.OXIDIZED
GC2	1.310	20	1.05	1.57	GONE	1.JUN.87	ANALAB	PINE CREEK OXIDIZED
GC3	1.064	20	0.85	1.28	GONE	1.FEB.87	ANALAB	PINE CREEK OXIDIZED
GC4	1.334	10	1.20	1.47	GONE	1.JUN.87	ANALAB	PINE CREEK OXIDIZED
GC6	0.736	10	0.66	0.81	GONE	1.JUN.87	NAA	PINE CREEK
GC9	3.120	8	2.81	3.43	GONE	1.JUN.87	KML	PINE CREEK
MC4	12.800	8	11.52	14.08	GONE	1.JAN.88	BEQ	MT.COOLON OXIDIZED
MC5	2.417	3	2.18	2.66	GONE	1.JUN.88	BEQ	MT. COOLON PARTIALLY OXIDIZED?
MM4	2.250	20	1.80	2.70	GONE	1.MAR.88	BEQ	MILKY WAY PART OXID

LAB. refers to laboratory from which grade is determined

MEAN GRADE is mean of 10 * 30gm. neutron activation analyses in a single contiguous batch at respective LAB.

PRECISION is (200 * std.dev.) / mean

ACCEPT RANGE is calculated from mean + 2 std.dev. from test lab
OR mean +/- 10% , whichever is greatest.

STAT GONE standard no longer available
STAT 1BIN approx. 100 standards.
STAT 1BOX approx. 1000 standards.
LAB marked BEQ** have estimates which are suspected of being 15% too low. The precision estimates of the standards are reasonaby good Consequently these standards are available for use as repeatability standards

Current Cost $2.00 / each

RGC EXPLORATION PTY. LIMITED

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0329

E.L. 101/87 DUNDAS AND

E.L. 13/88 MOORES PIMPLE

ANNUAL REPORT 1990/91

Volume 2

91-3285

MINES
File Ref. E.L. 101/87, E.L. 13/88
- 5 AUG 1991
Doc. Ref.
Action Officer | Initials
Refer to Cover sheet 1.8.91
Resubmit to | Date

MICROFILMED

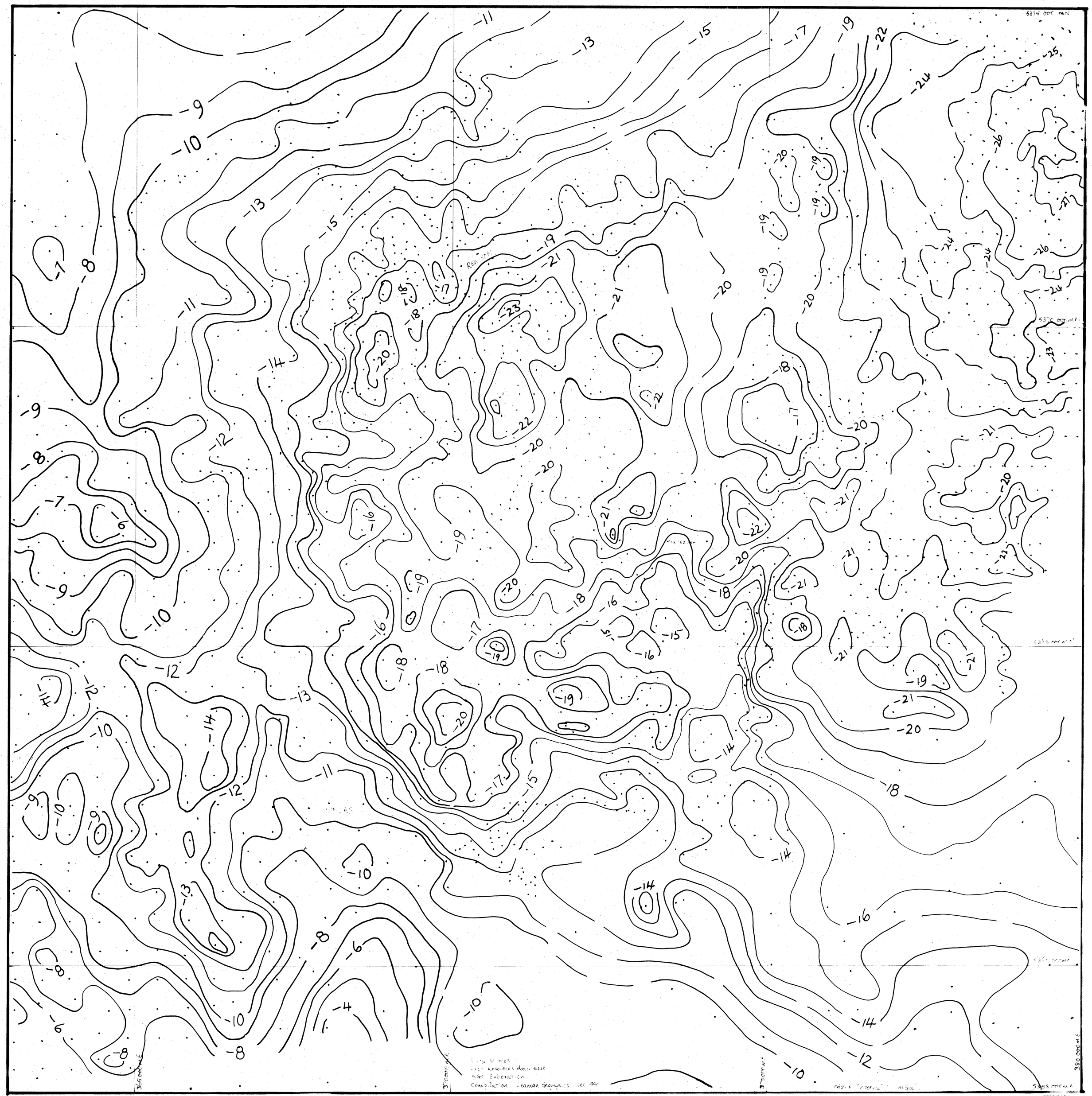
Compiled By: D.J.F. Crossing
Senior Geologist

Report No. T/91/12

Endorsed By: M.J. Fleming
Senior Exploration Geologist

Circulation: Division of Mines & Mineral Resources (1)
RGC Exploration (2)

10244



5522/046

DUNDAS REGION GRAVITY SURVEY

BOUGUER ANOMALY

$\rho = 2.67$ gm/cc

91-3285. MAP 1

151322

10246

RENISON M.L.

E.L. 101/87

E.L. 42/87

E.L. 13/88

PASMINCO M.L.

RING RIVER GRID

MONTEZUMA GRID

MT. DUNDAS GRID

ZEEHAN

MOUNT HAMILTON

MOUNT READ

Williamsford

Commonwealth Hill

Black Hill

Carbine Hill

Kosminski Hill

Misery Hill

MT. RAZORBACK

MT. DUNDAS

PARTING CREEK LAKE

Lake Johnston

Dundas

Frazer Falls

Montezuma Falls

Copper Knob

Tower

Airfield

RRD 001

RRD 002

MZ 001

MZ 002

MZ 003

MZ 004

MZ 005

Abandoned

Tramway

Gauge 36"

Railway

Aerial Ring

Creek

River

Falls

Spur

Ridge

Road

Highway

Fault

Bearing

Dip Head

Tailings

Pipeline

Concert

Comet

Climax

Rayna

Nexada

Melba

Henty

Emu Bay

Zeehan R.

Little Henty

Dip Slope

Moores Pimple

Jones

Dobson

White

Ong

Rosebery

Tullah

Strahan

Queenstown

Zeehan

Renison Bell

Melba Flats

Grand Junction

Murchison

Great Northern

Kopi Kapi

Confidence Reef

Montezuma

Abandoned

Dundas

Comet

Climax

Concert

Creek

Road

Highway

Fault

Ridge

Spur

Falls

10247

RENISON M.L.

PASMINCO M.L.

E.L. 101/87

E.L. 42/87

E.L. 13/88

RING RIVER GRID

MONTEZUMA GRID

MT. DUNDAS GRID

Abandoned Tramway

Commonwealth Hill

Confidence Saddle

Williamsford

Dunhams Tramway

Henty River

Creek

Melba Flats

Melba Creek

Little Henty

Abandoned Gauge 3'6"

Nevada Creek

HIGHWAY

Black Hill

Kopi Creek

Abandoned Tramway

Montezuma Falls

Frazer Falls

Spicers Creek

Gordon Ridge

Huts

Carbine Hill

Scrutiny Creek

Bolton Creek

Moores Pimple

Copper Knob

Baker Creek

MOUNT HAMILTON

MOUNT READ

Tower

Lake Johnston

White Spur

Dobson Creek

PARTING CREEK LAKE

Bulling

Zeehan Rly

Zeehan Rly Creek

EMU BAY

Rayna

Little Henty River

ZEEHAN

Airfield

MURCHISON HIGHWAY

MT. RAZORBACK

Leslie Station Creek

DUNDAS ROAD

Dundas

Abandoned

Misery Hill

ZEEHAN HIGHWAY

Climie Creek

Comet Creek

Kosminski Hill

South Comet Creek

MT. DUNDAS

Falls

Obs Spur Creek

LEGEND

1989/90 GRID

1989/90 DRILL HOLES

HELIPADS

GRID / MAGNETIC ANGLE 11°E (1988)

M.A. moves Easterly by about 1° every 2 yrs

SHEET LAYOUT

STRINGER	ROSEBERY	TULLAH
HEEMSKIRK	DUNDAS	SELINA
TRIAL	OCEANA	TYNDALL

RGC EXPLORATION PTY. LIMITED

151325

E.L. 101/87 & 13/88

DRILLHOLE AND GRID LOCATION PLAN

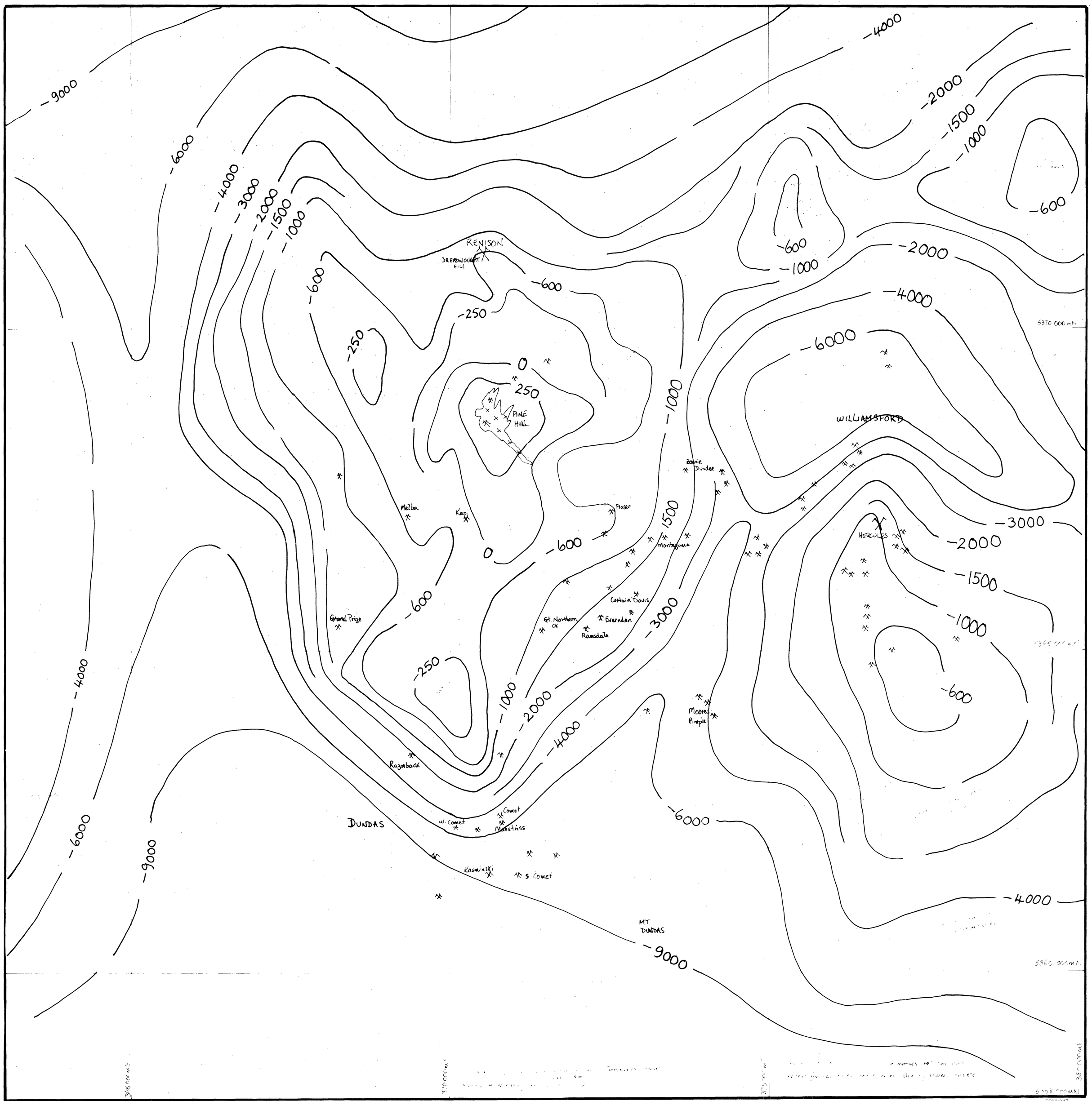
5 cm

DRAWN BY	M O W
DRAFTSMAN	
DATE	MAY 1990
REVISIONS	
FILE NO.	5522/001
PLAN 2.	

SCALE 1:25 000 — 500 0 500 1000 METRES

91-3285

10245



Leaman Geophysics for R&C Exploration

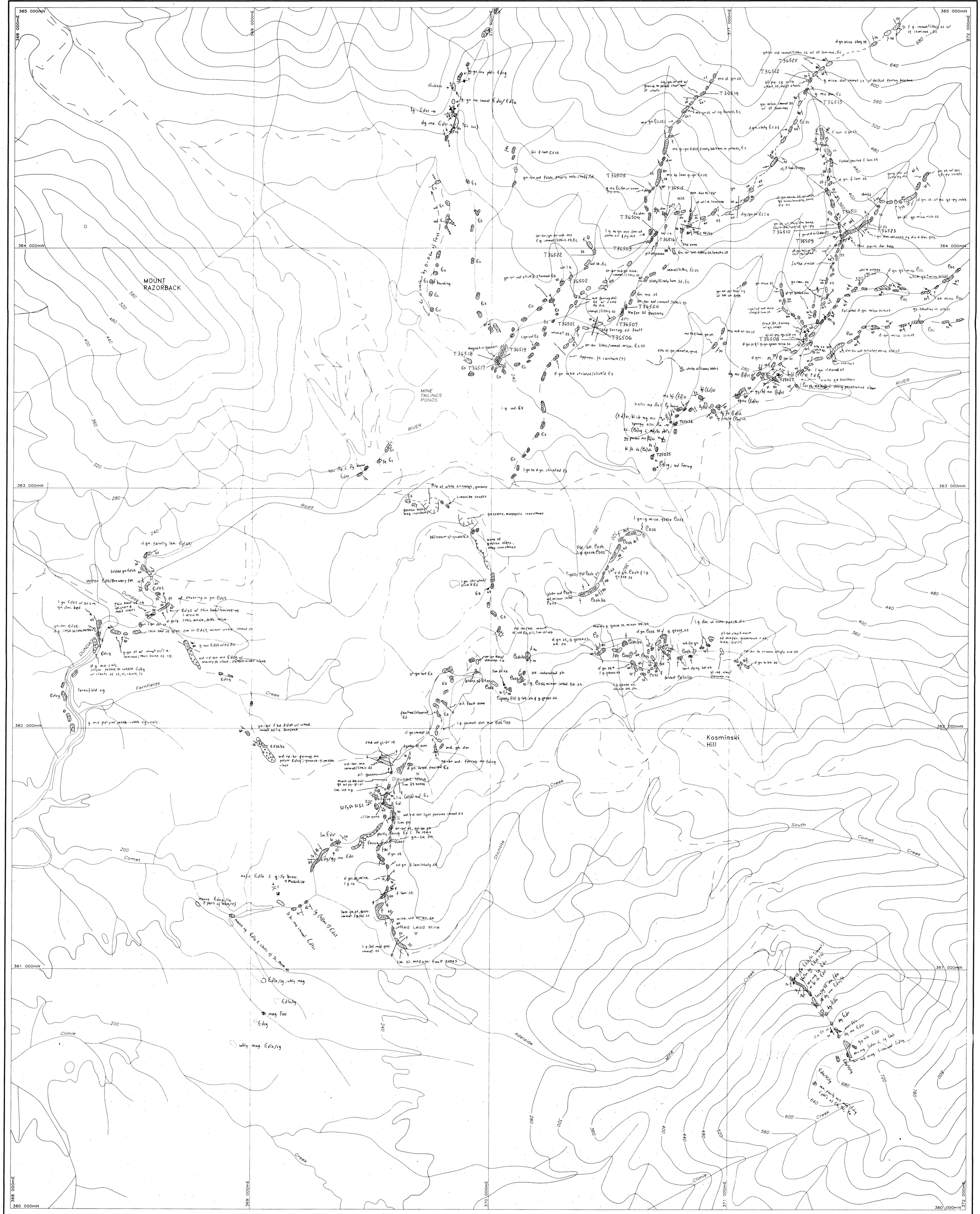
5522/047

DUNDAS REGION GRAVITY SURVEY
INTERPRETATION
FORM OF PINE HILL GRANITE

91-3285. MAP 2

151323

16249



STRATIGRAPHY

Cambrian Dundas Group	Ed		
	Edcg	conglomerate	
	Edss	sandstone	
	Edst	siltstone	
Cambrian Crimson Ck Fm	Ec		
	Ecla	lithic arenite	
	Ecss	sandstone	
	Ecst	siltstone	
	Ecdm	dolomite	
Cambrian Serpentinite	Es		
Proterozoic Concert Schist	Poc		
Proterozoic Oonah Fm	Po		
	Post	siltstone	
	Posh	shale	
	Poss	sandstone	
	Pocg	conglomerate	
	Podm	dolomite	

SYMBOLS

- Bedding attitude, measured: 0-29°; 30-59°; 60-89°; vertical
- Joint; vertical, inclined
- Shear; vertical, inclined
- Cleavage
- Schistosity, vertical, inclined
- Fault, vertical, inclined
- Small syncline
- Vein
- Outcrop
- Float; scree
- Trench
- Pit
- Shaft
- Adit, tunnel
- Gossan
- T36501 sample location and number

ABBREVIATIONS

bl	black	f. lam	finely laminated	mx	massive	slicken	slickenside
boxw	boxwork	Fe, ferrug	Iron, ferruginous	mnfer	manganiferrous	surf	surface
br	brown	fld	folded	mag	magnetic	ss	sandstone
brecc	breccia, brecciated	f.g.	fine grained	mdst	mudstone	st	siltstone
bf	buff	ft	fault	mica.	micaceous	Tf	Tuff
cleav	cleavage	gl	galena	or	orange	vn	vein
cg	conglomerate	g	gray	polym	polymictic	wd	weathered
decomp.	decomposed	gn	green	pbl	pebble		
dis	disseminations	grap	graphitic	py	pyrite, pyritic		
d.g.	dark gray	lntbd	interbedded	qz	quartz		
d.gn	dark green	immat	immature	sid	siderite		
dm	dolomite	lam	laminated	sil	siliceous		
dol	dolomitic	l.g	light gray	silfd	silicified		
f.bd.	finely bedded	l.gn	light green	sl	sphalerite		

91-3285.

RGC EXPLORATION PTY. LIMITED 151326

DUNDAS AREA E.L. 101/87

CARBINE HILL

FACTUAL GEOLOGY AND SAMPLE LOCATION PLAN

COMPILED	
DRAWN	M.WALTER
DATE	FEB. 1991
CHECKED	
1:25000 REF.	

DRAWING ID. 5522/052

0 50 100 200 300 400m SCALE 1:5000

PLAN 4

5 cm

10248

LEGEND

CAMBRIAN

- €dre — RED LEAD CONGLOMERATE — Pebble – boulder conglomerate
- €dh — HODGE SLATE — Indurated siltstone, minor lithic sandstone and conglomerate.
- €dra — RAZORBACK CONGLOMERATE — Fine pebble chert – clast conglomerate
- €db — BREWERY JUNCTION FORMATION — Siltstone, immature sandstone, tuff conglomerate.
- €c — CRIMSON CREEK FORMATION — Lithic arenite/wacke, siltstone, dolomite, conglomerate
- €s — SERPENTINE

PRE-CAMBRIAN

- Po — OONAH FORMATION — mainly laminated siltstone; shale dolomite, conglomerate, sandstone.
- Pou — CONCERT SCHIST — mica schist, quartz-mica schist, quartz schist, slate.

- INFERRED GEOLOGICAL BOUNDARY
- INFERRED FAULT
- ANTICLINE
- SYNCLINE
- BEDDING STRIKE & DIP 0–30°
- " " " 31°–60°
- " " " 61°–90°
- TREND OF SCHISTOCITY
- TRACE OF BEDDING TRENDS
- CLEAVAGE
- VEIN
- GOSSAN – Limonite, Mn oxide, ∓ silica.

91-3285.

RGC EXPLORATION PTY. LIMITED 151327

DUNDAS AREA E.L. 101/87

CARBINE HILL

GEOLOGY INTERPRETATION

COMPILED	
DRAWN	M.WALTER
DATE	FEB. 1991
CHECKED	
1:25000 REF.	

DRAWING ID. 5522/048

SCALE 1:5000

PLAN 3

10250

FACTUAL GEOLOGY

E.L. 13/88 BOUNDARY

MOORES PIMPLE

SVENGALI

RING RIVER

HERCULES CABLEWAY

Coppers Knob

Booker Creek

Montezumo Falls

Svengali Falls

Godkin Ridge

Mount Hamilton

Hercules Mine

White Spur

Moores Pimple

7000N.

6800N.

6600N.

6400 N.

6200N.

6000N.

5800 N

5600N.

5400N.

5200N.

5000N.

4800N.

4600N.

4400N.

Refer to Plan 11 for sample locations in this area

Alteration zone (Suh '91)

18 (Edw)la/st (gy, fb)

19 gy (Edw)st/(Edw)ls (flat lying?) fg

impure (tuffac.?) (Edw)ls ± sh interbeds or fsp-phyric locally conglomeratic (Edw)la

fsp-phyric mx Volcaniclast (Edw)

fsp-phyric (Edw) la

LEGEND

- Eug Gabbro
- Eub Altered Basalt
- Eus Mafic Volcaniclastic Siltstone
- Ewf Medium to Coarse-Grained Felsic Volcanic Lithicwacke and Breccia
- Ewt Turbiditic / Interbedded Fine Grained Felsic Lithicwacke and Micaceous Siltstone
- Ewtw Fine-Grained Felsic Lithicwacke
- Ewts Micaceous Siltstone
- Edq Quartzwackes
- Edm Argillaceous - Cherty Mudstone / Siltstone
- Edt Turbiditic / Interbedded Quartzwackes and Argillaceous Siltstones / Mudstones
- Edc Polymictic Conglomerate
- Edv Felsic Vitric Tuffs
- Edp Quartz Porphyry
- Es Silicified Rocks

SYMBOLS

- Strike and Dip of Bedding
- Bedding and Facing
- Cleavage
- Fault Plane
- Prominent Joints
- Trace of Fault
- Outcrop Boundary
- Area of Float Rock
- R28 - Lithotype Specimen
- T7957 - Analytical Sample

151328

91-3285.

5cm

RGC EXPLORATION PTY. LIMITED

(INC. IN N.S.W.)

COMPILED	W.H. M.W.
DRAWN	
DATE	22-2-89
CHECKED	
1:25,000 REFERENCE	DUNDAS

MOORES PIMPLE - E.L. 13/88

RING RIVER GRID

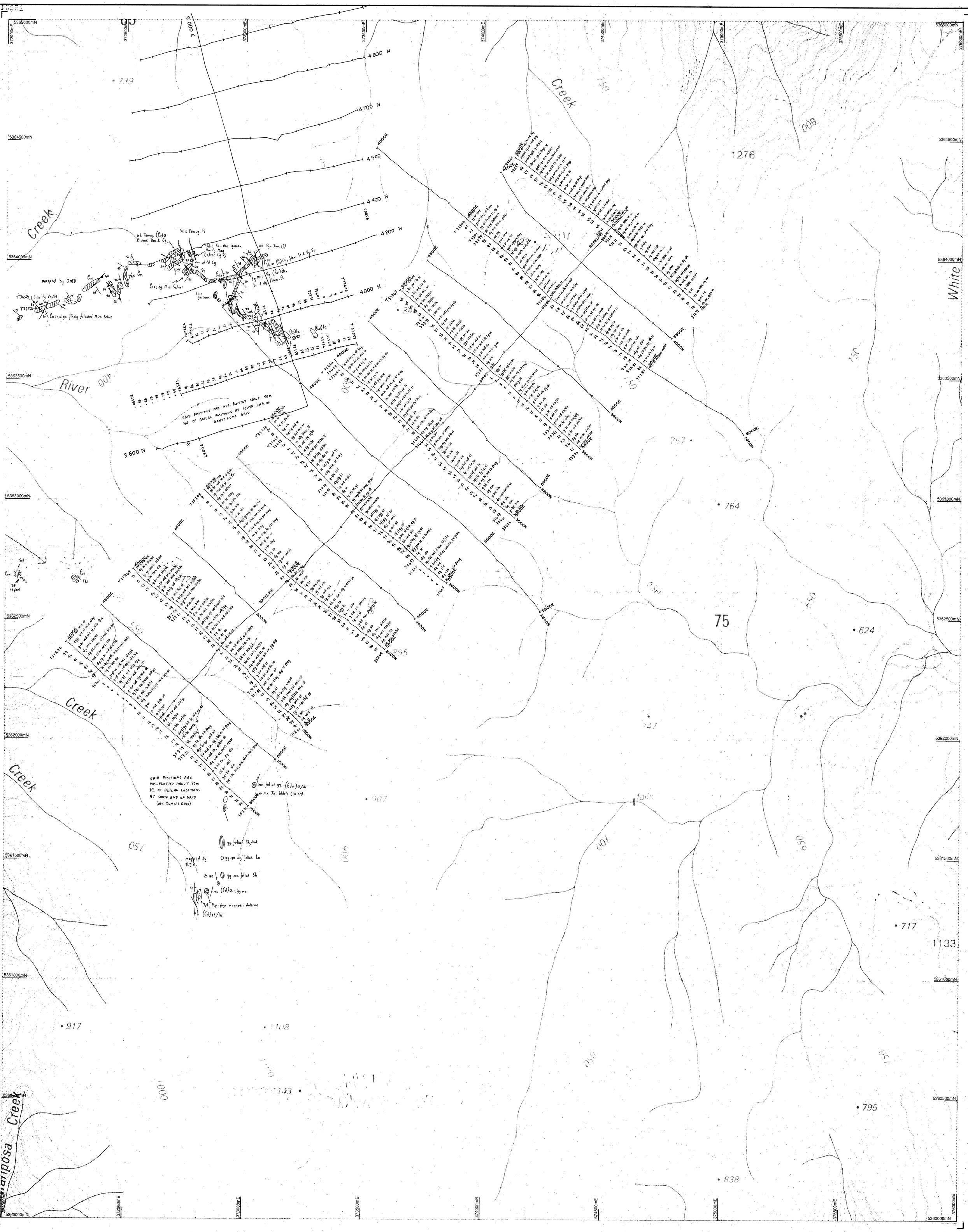
FACTUAL GEOLOGY AND SAMPLE LOCATION PLAN

BASE PLAN No. 5524/009

OVERLAY PLAN No.

SCALE 1:5000 METRES

PLAN 5



LEGEND

Bedding
Joint
Foliation
Schistosity
Folds
Fault
Cleavage

Shaft
Adit
Trench

alt - altered
bf - buffed
bk - black
br - brown
cc - carbonate/calcareous
cg - conglomerate
ch - chert
chl - chlorite
dg - dark green
dis - disseminated
epi - epidote
fb - finebedded
fe - iron
flam - finely laminated
felds - feldspathic
fg - fine grained
frac - fracture
frag - fragments
g - green
goss - gossan
gr/graph - graphite
gy - grey
intbd - interbedded
lam - laminated
la - lithic arenite
lg - light green
lith - lithic
Hm - hematite
Jam - Jamesonite
md - mudstone
meta - metamorphosed
mg - medium grained
mic - micaceous
musc - muscovite
or - orange
p - pink
por - porous
py - pyrite
qz - quartz
rx - rock
sh - shale
sil - siliceous
sla - slate
ss - sandstone
st - siltstone
sulph - sulphides
Tf - Tuff
Tss - Tuffaceous sandstone
v - very
vnlet - veinlet vn - vein
vol - volcanic
wd - weathered
wh - white
Xtalline - crystalline
yl - yellow

STRATIGRAPHY

JURASSIC — Jdl — Jurassic dolerite

CAMBRIAN — Ed — Dundas group (undifferentiated); Edw — White Spur Fm.

PROTEROZOIC — Co — Oonah Fm (undifferentiated); Cod — Maestries conglomerate (dolomitic); Cos — Concert Schist

GRID BASED FACTUAL GEOLOGY IS BASED ON LOGGING OF AUGER SAMPLES (BY DMD)

151329

5 cm

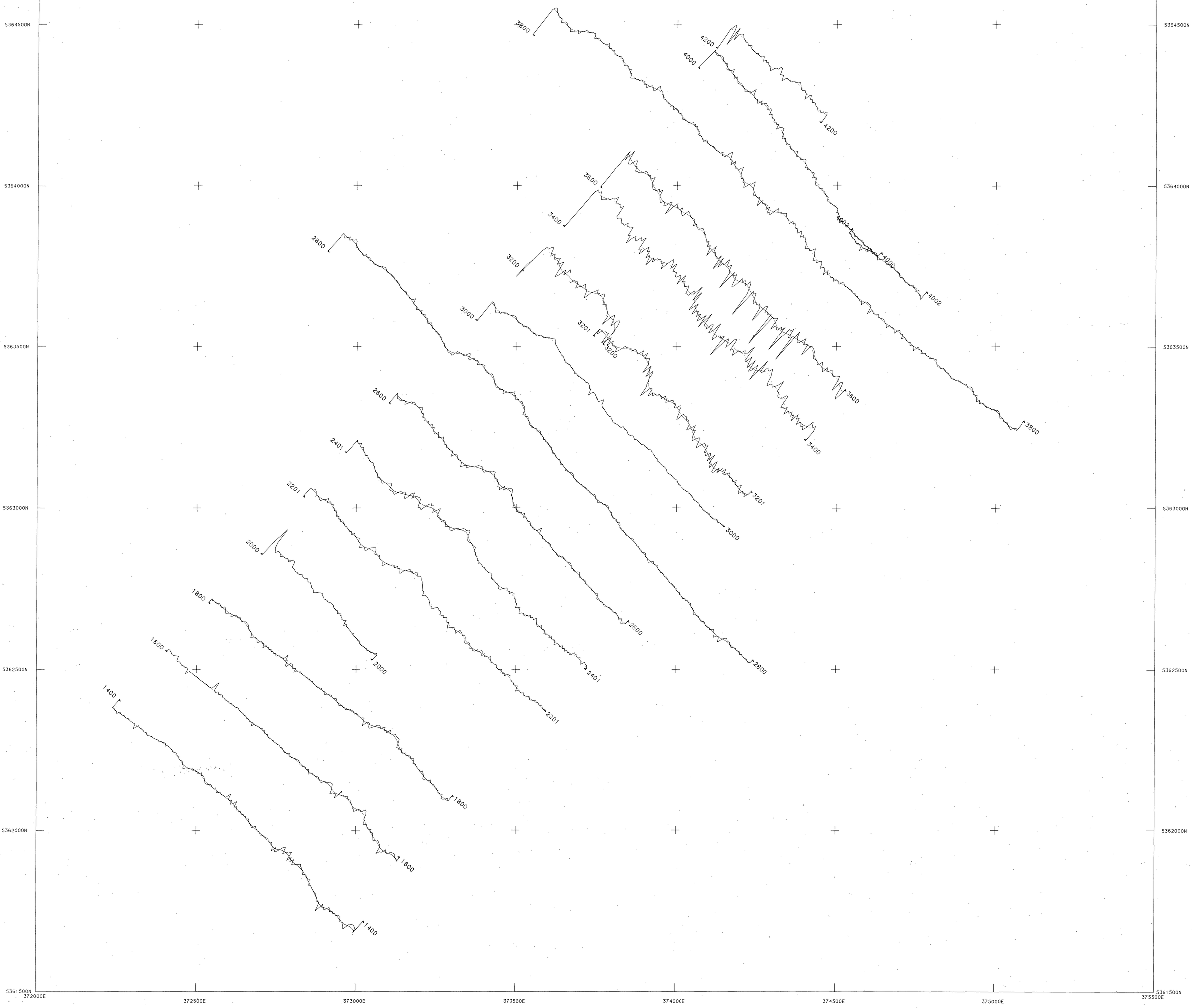
91-3285.

RGC EXPLORATION PTY. LIMITED (INC. IN N.S.W.)		
	COMPILED	DMD/DJC
	DRAWN	GQ/DJC
	DATE	April 1991
	CHECKED	DJC
	1:25,000 REFERENCE	
E.L. 13/88		
MT. DUNDAS GRID		
FACTUAL GEOLOGY AND SAMPLE LOCATION PLAN		
BASE PLAN No. 5524/037	SCALE 1:5 000	50 0 50 100 200m
OVERLAY PLAN No.		PLAN 6

12852

372000E 372500E 373000E 373500E 374000E 374500E 375000E 375500E

5365000N 5364500N 5364000N 5363500N 5363000N 5362500N 5362000N 5361500N



1990 SURVEY SPECIFICATIONS

SURVEYED BY	: RGC EXPLORATION PTY. LTD.
DATE	: 1990
MAGNETOMETER	: GEOMETRICS G856
RECORDING INTERVAL	: 10 METRES
LINE DIRECTION	: TRAVERSE LINES EAST-WEST : TIE LINE NORTH-SOUTH
LINE SPACING	: 200 METRES

PROCESSING SEQUENCE

DIURNAL VARIATIONS REMOVED
3-POINT MEDIAN FILTER
21 POINT BANDPASS FILTER (0.00-0.01)
DATA GRIDDED WITH MESH SIZE 10m x 10m
TRANSFORMATION FROM LOCAL GRID TO AMG

LEGEND

BASE VALUE 62400 nT
VERTICAL SCALE 25 nT/cm

RAW PROFILE ——
FILTERED PROFILE ——

N

0 100 200 300 400 500m
Scale 1:5000

91-3285.

PROCESSING BY TESLA-IO PTY. LTD.
JOB No. TA1745

151330

RGC EXPLORATION PTY. LIMITED

MT. DUNDAS
GROUND MAGNETIC SURVEY
PROFILES OF MERGED TOTAL FIELD MAGNETIC INTENSITY

5 cm

PLAN 7
5522/050

DATE : OCT 1990	DRAWN BY: TESLA-IO
AUTHOR:	SCALE: 1:5000

10253

372000E 372500E 373000E 373500E 374000E 374500E 375000E 375500E

5365000N 5364500N 5364000N 5363500N 5363000N 5362500N 5362000N 5361500N



1990 SURVEY SPECIFICATIONS

SURVEYED BY	: RGC EXPLORATION PTY. LTD.
DATE	: 1990
MAGNETOMETER	: GEOMETRICS G856
RECORDING INTERVAL	: 10 METRES
LINE DIRECTION	: TRAVERSE LINES EAST-WEST : TIE LINE NORTH-SOUTH
LINE SPACING	: 200 METRES

PROCESSING SEQUENCE

DIURNAL VARIATIONS REMOVED
3-POINT MEDIAN FILTER
21 POINT BANDPASS FILTER (0.00-0.01)
DATA GRIDDED WITH MESH SIZE 10m x 10m
TRANSFORMATION FROM LOCAL GRID TO AMG

LEGEND

Contour Interval 2.5 nT

1000 nT Contour
100 nT Contour
10 nT Contour
2.5 nT Contour

N

0 100 200 300 400 500m

Scale 1:5000

151331

91-3285.

PROCESSING BY TESLA-IO PTY. LTD.
JOB No. TA1745

RGC EXPLORATION PTY. LIMITED

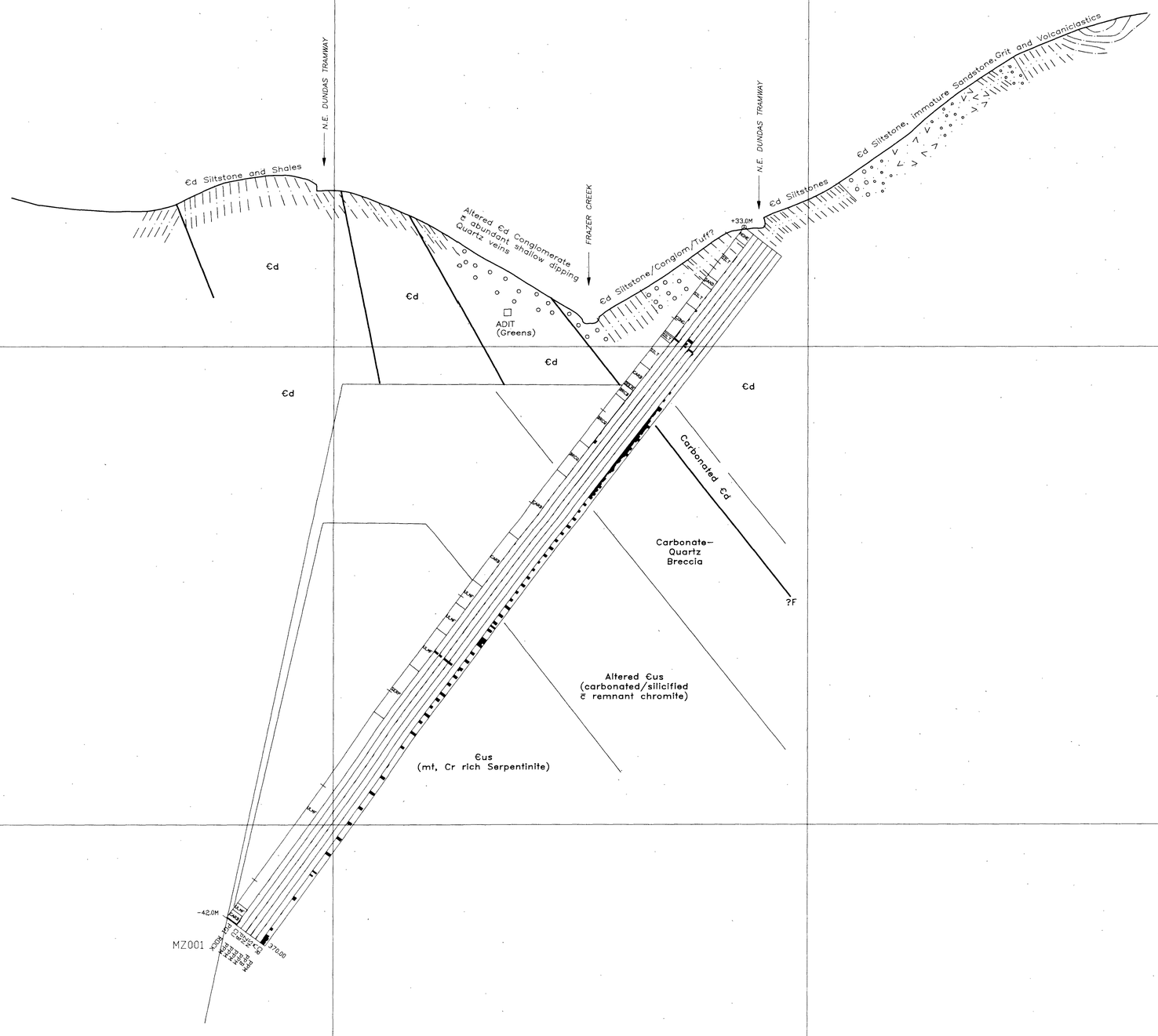
MT. DUNDAS
GROUND MAGNETIC SURVEY
CONTOURS OF MERGED TOTAL FIELD MAGNETIC INTENSITY

5 cm

PLAN 8
5522/051

DATE : OCT 1990	DRAWN BY: TESLA-IO
AUTHOR:	SCALE: 1:5000

10254



91-3285.

151332

NOTE: DRILLHOLE PROJECTED ONTO PLANE OF SECTION

5 cm

RGC EXPLORATION PTY. LTD.

MONTEZUMA GRID E.L. 101/87

SECTION 66825N

GEOLOGY INTERPRETATION

(MZ001)

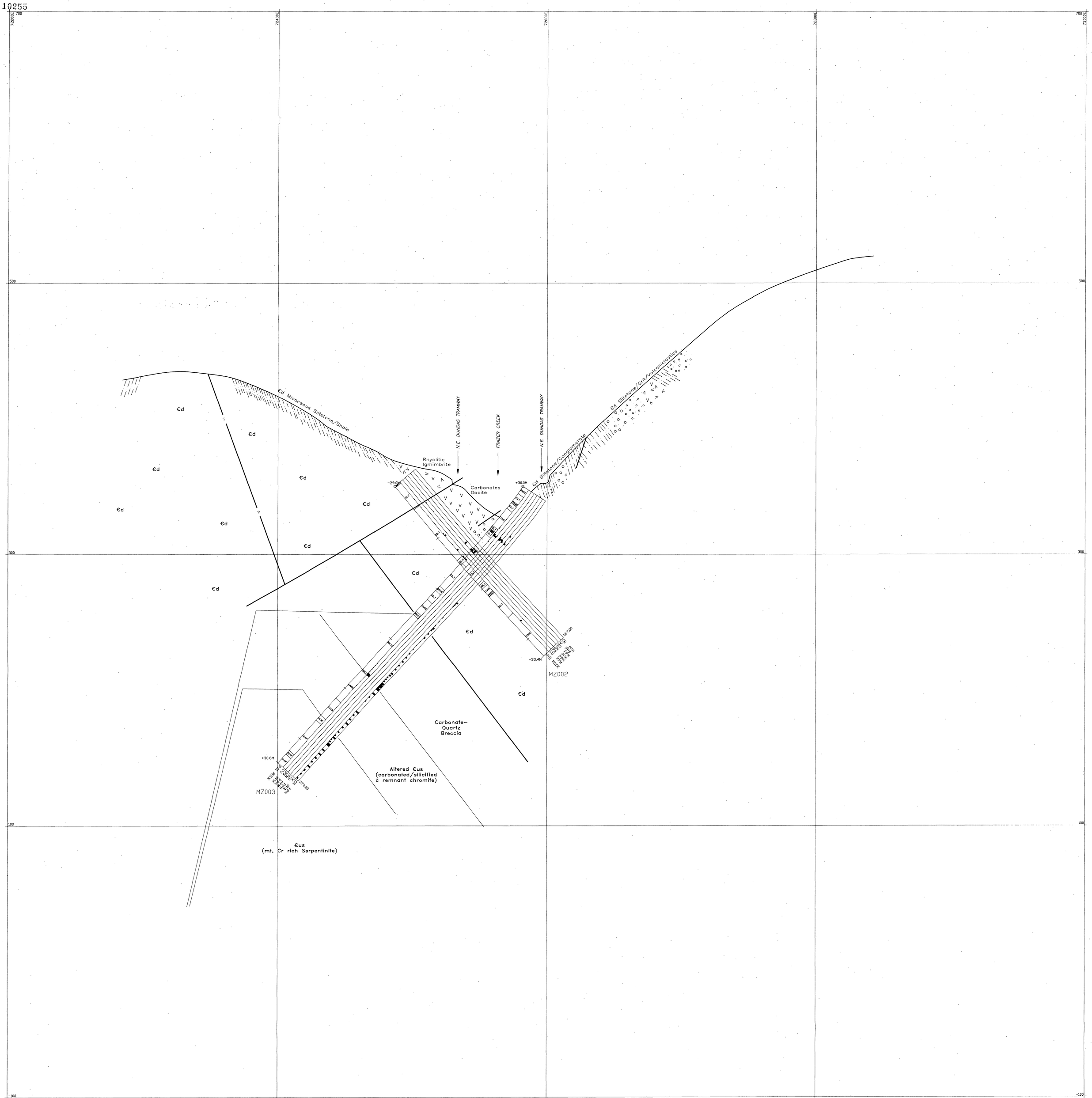
SCALE 1:1000

0 20 40 60 80 100 M

J.CROSSING	25/6/91	M.WALTER S.TRACEY

DRAWING ID. 5522/056 **PLAN 9**

10255



151333

91-3285.1

NOTE: DRILLHOLES PROJECTED ONTO PLANE OF SECTION

5 cm

RGC EXPLORATION PTY. LTD.

MONTEZUMA GRID E.L. 101/87

SECTION 66650N

GEOLOGY INTERPRETATION

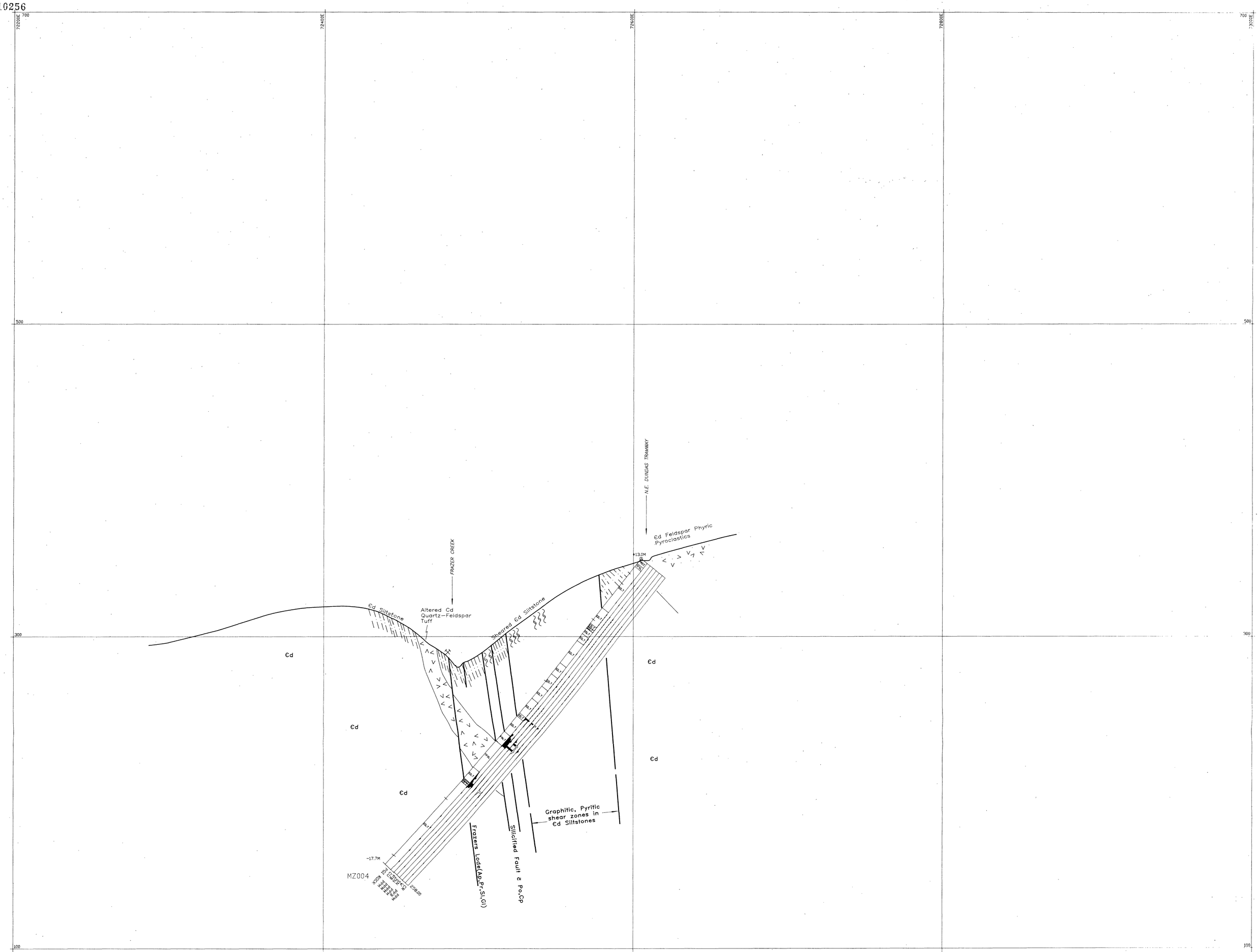
(MZ002 & MZ003)

SCALE 1:1000

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J.CROSSING	25/6/91	M.WALTER S.TRACEY
DRAWING ID. 5522/055		PLAN 10

10256



NOTE: DRILLHOLE PROJECTED ONTO PLANE OF SECTION

151334

91-3285.1

RGC EXPLORATION PTY. LTD.

MONTEZUMA GRID E.L. 101/87

SECTION 67060N

GEOLOGY INTERPRETATION

(MZ004)

SCALE 1:1000

0 20 40 60 80 100 M

J.CROSSING	25/6/91	M.WALTER S.TRACEY
DRAWING ID. 5522/057		PLAN 11

5 cm

10258

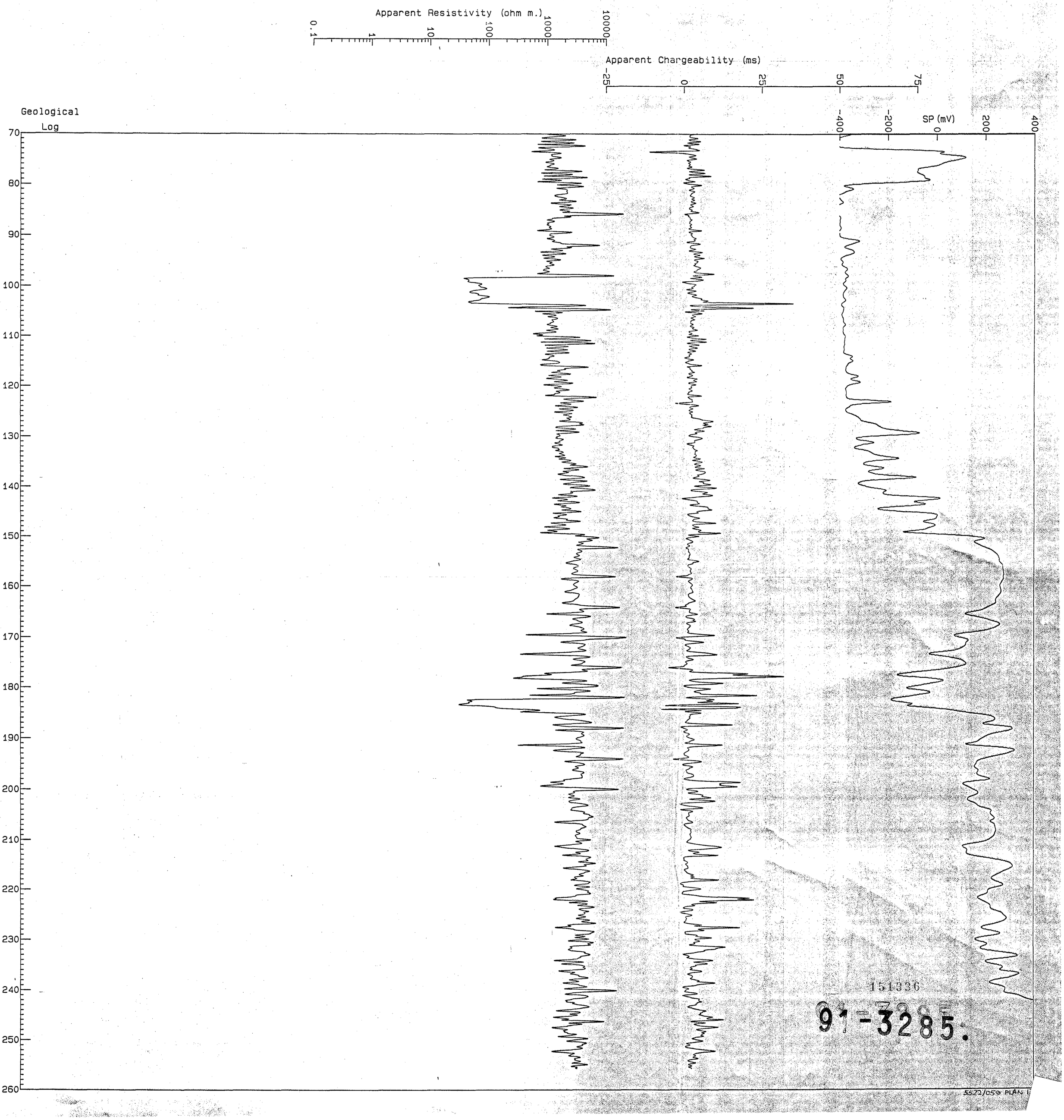
ELECTRICAL AND RADIOMETRIC BOREHOLE LOGS — Scale 1: 500

A Joint Project of: The N.S.W. Department of Minerals and Energy and the Australian Mineral Industries Research Association Limited

Project Leader: Edward D. TYNE Project Engineer: David H. DAGGAR

Prospect: MONTEZUMA	Hole No: MONT4	Total Depth: 250.00m	Water Table Depth: 0.00 m
Company: RGC	Job Code: 90/020	Operators: ET, RS, DD	Log Interval: 245.00m to 0.00m
Logging Speed (m/min): 2.	Run Direction: UP	Run No: 1	Probe No: 3
Electrode Array: Dipole Dipole n=1 a=0.25m		Frequency: 1.000Hz Bipolar Square Wave	Data Points/Waveform: 512
Operator Selected Chargeability Integration Time Interval: 50.78ms to 230.47ms for a current off time of 250.ms			
Survey Date: 11:38 AM MON., 2 JULY, 1990		Comments:	

Data Base Codes: m4a m4b gamx denx



151336
91-3285.

5522/059 PLAN 1

10259

ELECTRICAL AND RADIOMETRIC BOREHOLE LOGS - Scale 1: 500

A Joint Project of: The N.S.W. Department of Minerals and Energy and the Australian Mineral Industries Research Association Limited

Project Leader: Edward D. TYNE Project Engineer: David H. DAGGAR

Prospect: MONTEZUMA | Hole No: MONT4 | Total Depth: 250.00m | Water Table Depth: 0.00 m

Company: RGC | Job Code: 90/020 | Operators: ET, RS, DD | Log Interval: 240.00m to 60.00m

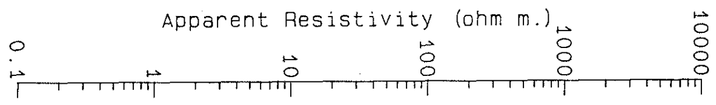
Logging Speed (m/min): 2. | Run Direction: UP | Run No: 2 | Probe No: 3

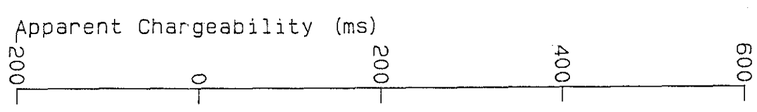
Electrode Array: Dipole Dipole n=1 a=4.0m | Frequency: 1.000Hz Bipolar Square Wave | Data Points/Waveform: 512

Operator Selected Chargeability Integration Time Interval: 50.78ms to 230.47ms for a current off time of 250.ms

Survey Date: 1:56 PM MON., 2 JULY, 1990 | Comments:

Data Base Codes: m4c m4b gamx denx





Geological Log



HOLE DEPTH (metres)

70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

151337

91-3285.

5522/060 PLAN 14

10257

71200E 500 | 71400E | 71600E | 71800E | 72000E 500

Altered (€us Serpentinite

weathered (€g) gabbro & Quartz-Tourmaline veins

Weathered gabbro/Conglomerate float

Weathered Siltstone/gabbro//Quartz-Tourmaline float

weathered Conglomerate /gabbro float

? Weathered Conglomerate float

? Weathered gabbro c Ferruginous veinlets (float)

Weathered Conglomerate/Siltstone float

€d Congloerate /Siltstone

€d (tuffaceous) Siltstone

+40RM

300

€d

€g

€d

€g

€d

€g

?

?

100

-100

-31.2M

MZ005

-300

-500

71200E | 71400E | 71600E | 71800E | 72000E

151335

91-3285.1

NOTE: DRILLHOLE PROJECTED ONTO PLANE OF SECTION

RGC EXPLORATION PTY. LTD.

MONTEZUMA GRID E.L. 101/87

SECTION 68630N

GEOLOGY INTERPRETATION

(MZ005)

SCALE 1:1000

0 20 40 60 80 100 M

J.CROSSING	25/6/91	M.WALTER S.TRACEY
DRAWING ID. 5522/058		**PLAN 12**

5 cm

10260



LEGEND

QUATERNARY
- Qg — Glacial till

CAMBRIAN
- Cfp — Pink carbonate rich siltstone/greywacke
- Cfg — Grey carbonate-rich siltstone/greywacke
- Cdt — Micaceous quartzwacke
- Cc — Polymict conglomerate
- Cvs — Tuffaceous quartzwackes
- Cvf — Rhyolitic volcanics
- Cwt — Turbiditic siltstone
- Cwf — Feldspar-quartz phyric tuff
- Cug — Gabbro/basalt
- Cus? — Serpentinite ? fuchsite/silica/carbonate altered
- Cll — Limestone (within Cfg)

PRECAMBRIAN
- Po — Micaceous quartzite and black phyllite
- Pod — Maestries conglomerate
- Pos — Concert schist

- Fault
- Interpreted geological contact
- Unconformity
- Strike and dip of bedding
- Strike and dip of joint
- Strike and dip of foliation
- Abandoned mine/prospect

ACCOUNTABILITY DIAGRAM

1. MAPPING BY R.POLTOCK MAY 1990.
2. MAPPING BY S.HALLEY JANUARY 1990.

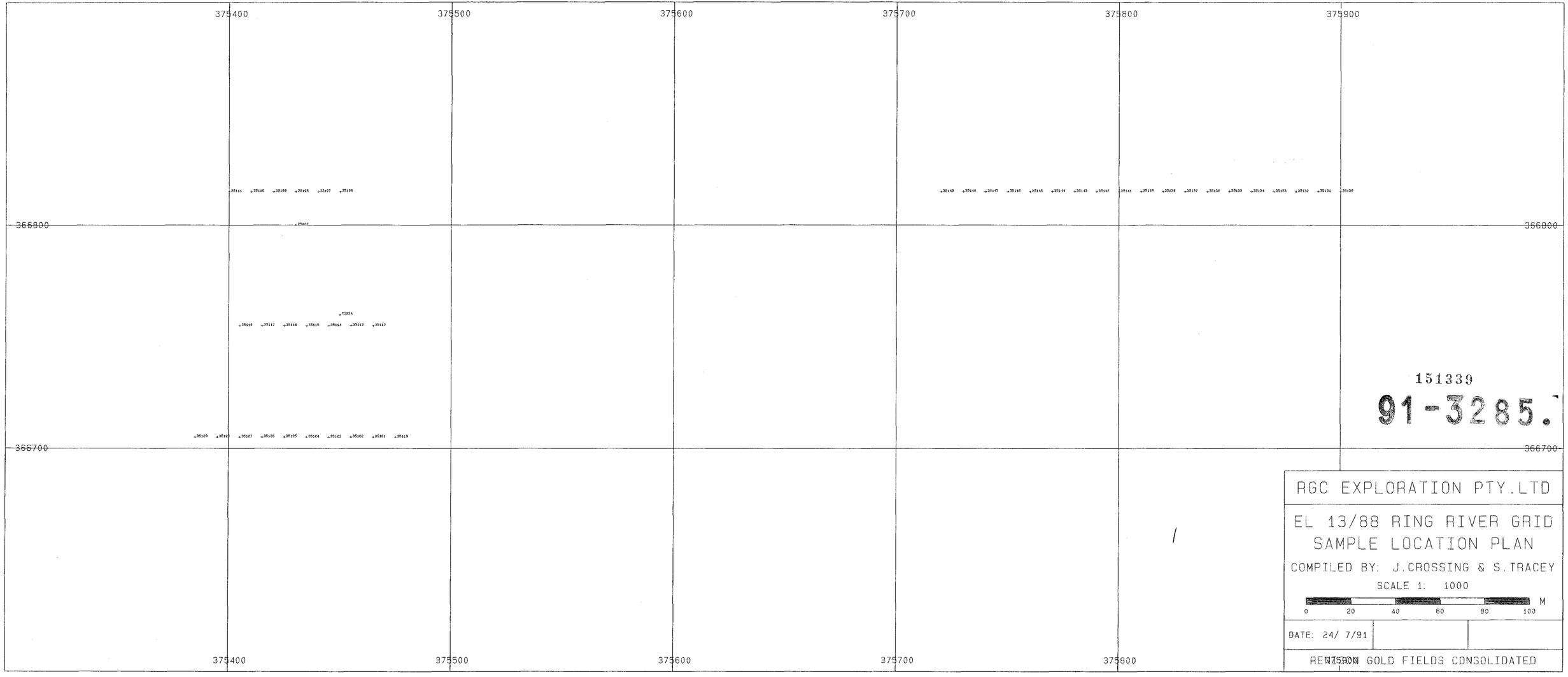
151338
91-3285.

RGC EXPLORATION PTY. LIMITED

COMPILED	J.CROSSING	E.L. 13/88
DRAWN	M.WALTER	MT. DUNDAS GRID
DATE	MAY 1990	5 cm
CHECKED		INTERPRETED GEOLOGY
1:25,000 REFERENCE		

BASE PLAN No. 5524/012
OVERLAY PLAN No.
SCALE 1:5000 0 100 250m
PLAN 15

10261



151339

91-3285.

RGC EXPLORATION PTY.LTD

EL 13/88 RING RIVER GRID
SAMPLE LOCATION PLAN

COMPILED BY: J.CROSSING & S.TRACEY

SCALE 1: 1000

0 20 40 60 80 100 M

DATE: 24/ 7/91

RENISON GOLD FIELDS CONSOLIDATED

5cm

PLAN 16