RGC Exploration

97-4058

ANNUAL REPORT - RGC EXPL.
EL'S 102/87,55/89 & 12/92- Q'TOWN
VIARY,DENWER,DAUTH & GREGORY

ACN 001 426 946

Annual Report
February to October 1997

283001

TASMANIAN BASE METALS

ELS 102/87, 55/89 AND 12/92

"Queenstown", "Mt Darwin" &
"Queenstown South"

Vol 1 of 1
Text and Appendices

HELD BY: BHP Minerals

MANAGER & OPERATOR: RGC Exploration

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24 September, 1997

PROSPECTS: Moxon Saddle

MAP SHEETS: **1:100,000: Franklin, Sophia**

GEOGRAPHIC COORDS

Min East: 3750000mE	**Max East: 387000mE**
Min North:5320000mN	**Max North: 5368000mN**

COMMODITY(s): Cu, Pb, Zn, Au, Ag

KEY WORDS: Cu-Au Mineralization, VMS Mineralisation, Western Tasmania

Distribution:

- **RGC Exploration Information Centre Reference:**

97-4058

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SUMMARY

Exploration Licences 102/87 Queenstown, 55/89 Mt Darwin and 12/92 South Queenstown cover a 30km N-S trending exposure of Cambrian Mt Read Volcanics from Lake Margaret to Slate Spur. E.L.'s 102/87 and 55/89 are held by BHP Minerals Ltd and explored by RGC Exploration under a joint venture agreement entered into on 29th November, 1991. RGC acquired an adjoining area, E.L. 12/92 on 12th October 1992, and this was also included in the joint venture. The present area covered by these licences is 130 sq kms.

RGC has explored EL's 102/87, 55/89 and 12/92 for Rosebery-style VMS, Henty style - Au and Prince Lyell style Cu - Au mineralisation. The exploration model which has been applied involves detailed geological mapping in an attempt to identify possible mineralised horizons, potential growth faults and alteration zones. This mapping is supported by multi-element soil and rock geochemistry and high resolution Helimag. Any alteration zones thus identified can be tested by ground geophysics, drilling and down-hole EM.

This report documents the exploration conducted between February to October 1997 at Moxon Saddle, where two shallow diamond drill holes targeted an IP anomaly within a sequence dominated by Tyndall Group rhyolites. The source of the IP anomaly was confirmed by the intersection of a thin unit of black siltstone and volcaniclastic sediment with visible galena and sphalerite microveins in MX001. It assayed 14.1 metres at 0.26% Pb from 71.9 to 86.0 metres, including 4.1 metres at 0.49% Pb from 71.9 to 76.0 metres.

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1. INTRODUCTION

Exploration Licences 102/87 - Queenstown and 55/89 Mt Darwin are held by BHP Minerals Ltd. (BHPM) and an adjoining licence, E.L. 12/92 is held by RGC. These licences are explored by RGC Exploration Ltd under the terms and conditions of a joint venture agreement. Approval was granted allowing the joint reporting of the exploration work because the tenements form a single coherent geological block.

The tenements currently occupy a total area of 130 sq kms surrounding Queenstown extending to the north, in part, some 30 kms to Moxon Saddle and to the south some 20 kms to Slate Spur (Figure 1). They cover a significant portion of the Cambrian Mount Read Volcanics. These rocks host a variety of mineral occurrences.

Much of the previous work in this area targeted copper-gold mineralisation of the Mt Lyell style. More recently BHPM covered selected areas with blanket UTEM looking for VMS mineralisation. This was supported by some geological mapping and rock chip/stream sediment geochemistry.

RGC has also explored this area for Rosebery-style VMS mineralisation. The exploration approach which has been applied involves detailed geological mapping in an attempt to identify possible mineralised horizons and alteration zones. This mapping is supported by multi-element soil and rock geochemistry. Any alteration zones thus identified can be tested by ground geophysics, drilling and down-hole EM.

The most significant outcome of this work was the discovery of the Garfield Prospect, a Prince Lyell style of disseminated and veinlet Cu-Au mineralisation.

Between February and October 1997, 2 square kilometres of Tyndall Group rhyolites at Moxon Saddle were explored for Henty style - Au mineralisation.

2. LAND TENURE

E.L. 102/87 - **Queenstown** was granted to BHPM on 22nd April, 1988. The tenement initially covered 95 sq kms in three separate parts (Figure 1)

Part (i)	-	Queenstown of 74 sq kms
Part (ii)	-	Garfield of 19 sq kms
Part (iii)	-	Moxon Saddle of 2 sq kms

Part (i) totally enclosed the Mt Lyell Mine Lease, 30M/80. In 1988 Mining Lease Application areas (MLA's) were cancelled by Mt Lyell increasing the area of Part (i) to 79 sq kms. Again in early 1992 additional MLA's were relinquished further increasing Part (i) to 84 sq kms. This tenement currently covers 105 sq kms and was due for 50% reduction on or before 22nd April,

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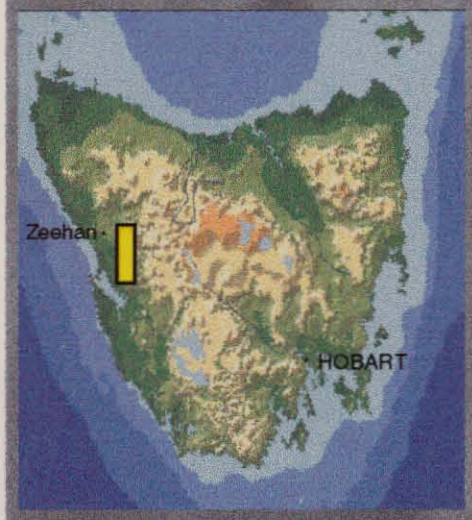
EL 102/87, 55/89 & 12/92 Prospect Location Plan



EL 102/87

EL 55/89

EL 12/92

Area relinquished in 1994

Figure 1

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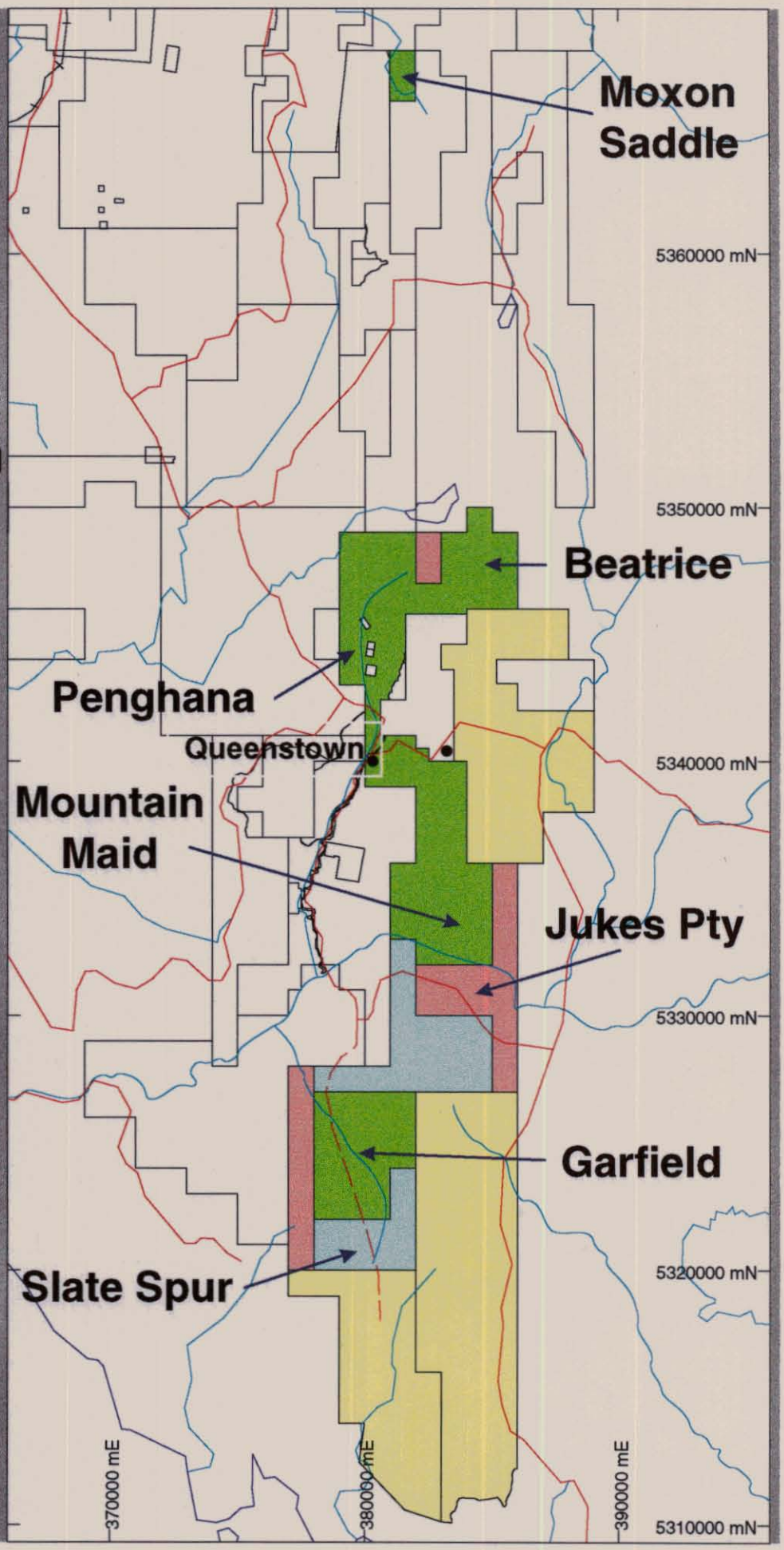

1993. A meeting with representatives of the Department of Mines Tasmania (DMT) was held on 15th April, 1992 where RGCE expressed its interest in postponing the reduction date by 12 months due to its recent entry into the Agreement with BHPM.

E.L. 55/89 - **Mt Darwin** was granted to BHPM on 5th May, 1990. This tenement covers 78 sq kms and links Parts (i) and (ii) of E.L. 102/87 (Figure 1) resulting in a continuous exposure of Mt Read Volcanics over a strike length of 14 sq kms which is explored as a single coherent block. Because of this BHPM was successful in gaining approval from the DMT to jointly report on exploration activities (15th March, 1991).

E.L. 12/92 - **South Queenstown** was granted to RGC on 12th October 1992. This tenement formed a narrow strip partly enclosing the other E.L.'s. It was divided into 3 parts:

Part (i) - 49 sq kms on the eastern side of the West Coast Range
Part (ii) - 15 sq kms over Mt Sorell and Mt Strahan
Part (iii) - 2 sq kms south of Lake Margaret.

A significant portion of E.L.'s 102/87 and 55/89 was within the South-West Conservation Area (SWCA) and considered to be environmentally sensitive. Despite the revocation of Conservation Area status in areas north of Macquarie Harbour exploration activities in the Garfield/Clark Valley are still subject to approval from the Mineral Exploration Working Group.

Following the partial relinquishment in 1995 the total area covered by the three E.L.'s was reduced to 130 sq kms. This is made up of:

E.L. 102/87	Part (i) Queenstown - 56 sq kms
	Part (ii) Garfield - 18 sq kms
	Part (iii) Moxon Saddle - 2 sq kms
E.L. 55/89	Part (i) Mt Darwin - 28 sq kms
E.L. 12/92	Part (i) West Coast Range - 16 sq kms
	Part (ii) Mount Sorell - 8 sq kms
	Part (iii) Lake Margaret - 2 sq kms

EL 102/87 is due for compulsory relinquishment on 22 April 1998.

3. WORK COMPLETED

3.1 Previous Work

Previous exploration work completed by BHP is summarised by Cameron and Read (1991). The work completed by RGC since entering the joint venture is documented by the following annual reports:-

Halley (1992),
Halley (1993),
Halley (1994),
Halley, Vicary and Boyd (1995)
Halley, Vicary, Corlett and Wyman (1996) and
Joyce, Vicary and Gregory (1997).

3.2 February - October 1997 Field Season

a) Moxon Saddle	Two diamond drill holes MX001 and MX002 were completed.
b) Garfield Prospect	Sam Duncan continued his Honours Project on the Garfield Prospect at the University of Tasmania. The results of his work will be available in late 1997.

4. RESULTS AND DISCUSSION

4.1 Geophysics

Induced polarisation data acquired in 1990 by GEOTERREX at the Moxon Saddle Prospect, Western Tasmania has been compiled and interpreted. The aim of the data interpretation is to locate a drill-hole designed to intersect a chargeable zone delineated by the survey. The data were supplied in hardcopy format from open-file company reports. Only the raw apparent resistivity and chargeability data were supplied, and details on the survey such as equipment used, transmitter current, and any potential noise sources (such as powerlines etc) were not available. No geological data have been integrated into the interpretation. Data have been digitised, imaged and interpreted using SURFER contouring, and RESIX2DIP modelling software.

Results show an anomalous apparent chargeability zone striking approximately N-S for the extent of the survey. This zone is not highly anomalous (2-3 times background) but is nonetheless significant, largely due to its strike extent (>600 m; the anomaly has not been closed off to the north or the south).

Two-dimensional computer modelling was conducted which showed the anomalous zone to be most likely caused by thin tabular body (<25 m thick) extending from or near the surface, and steeply dipping (80°-90°) to the west. There is some evidence that the chargeable zone may be vertical, or actually steeply dipping to the east on the northern and southern lines (7300N and 7900N). Modelling results were unable to constrain the depth extent of the chargeable zone. It could be assumed that the depth extent is greater than 100 m.

Apparent resistivity measurements do not show anomalous readings, hence it is most likely that a disseminated zone of mineralisation (or other chargeable material, such as black siltstone fragments within a mass-flow) is the source of the chargeability anomaly. Comparison with ground magnetic data, VLF data, and correlation with geological information should further facilitate the interpretation. The chargeable zone has not been closed off to either the north, or the south. The largest anomaly (3 times background) is on the most northern line. Further ground geophysical work may be warranted to close off the anomalous zone.

A drill-hole designed to intersect the chargeability anomaly should be designed to have a relatively shallow dip to the east (50°-60°) to account for the uncertainty in the interpreted dip of the chargeable zone. A hole designed to intersect the zone at a depth of 25 m to 100 m should be sufficient (the depth of investigation with the IP survey would have been less than 100m).

Collar locations for a hole drilled at 60° to the east were recommended on each line as follows:

Table 1 Proposed Drill Collars at Moxon Saddle

Line	East	Azimuth	Dip	Depth Drilled
7300N	1375E	090°	60°	140m
7500N	1260E	090°	60°	120m
7700N	1340E	090°	60°	120m
7900N	1410E	090°	60°	120m

Line 7300N has the lowest anomalous apparent chargeability readings, and hence is a lower priority target line. The priority drill target is on line 7900N which has the highest apparent chargeability readings, followed by line 7700N and then 7500N.

4.2 Drill hole MX001

Prior to reprocessing the 1990 BHP IP survey it was planned to drill MX001 from west of the Henty Fault (Halley et al, 1995). However due to the above re-interpretation of the data it become obvious that the original planned drill hole may not intersect the IP target and there may also be complications by drilling through the North and South Henty Faults. For these reasons a new drill hole was planned to test the steeply dipping IP anomaly by collaring within Tyndall Group lavas and drilling west to intersect the South Henty Fault. The hole was positioned so that it would test the IP target at about 70 to 90 metres down hole.

A detailed graph log and assay results are presented in Appendix 2. A summary log is:-

0.0 - 70.8	Rhyolite lava and breccia
70.8 - 84.4	Rhyolitic volcaniclastic sediments
84.4 - 90.8	Black Siltstone
90.8 - 105.2	Rhyolitic volcaniclastic sediments
105.2 - 120.2	Rhyolite lava
120.2 - 128.2	Mixed sequence of rhyolitic lavas and sediments
128.2 - 137.7	Rhyolite lava
137.7 - 190.1	Mixed sequence of rhyolitic sediments and minor lavas
190.1 - 193.5	Cataclasite (South Henty Fault Zone)

A geological interpretation of MX001 is shown on Figure 2. The Tyndall Group intersected in the hole is a complex sequence of interbedded rhyolitic lavas and volcaniclastic sediments with minor black siltstone. There is a pronounced increase in tectonic foliation towards the South Henty Fault Zone. Bedding within the sedimentary units is very steep to vertical and downhole grading is consistent with a west facing sequence. The South Henty Fault dips steeply east at about 82 degrees.

The most significant mineralised intersections in the Moxon Saddle drill hole MX001 was 71.9 - 86m, 8m @ 0.16% Pb within mixed epiclastics. This corresponds to the axis of the IP anomaly. Au was above detection limit in

283011

Drill Hole MX001

Transverse Section
280° AMG
Looking North

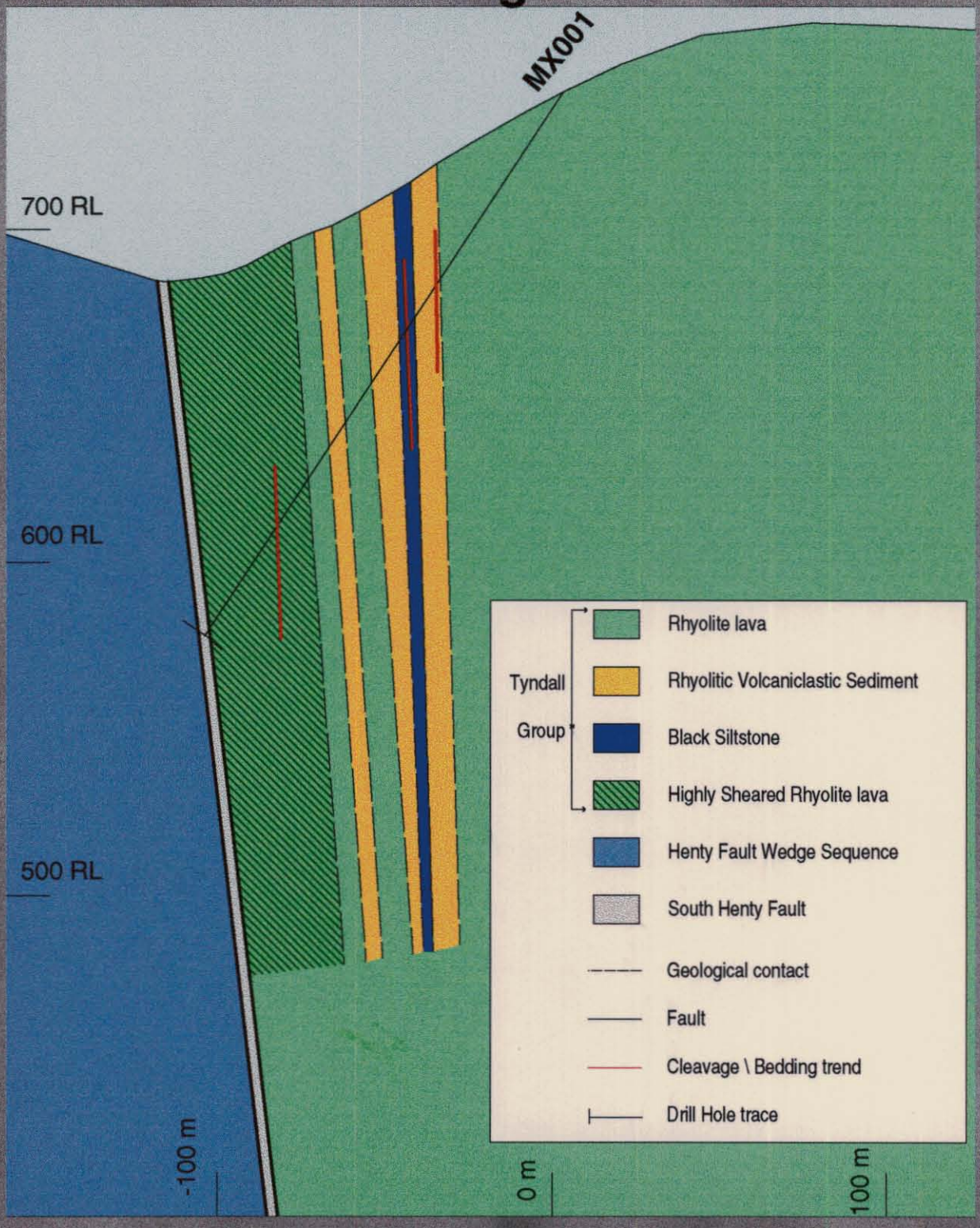

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Figure 2

most samples except those taken adjacent to the Henty Fault (depleted). Highest gold value was 0.18g/t from 92 - 93m within rhyolitic volcaniclastic sandstones. All other elements analysed (Cu, Zn, As, Ag, Bi) were insignificant. The major Pb intersections from MX001 are summarised below:-

71.9 - 86.0 metres	14.1 m @	2571 ppm Pb,
71.9 - 76.0 metres	4.1 m @	4915 ppm Pb, and
76.0 - 86.0 metres	10.0 m @	1610 ppm Pb.

In summary, drill hole MX001 tested the IP axis defined by BHP exploration. The IP survey responded to a unit of black siltstones and volcaniclastic sediment containing disseminated pyrite, galena and sphalerite.

4.3 Drill hole MX002

Drill hole MX002 was designed to test the southern continuation of the IP anomaly previously intersected in drill hole MX001. The hole was collared about 500 metres south of MX001. A detailed graph log of the hole and assay results are presented in Appendix 3.

A summary log is:-

0 - 2.0	Scree
2.0 - 134.9	Rhyolite lava
134.9 - 154.2	Rhyolitic volcaniclastic sandstone and conglomerate
154.2 - 203.8	Rhyolite lava
203.8 - 212.2	Rhyolitic volcaniclastic conglomerate
212.2 - 213.4	Puggy fault (South Henty Fault Zone?)
213.4 - 226.1	Highly sheared rhyolite
226.1 - 234.4	Chlorite schists (Henty Fault Wedge Sequence)

A cross section of drill hole MX002 is presented in Figure 3. The hole intersected a thick sequence of steeply dipping rhyolite lava with minor thin units of volcaniclastic sediment up to 20 metres thick. A lithic rich volcaniclastic conglomerate unit from 134.9 to 154.2 metres contained clasts of carbonate , hematitic carbonate and red jasper. A major puggy fault zone was intersected at 212.2 to 213.4 metres. It probably represents a splay from the South Henty Fault as a highly sheared rhyolite was present from 213.4 to 226.1 metres. This unit was in sharp contact with a unit of intensely foliated fuchsite - chlorite altered schist, correlated with the Henty Fault Wedge Sequence.

Assays from MX002 returned only low levels of Cu, Pb, and Zn. Au was generally above detection limit(0.01 - 0.03 g/t Au) in Tyndall Group rocks adjacent to the South Henty Fault.

283013

Drill Hole MX002

Transverse Section
290° AMG
Looking North

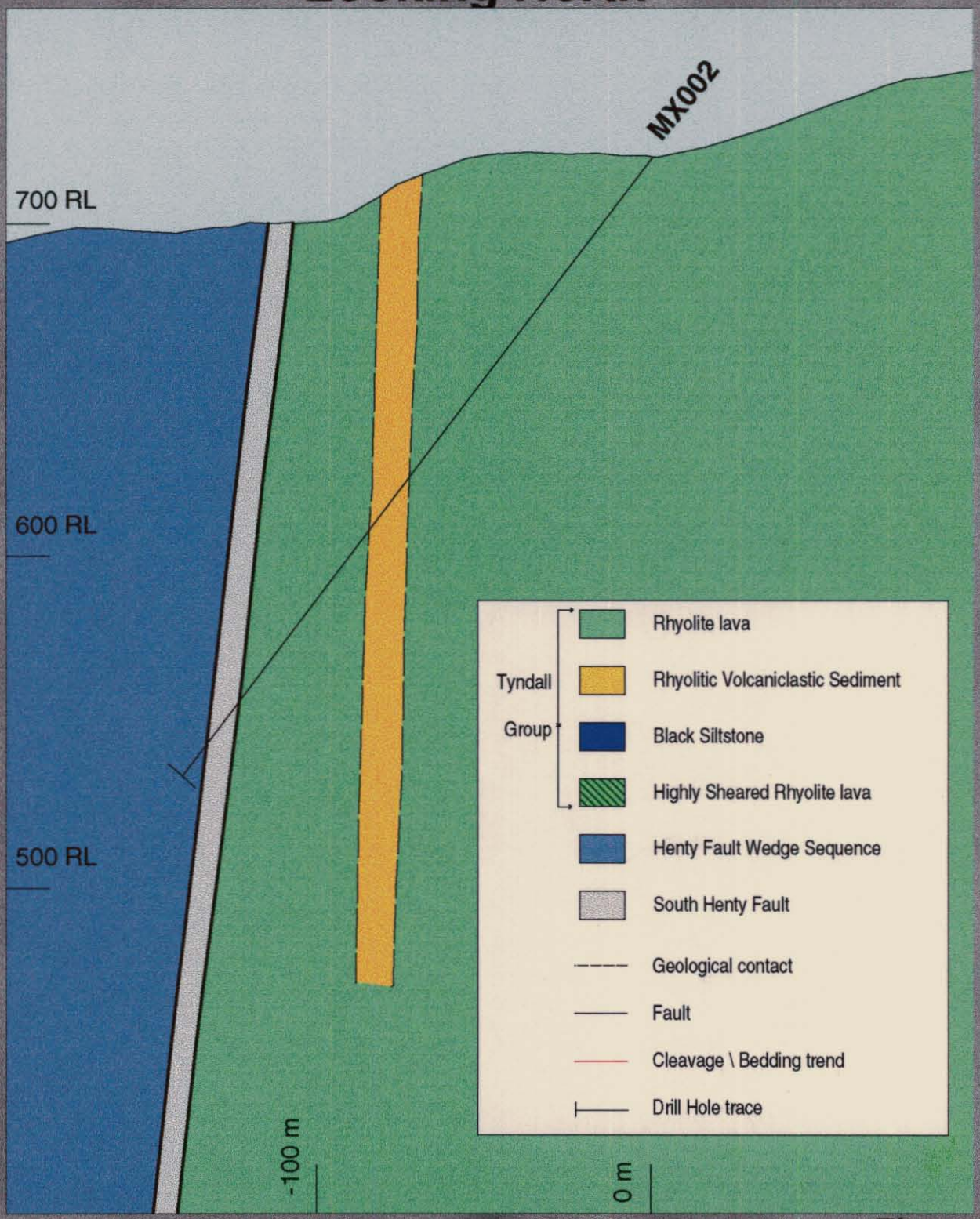

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Figure 3

5. CONCLUSION

Two drill holes, MX001 and MX002 were drilled at Moxon Saddle to test an IP anomaly and also to investigate the potential of intersecting Lower Tyndall Group rocks (the Henty Horizon) close to the South Henty Fault.

The IP anomaly was tested by hole MX001 which intersected a sequence of interbedded rhyolitic volcaniclastic sediments and black sitstones from 70.8 to 105.2 metres. This unit contained minor galena - sphalerite microveins and assayed 14.1 metres @ 0.26% Pb from 71.9 to 86 metres.

MX001 and MX002 intersected vertically dipping Upper Tyndall rocks adjacent to the Henty Fault 180m below the surface. This suggests that **if** the Tyndall Rocks were folded into a syncline, as seen in overlying Cambro-Ordovician rocks, then the position of the Lower Tyndall rocks (ie Henty position) would occur in excess of 400-500m below the surface, providing they have not been faulted out at depth.

The chances of intersecting Lower Tyndall Group rocks at Moxon Saddle were considered to be low and drilling was terminated.

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Halley, S.W., 1994. E.L.'s 102/87, 55/89 & 12/92 "Queenstown", "Mt. Darwin" & "Queenstown South". Annual Report for the period April 1993 to March 1994.

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283016

APPENDIX 1

Symbols and Codes used in drill logs

283017

TYPE

U - Volcanic (general)
V - Volcaniclastic
E - Epiclastic
L - Lava
I - Intrusive
P - Porphyry

COMPOSITION

R - Rhyolite
Y - Rhyodacite
D - Dacite
A - Andesite
B - Basaltic
F - Felsic
M - Mafic
U - Ultramafic

CRYSTAL TYPE

X - Crystal rich
A - Aphyric
F - Feldspar phyric
< - Feldspar - quartz phyric
> - Quartz - feldspar phyric
Q - Quartz phyric
H - Hornblende phyric
P - Pyroxene phyric
B - Biotite phyric
V - Vitric / glassy
L - Lithic rich
R - Reworked, commonly with Carbonate matrix

OTHERS

TILL - Glacial moraine
CLAY - Glacial clays
SILT - Black pyrite siltstone
FALT - Fault
CARB - Massive Carbonate
CBBX - Carbonate breccia

GRAINSIZE

B - Breccia
C - Coarse
M - Medium (Sandy)
F - Fine (Silty)
V - Very fine (Shaley)
A - Ashy
/ - Undifferentiated
X - Crystal Rich

ALTERATION

P - Pyrite
$ - Mineralised
Q - Quartz
O - Chlorite
C - Carbonate
H - Hematite
S - Sericite
K - K feldspar
A - Albite
E - Epidote
F - Fuchsite
M - Magnetite
L - Limonite

N - Scale

1 - Very Weak
3 - Weak
5 - Moderate
7 - Strong
9 - Intense

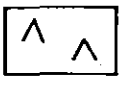
283018

SYMBOLS FOR COHERENT TEXTURES

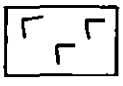
- single line symbols for low to moderate phenocryst abundance
- double line symbols for abundant phenocrysts
- smaller symbols for fine grained phenocrysts
- larger symbols for coarse grained phenocrysts
- additional "+" symbol for coarse, phenocryst-rich granitoid texture

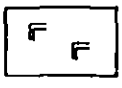

basalt, poorly to moderately porphyritic basalt


phenocryst-rich basalt

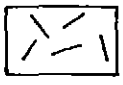

andesite, poorly to moderately porphyritic andesite

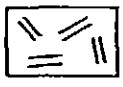

phenocryst-rich andesite

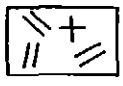

dacite, poorly to moderately porphyritic dacite


phenocryst-rich dacite


fine, poorly to moderately porphyritic rhyolite


coarse, poorly to moderately porphyritic rhyolite


coarse, phenocryst-rich rhyolite


coarse rhyolitic porphyry


flow foliation

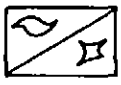

spherulites, lithophysae, alteration spots, nodular devitrification texture

SYMBOLS FOR VOLCANICLASTIC TEXTURES

- closer spaced symbols for dominant grain size and grain type


pumice or relict pumice


angular, juvenile lava clasts


fiamme/ vitriclast or relict vitriclast

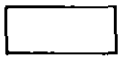

accretionary lapilli

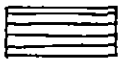

angular, polymict lithic clasts

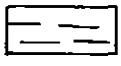

rounded, polymict lithic clasts


mudstone intraclast

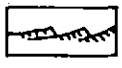

sand-size particles, granular texture


mud-size particles


distinct planar stratification


diffuse planar stratification


cross bedding


micro-cross lamination

e.g.


pumice clasts in sand matrix


angular polymict lithic clasts and mudstone intraclasts in sand matrix

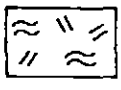
SYMBOLS FOR JUVENILE-CLAST-RICH DEPOSITS


jigsaw-fit texture of fine, moderately porphyritic rhyolite


jigsaw-fit texture of coarse, moderately porphyritic rhyolite


jigsaw-fit texture of coarse phenocryst-rich andesite


pumice-clast-rich deposit, coarse, moderately porphyritic rhyolitic composition


pumice-clast-rich deposit, coarse, phenocryst-rich rhyolitic composition

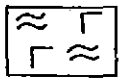

pumice-clast-rich deposit, coarse, moderately porphyritic dacitic composition

Fig. 9—Recommended composition and texture symbols for graphic logging of volcanic deposits.
(From:- McPhie, Doyle and Allen CODES 1993)

283019

ROCK TYPES

ALTD	Altered Rock	CLAS	Grauwacke	QZIT	Quartzite
ARKS	Arenite				
ARLB	Arenite, Labile	MORA	Hornfels	SAND	Sandstone
ARLI	Arenite, Lithic			SCHS	Schist
ARES	Arkose	TRAT	Travertine	SMSU	Semi-Massive Sulphide
				SERP	Serpentinite
BREC	Breccia	CONF	Conglomerate	SHAL	Shale
BRFM	Polymict Breccia	LIMS	Limestone	SILT	Siltstone
		LMSC	Limestone	SISH	Siltstone with Shale
CARB	Carbonate			SPAR	Spar
CHER	Chert	MSGR	Massive Graphite	SLAT	Slate
CLAY	Clay (unconsolidated)	MSPY	Massive Pyrite	STRX	Structural Measurement (alt. SIB)
CONG	Conglomerate	MSSU	Massive Sulphide		
CGPM	Polymict Conglomerate	MELA	Melange	TILL	Glacial Till
CGSC	Siliciclastic Congl.	MRBL	Meta-Marble	TLIT	Tillite
CLOS	Core Loss	MTLA	Metalava	TRCH	Trachyte
MOLA	Molasse	NORE	No core (precollar)	ULTR	Ultramafic
FALT	Fault	PEBS	Pebbly Sandstone	VEIN	Vein
FTBR	Fault Breccia				
FTSH	Fault/Shear Zone				

Volcanic Rocks

A	Epiclastic	)		Examples	
L	Lava	)			
P	Porphyry	)	TYPE	VQFL	Undiff. Felsic Lavas & Volcaniclastics
VO	Volcanic (General)	)		VBC	Blocky Volcaniclastic
V	Volcaniclastic	)		VBLC	Coarse Mafic Volcaniclastic
				VBR	Sandy Basaltic Volcaniclastic
				VS	Silty Volcaniclastic
				VS	Shaley Volcaniclastic
A	Andesitic	)		VSF	Undiff Fine-grained Volcaniclastics
D	Dacitic	)		VFFL	Felsic Volcaniclastics & Epiclastics
R	Rhyolitic	)		VLBR	Intermediate Volcaniclastic Breccia
FL	Felsic	)	COMPOSITION		
MA	Mafic	)		VQQP	Quartz-Feldspar Phyric Volcanic
I	Rhyolitic	)		LFP	Feldspar-Phyric Rhyolitic Lava
U	Ultramafic	)		FQP	Quartz-Feldspar Phyric Porphyry
X	Crystal-rich			VF/	Undiff. FL-Rich Volcaniclastic
				VFQP	Quartz-Feld. Phyric FL-Rich Volcaniclastic
P	Feldspar Phyric	)		EAIC	Coarse FL-Rich Intermediate Epiclastic
QP	Quartz-Feldspar Phyric	) CRYSTAL TYPE		EBR	Sandy FL-Rich Epiclastic
Q	Quartz Phyric	)		ESS	Silty FL-Rich Epiclastic
BC	Blocky	)			
BR	Breccia	)		EMA/	Undiff. Mafic Epiclastics
C	Coarse	)		EBC	Blocky Epiclastics
M	Medium (Sandy)	) GRAINSIZE		EC	Coarse Epiclastics
S	Fine (Silty)	)		EBR	Sandy Basaltic Epiclastics
F	Very fine (Shaley)	)		ES	Silty Epiclastics
				EBS	Shaley Basaltic Epiclastics
/	Undifferentiated				

283020

APPENDIX 2

Drill log and assays for MX001

283021

RGC EXPLORATION DRILL HOLE RECORD

HOLE NUMBER	MX001	**DRILLED BY**	DDTAS
PROJECT	Moxon Saddle	**NORTHING**	5367604
PROSPECT	Moxon Saddle	**EASTING**	381396
DESIGNED BY	D Gregory/K Denwer	**RL**	740m
LOGGED BY	D Gregory	**INCLINATION**	-60
COMMENCED	13/02/1997	**AZIMUTH**	280 AMG
FINISHED	14/03/1997	**EOH**	193.5m

PURPOSE

Recent modelling of 1990 BHP IP data by Chris Dauth over Moxon Saddle indicate a shallow steeply dipping conductor. It also revealed that the original planned drill hole in 1994 will not intersect the IP target and there may also be complications by drilling through the North and South Henty Faults. The new location will collar in the Tyndall Group rocks and will intersect the IP target 70-90m below the surface. Drilling will continue through the IP target to gain information on the Tyndall Stratigraphy north of Henty Gold Mine and possibly its contact with the South Henty Fault.

SURVEY DATA

DEPTH	INC.	AZ.	DEPTH	INC.	AZ.	DEPTH	INC.	AZ.
0m	-60	280	90	-55	281	180	-53.8	278
30	-58	278	121	-55	280	193.5	-53.5	278
60	-56.8	280	150	-54.8	279			

DRILLING DATA

HOLE SIZE	DEPTH	COMMENTS
HQ	0 - 50.9	126m of NQ rods plus barrel left in hole.
NQ	50.9 - 193	Not cased with PVC. No DHEM Survey.

SUMMARY

Summary Log:-	
0 - 70.8	Rhyolite lava and breccia
70.8 - 84.4	Rhyolitic volcaniclastic sediments
84.4 - 90.8	Black Siltstone
90.8 - 105.2	Rhyolitic volcaniclastic sediments
105.2 - 120.2	Rhyolite lava
120.2 - 128.2	Mixed sequence of rhyolitic lavas and sediments
128.2 - 137.7	Rhyolite lava
137.7 - 190.1	Mixed sequence of rhyolitic sediments and minor lavas
190.1 - 193.5	Cataclasite (Henty Fault Zone)

The most significant mineralised intersections in the Moxon Saddle drill hole MX001 was 71.9 - 86m 14.1m @ 0.26% Pb within mixed epiclastics. Au was above detection limit in most samples except those taken adjacent to the Henty Fault (depleted). The highest gold value was 0.16g/t from 92 - 93m within rhyolitic volcaniclastic sandstones. All other elements analysed (Cu, Zn, As, Ag, Bi) were insignificant.

SAMPLE	HOLE	FROM	TO	Cu	Pb	Zn	Au	Ag	Bi	As
263046	MX001	66	67	149	119	72	0.02	1	17	8
263047	MX001	67	68	11	25	70	-0.01	1	20	3
263048	MX001	68	69	15	175	80	-0.01	-1	12	12
263049	MX001	69	70	39	183	119	0.01	-1	19	19
263050	MX001	70	70.7	17	123	110	0.04	1	19	16
263051	MX001	70.7	71.9	7	200	111	0.02	1	25	12
263052	MX001	71.9	73	25	3554	251	0.05	1	21	67
263053	MX001	73	74	19	5200	347	0.02	1	24	26
263054	MX001	74	75	14	3677	301	0.02	1	27	23
263055	MX001	75	76	15	7700	183	-0.01	2	38	26
263056	MX001	76	77	15	190	259	0.02	3	38	15
263057	MX001	77	78	20	1856	369	0.01	1	44	32
263001	MX001	78	79	16	2915	326	0.1	2	-10	-50
263002	MX001	79	80	22	664	306	0.07	2	-10	68
263003	MX001	80	81	20	1502	201	0.06	2	-10	-50
263004	MX001	81	82	15	1480	190	0.06	1	-10	-50
263005	MX001	82	83	42	2234	450	0.04	2	-10	62
263006	MX001	83	84	11	1223	545	0.04	2	-10	-50
263007	MX001	84	85	27	2956	153	0.03	1	-10	69
263008	MX001	85	86	60	1085	1080	0.07	1	-10	66
263009	MX001	86	87	23	352	430	0.04	1	-10	80
263010	MX001	87	88	29	699	370	0.02	1	-10	-50
263011	MX001	88	89	19	455	86	0.03	1	-10	-50
263012	MX001	89	90	19	337	226	0.03	1	-10	68
263013	MX001	90	91	22	258	330	0.03	1	-10	61
263014	MX001	91	92	11	17	60	0.04	1	-10	62
263015	MX001	92	93	7	501	86	0.18	1	-10	56
263016	MX001	138	141	37	110	172	0.03	1	-10	87
263017	MX001	141	144	25	174	331	0.02	1	-10	-50
263018	MX001	144	147	16	10	79	0.02	1	-10	103
263019	MX001	150	153	4	-3	70	0.02	1	-10	58
263020	MX001	153	156	5	-3	33	0.02	-1	-10	51
263021	MX001	160	163	4	3	3	0.03	1	-10	-50
263022	MX001	163	166	5	16	55	0.07	1	-10	-50
263023	MX001	166	169	5	-3	52	0.04	-1	21	-50

SAMPLE	HOLE	FROM	TO	Cu	Pb	Zn	Au	Ag	Bi	As
263024	MX001	169	172	11	6	92	0.04	1	-10	62
263025	MX001	172	175	7	8	84	0.03	1	-10	-50
263027	MX001	175	176	16	76	224	0.05	2	-10	-50
263028	MX001	176	177	8	22	82	0.04	1	-10	-50
263029	MX001	177	178	9	6	70	0.03	1	-10	66
263030	MX001	178	179	7	10	6	0.03	1	-10	-50
263031	MX001	179	180	10	20	75	0.01	1	-10	75
263032	MX001	180	181	8	13	6	0.01	2	-10	-50
263033	MX001	181	182	9	9	79	0.02	1	-10	-50
263034	MX001	182	183	5	8	70	-0.01	1	-10	66
263035	MX001	183	184	8	3	70	-0.01	1	-10	-50
263036	MX001	184	185	5	10	60	-0.01	1	-10	54
263037	MX001	185	186	5	3	50	-0.01	1	-10	60
263038	MX001	186	187	4	12	67	-0.01	1	-10	68
263039	MX001	187	188	7	4	43	-0.01	1	-10	-50
263041	MX001	188	189	10	8	47	0.01	1	-10	-50
263042	MX001	189	190	11	6	33	-0.01	1	-10	-50
263043	MX001	190	191	13	92	211	0.05	1	-10	73
263044	MX001	191	192	122	174	40	0.04	2	-10	147
263045	MX001	192	193.5	20	92	314	0.02	1	-10	56
		Detection Limit		2	3	2	0.01	1	10	50
		Units		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		Method		GA140	GA140	GA140	GG309	GA140	GA140	GA140
		Laboratory		Analabs	Analabs	Analabs	Analabs	Analabs	Analabs	Analabs

RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 1 OF 10

Bedding | Cleavage | Foliation | Fault, Shear | Breccia | Broken core
Disseminated | Massive | Pervasive | Narrow vein | * Visible gold

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 26/3/97
LOGGED BY	: D.G.

HOLE DEPTH | SAMPLE No PREFIX | ASSAY RESULTS | STRUCT. | GRAPHIC LOG | ALTERATION (SIL. SER. PY. Alb.) | GEOLOGY NOTES | SUMMARY ROCK ALTERATION

Rhyolite lava + Breccias

0-70.75 light pink-grey qtz P phyric rhyolite lava and associ. lava breccias (Autobrecciation).
10% qtz plenos 1-5mm
5-7% Gold plenos 1-7mm.
Mod patchy-pervasive albite alteration. Minor chlorite microveinlets forming in interstices between clasts in breccia zones.
Pyrite often occurs as large upto 7mm disseminated euhedral grains (0.5%) and rarely as microveinlets. Minor carbonate replacement of feldspars.
Minor planar qtz, qtz-cb veining

Interp: Most likely a rhyolite lava dome + associated local autobrecciation.

VEIN 77° — 14.5 Qtz-Cb vein

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 2 OF 10

Bedding | Cleavage | Foliation | Fault, Shear | Breccia | Broken core
Disseminated | Massive | Pervasive | Narrow vein | * Visible gold

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 26-3-97
LOGGED BY	: DG

HOLE DEPTH | SAMPLE No PREFIX | ASSAY RESULTS | STRUCT. | GRAPHIC LOG | ALTERATION (SIL. SER. PY. Alb. Chl.) | GEOLOGY NOTES | SUMMARY ROCK ALTERATION

22.5 planar 90° qtz-cb vein

REMARKS

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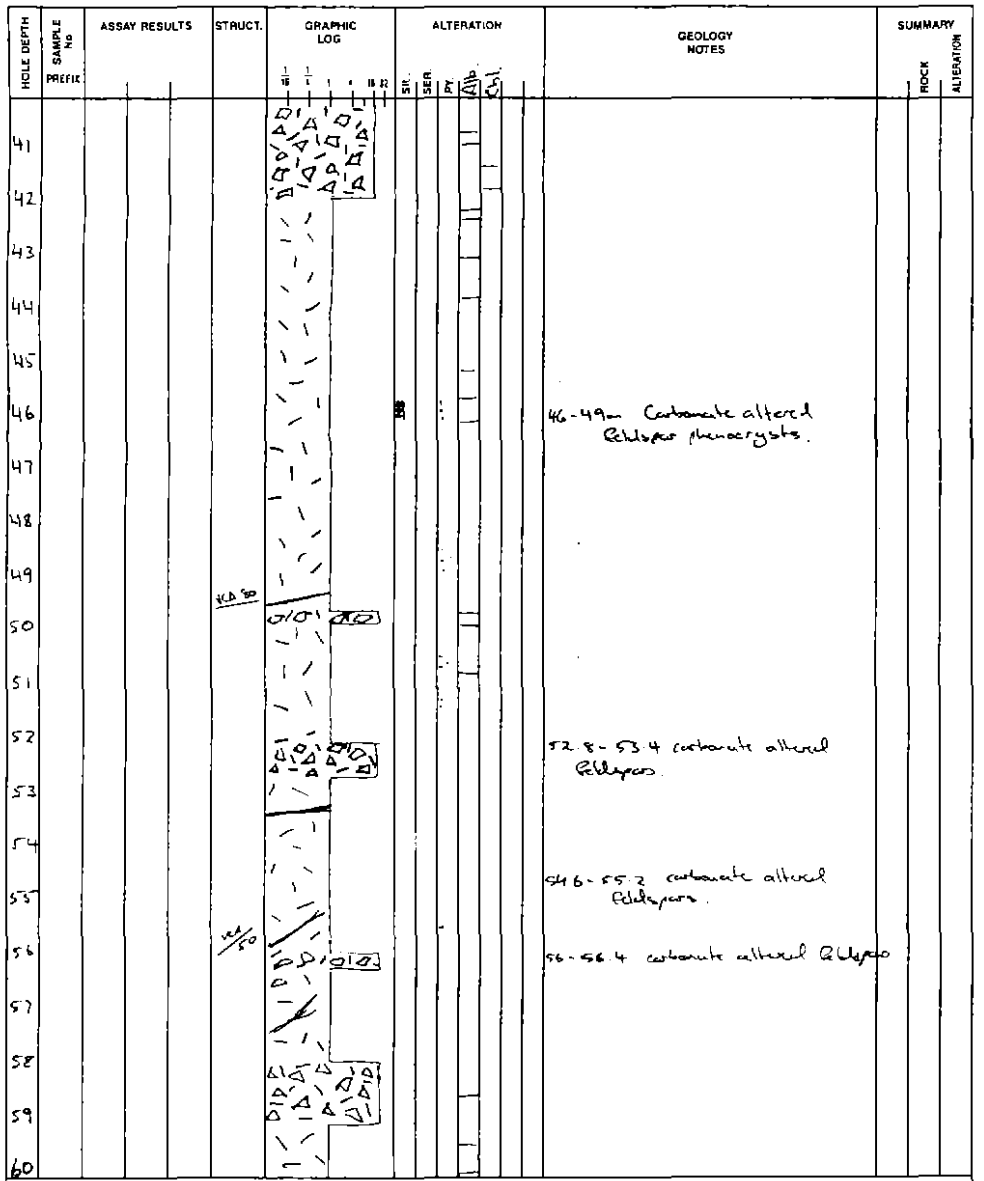
RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 3 OF 10

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 24-3-97
LOGGED BY	:

— Bedding
⌴ Cleavage
Foliation
Fault, Shear
Breccia
Broken core
Disseminated
Massive
Pervasive
Narrow vein
* Visible gold



REMARKS

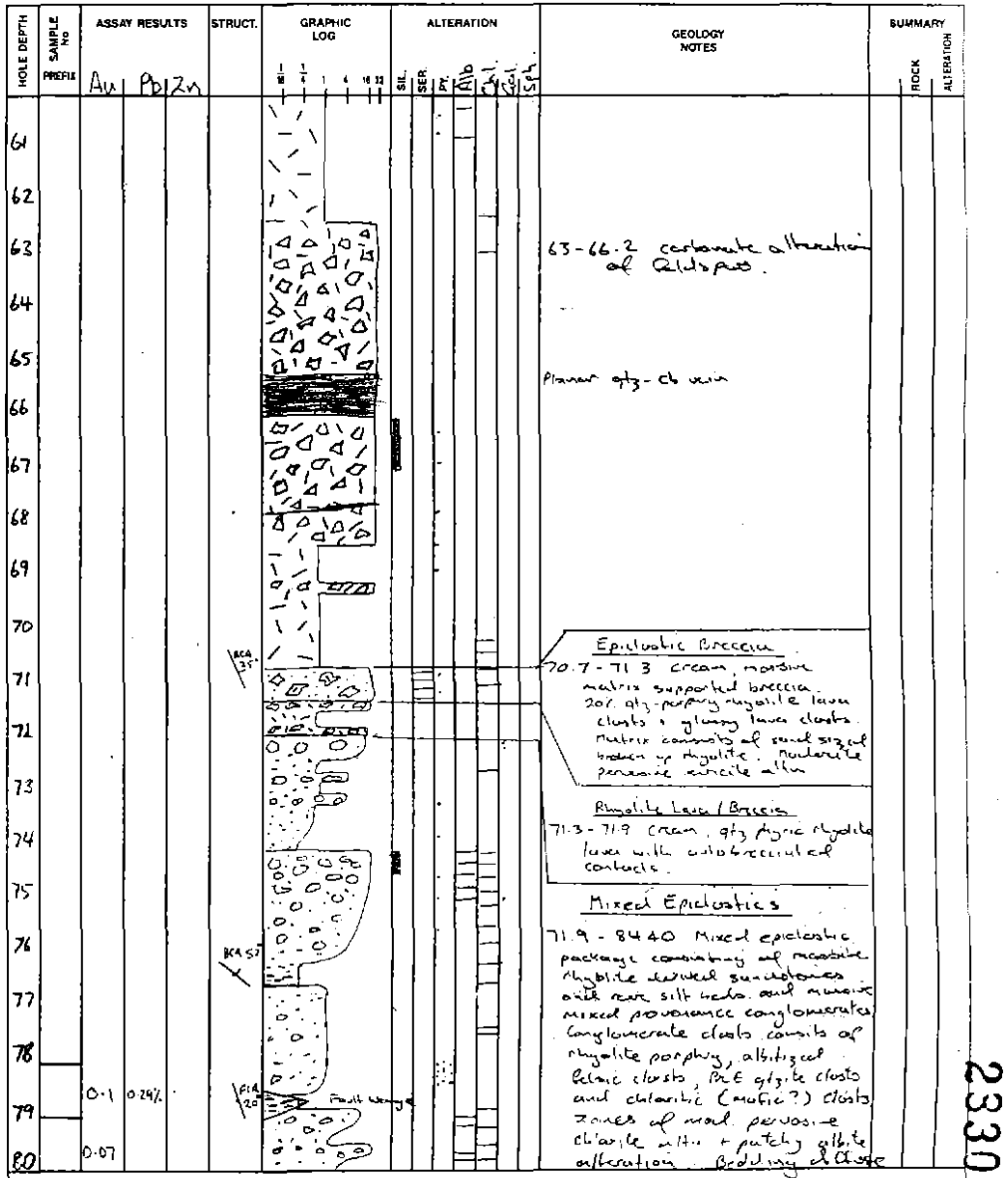
RGC EXPLORATION PTY LTD

— Bedding
⌴ Cleavage
Foliation
Fault, Shear
Breccia
Broken core
Disseminated
Massive
Pervasive
Narrow vein
* Visible gold

DRILL HOLE No MX001

SHEET 4 OF 10

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 26-3-97
LOGGED BY	: D G



REMARKS

233025

RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 5 OF 10

Bedding | Cleavage | Foliation | Fault, Shear | Breccia | Broken core
Disseminated | Massive | Pervasive | Narrow vein | * Visible gold

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 27.3.97
LOGGED BY	: DG

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS Au	Pb	Zn	STRUCT.	GRAPHIC LOG	ALTERATION SIL.	SER.	PY	Alb.	Chl.	Cal.	Spa.	GEOLOGY NOTES	SUMMARY ROCK	ALTERATION
81		0.06	0.15%													
82		0.06	0.19%													
83		0.04	0.22%													
84		0.04	0.12%		BCA 42											
85		0.03	0.29%											Black siltstones. 84.40 - 90.82 black-grey, very thin - medium bedded siltstones with minor immature sandstone beds and pale cream mud lenses.		
86		0.07	0.40%	0.10%	BCA 39											
87		0.04												89.05 - 89.60 Rhyolite lava with >20% fld xtal rich base/top? (gravity settling?)		
88		0.02														
89		0.07												90 - 90.18 fld. phyric dacite lava.		
90		0.03														
91		0.07												Rhyolitic Volcaniclastics		
92		0.04												90.82 - 105.20 Package of massive qtz-fld. rhyolitic volcan. mudstones + coarser rhyolitic lithic volcaniclastics beds. Minor rhyolitic epiclastic conglomerates. Strong chlorite alteration of some qtz phyric rhyolite clasts. (glassy?)		
93		0.16%														
94																
95																
96																
97																
98																
99																
100																

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 6 OF 10

Bedding | Cleavage | Foliation | Fault, Shear | Breccia | Broken core
Disseminated | Massive | Pervasive | Narrow vein | * Visible gold

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 28.3.97
LOGGED BY	: DG

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION SIL.	SER.	PY	Alb.	Cal.	Spa.	GEOLOGY NOTES	SUMMARY ROCK	ALTERATION
101													
102													
103													
104													
105													
106											Rhyolite lava 105.20 - 120.20 cream, massive qtz-fld. rhyolite. 15% qtz phenos 0.5 - 1.5mm 0-5% fld phenos 0.5 - 1.5mm Minor planar qtz-cb veining, patchy wk albite + wk sericite alteration. <0.5%. Fine grained disseminated euhedral pyrite		
107													
108													
109													
110													
111													
112													
113													
114													
115													
116													
117													
118													
119													
120													

REMARKS

233026

RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 7 OF 10

Bedding | Cleavage | Foliation | Fault, Shear | Breccia | Broken core
Disseminated | Massive | Pervasive | Narrow vein | * Visible gold

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 28.3.97
LOGGED BY	: D.G.

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS Au	Pb	Zn	STRUCT.	GRAPHIC LOG	ALTERATION SIL	SER.	PY.	Alb.	Chl.	Carb.	Sulp.	GEOLOGY NOTES	SUMMARY ROCK	ALTERATION
121					CA 45									Mixed Package of Rhyolites + Coarse Sediments 120.20 - 128.20 A mixed package of poorly qtz phyric glassy spherulitic bearing rhyolite lavas + black silty sediments with rounded rhyolite clasts + minor sst clasts. Clasts are elongate and appear to be bedding parallel. Not quite sure what to interpret perhaps a rhyolite dome has grown up + intruded into black silty sediments ? Perhaps interbedded silts, sst + small thin rhyolite lavas which have been deformed ductily and resulted in a mixed bedding package.		
122																
123					BCA 33											
124																
125																
126																
127					BCA 81											
128														Rhyolite 128.20 - 137.70 Cream, massive qtz phyric, minor spherulitic rhyolite. 2-5% qtz phenos 0.5 - 3mm <1% disseminated euhedral Pyrite.		
129																
130																
131																
132																
133																
134																
135																
136																
137																
138					BCA 14									Mixed Sediments.		
139																
140	0	0.01														

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 8 OF 10

Bedding | Cleavage | Foliation | Fault, Shear | Breccia | Broken core
Disseminated | Massive | Pervasive | Narrow vein | * Visible gold

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 8.4.97
LOGGED BY	: D.G.

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS Au	Pb	Zn	STRUCT.	GRAPHIC LOG	ALTERATION SIL	SER.	PY.	Alb.	Chl.	Carb.	Sulp.	GEOLOGY NOTES	SUMMARY ROCK	ALTERATION
141														137.70 - 145.80 A mixed package of qtz rich volcaniclastic sst + cong/breccias with a black silty matrix and sst + rhyolite clasts with ore matrix supported. possibly a tectonic fabric ie boudinage of interbedded sst + silts ?		
142																
143		0.02			FOL 28											
144																
145																
146		0.02												Volcaniclastic sst - Epiclastic conglomerate ? 145.80 - 154.05 Cream - grey/green tectonically brecciated + milled volcaniclastic sandstone + probably epiclastic conglomerate. Mostly Rhyolite derived. Epiclastics more chlorite altered.		
147																
148																
149																
150																
151																
152		0.02														
153																
154																
155		0.02												Rhyolitic conglomerates + Rhyolite 154.05 - 161.04 pink-cream monomict rhyolitic conglomerates + minor rhyolite lava/intrus. Conglomerates may have been hyaloclastites or autoclastics which have been ductily deformed + milled as others above ?		
156																
157																
158																
159																
160																

REMARKS

233027

RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 9 OF 10

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 8.4.97
LOGGED BY	: D.G

Bedding · Cleavage · Foliation · Fault, Shear · Breccia · Broken core
Disseminated · Massive · Pervasive · Narrow vein · * Visible gold

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS Au	Pb	Zn	STRUCT.	GRAPHIC LOG	ALTERATION SIL	SER	PY	Alb	Chl	Cal	Sph	GEOLOGY NOTES	SUMMARY ROCK	ALTERATION
161					38									Sst Conglomerate ? 161.04 - 164.75 Greyish green, massive, monomict conglomerate. Clasts are matrix supported. Sst clasts are elongate - rounded in a chloritic similar sst matrix. Tectonic		
162		0.03														
163																
164																
165		0.07												Rhyolitic conglomerate ? 164.75 - 168.57 greyish green, massive, monomict, matrix supported conglomerate. Rhyolitic clasts supported in a black silty matrix and probably a sst matrix ? Minor rhyolite lenses. Tectonic ?		
166																
167																
168		0.06														
169														Volcaniclastic Sst. 168.57 - 172.50 greyish green, massive, qtz rich volcaniclastic sandstone with wispy pervasive chlorite alteration + abundant irregular carbonate veins. Tectonic		
170																
171		0.04														
172																
173														Rhyolitic Conglomerate ? 172.50 - 190.05 Greyish green - yellow cream, massive, matrix supported conglomerate, mainly locally derived rhyolite clasts + minor sst clasts. Matrix fine black silt. rhyolite derived sst. Wispy pervasive chlorite alteration. Tectonic		
174		0.03														
175																
176		0.05														
177		0.04														
178		0.03														
179		0.03														
180		0.01														

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 10 OF 10

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 8.4.97
LOGGED BY	: D.G

Bedding · Cleavage · Foliation · Fault, Shear · Breccia · Broken core
Disseminated · Massive · Pervasive · Narrow vein · * Visible gold

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS Au	Pb	Zn	STRUCT.	GRAPHIC LOG	ALTERATION SIL	SER	PY	Alb	Chl	Cal	Sph	GEOLOGY NOTES	SUMMARY ROCK	ALTERATION
181		0.01														
182		0.02												182 - 190.05 mod - strong pervasive sil + Cb altn.		
183		L														
184		L														
185		L														
186		L														
187		L														
188		L														
189		L														
190		L			FC 12°									Cataclasite 190.05 - 193.50 grey pyg zone with minor siliceous kernals + disseminated sulphides - py-le. Minor Quartz altn in pyg + kernals. Eoh		
191		0.05														
192		0.04														
193		0.02														
194																

REMARKS

283028

APPENDIX 3

Drill log and assays for MX002

RGC EXPLORATION DRILL HOLE RECORD

HOLE NUMBER	MX002	**DRILLED BY**	DDTAS
PROJECT	Moxon Saddle	**NORTHING**	5367248
PROSPECT	Moxon Saddle	**EASTING**	381255
DESIGNED BY	D Gregory/K Denwer	**RL**	720m
LOGGED BY	D Gregory	**INCLINATION**	-60
COMMENCED	03/04/1997	**AZIMUTH**	290 AMG
FINISHED	22/04/1997	**EOH**	234.4m

PURPOSE

Drill hole MX002 was designed to test the southern continuation of the IP anomaly previously intersected in drill hole MX001. The hole was collared about 500 metres south of MX001.

SURVEY DATA

DEPTH	INC.	AZ.	DEPTH	INC.	AZ.	DEPTH	INC.	AZ.
0m	-60	290	91	-55	288	181	-49.5	285
30	-58	286	121	-53	288	211	-45	281
61	-57	285	151	-52	287	234	-45	278

DRILLING DATA

HOLE SIZE	DEPTH	COMMENTS
HQ	0 - 63	Hole cased with PVC to 234m.
NQ	63 -234	DHEM Survey not performed.

SUMMARY

Summary Log:-	
0 - 2.0	Scree
2.0 - 134.9	Rhyolite lava
134.9 - 154.2	Rhyolitic volcaniclastic sandstone and conglomerate
154.2 - 203.8	Rhyolite lava
203.8 - 212.2	Rhyolitic volcaniclastic conglomerate
212.2 - 213.4	puggy fault (Henty Fault Zone?)
213.4 - 226.1	Highly sheared rhyolite
226.1 - 234.4	Chlorite schists (Henty Fault Wedge Sequence)

SAMPLE	HOLE	FROM	TO	CU	PB	ZN	AU	AG	BI	AS
255516	MX002	144	145	6	14	115	0.03	-1	-10	-50
255517	MX002	145	146	-2	-3	150	0.01	-1	-10	-50
255518	MX002	146	147.2	-2	-3	153	0.01	-1	-10	-50
255519	MX002	203	224	-2	40	68	0.01	-1	19	-50
255520	MX002	204	222	6	63	130	0.02	-1	-10	-50
255521	MX002	205	220	9	23	107	0.03	-1	16	-50
255522	MX002	210	212	2	-3	63	0.02	-1	-10	-50
255523	MX002	212	214	29	7	51	0.02	-1	-10	-50
255524	MX002	214	216	64	-3	33	0.01	-1	-10	-50
255526	MX002	216	218	31	-3	34	-0.01	-1	-10	-50
255527	MX002	218	220	21	-3	32	-0.01	-1	-10	-50
255528	MX002	220	222	9	-3	30	-0.01	-1	-10	-50
255529	MX002	222	224	2	-3	39	0.01	-1	-10	-50
255530	MX002	224	226	4	-3	58	0.01	-1	-10	-50
255531	MX002	226	228	4	-3	292	0.01	-1	-10	-50
255532	MX002	228	230	-2	-3	256	0.01	-1	-10	-50

Detection Limit	2	3	2	0.01	1	10	50
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Method	GA140	GA140	GA140	GG309	GA140	GA140	GA140
Laboratory	Analabs	Analabs	Analabs	Analabs	Analabs	Analabs	Analabs

2830031

RGC EXPLORATION PTY LTD

DRILL HOLE No MX002

SHEET 1 OF 12

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 5/5/97
LOGGED BY	: D.G

Bedding
Cleavage
Foliation
Fault, Shear
Breccia
Broken core
Disseminated
Massive
Pervasive
Narrow vein
* Visible gold

HOLE DEPTH | SAMPLE No PREFIX | ASSAY RESULTS | STRUCT. | GRAPHIC LOG | ALTERATION (SIL. SER. PY. Alb) | GEOLOGY NOTES | SUMMARY (ROCK, ALTERATION)

Scree
0 - 2m Qtz porphyry scree blocks + pink hematitic qtz sst blocks (ord).

Massive Rhyolite

2 – 134.9 greyish pink - pink massive, qtz phyric rhyolite lavas + associated autoclastic breccias. Minor cg euhedral pyrite, most patchy pervasive alb-te alteration. Minor qtz-cb veins. Carbonate infilling late fractures. Chlorite microveinlets.

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX002

SHEET 2 OF 12

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 5/5/97
LOGGED BY	: D.G

Bedding
Cleavage
Foliation
Fault, Shear
Breccia
Broken core
Disseminated
Massive
Pervasive
Narrow vein
* Visible gold

HOLE DEPTH | SAMPLE No PREFIX | ASSAY RESULTS | STRUCT. | GRAPHIC LOG | ALTERATION (SIL. SER. PY. Alb) | GEOLOGY NOTES | SUMMARY (ROCK, ALTERATION)

WB 20°

CCA 40

- Qtz - Cb vn.

- contact between lavas + autoclastic margins. Abundant carbonate veining

REMARKS

233132

RGC EXPLORATION PTY LTD

DRILL HOLE No MX002

SHEET 3 OF 12

Bedding
Cleavage
Foliation
Fault, Shear
Breccia
Broken core
Disseminated
Massive
Pervasive
Narrow vein
* Visible gold

PROJECT	:
PROSPECT	: Maxon Saddle
DATE	: 5/5/97
LOGGED BY	: D. G

HOLE DEPTH | SAMPLE No PREFIX | ASSAY RESULTS | STRUCT. | GRAPHIC LOG | ALTERATION (SIL, SER, PY, Alb) | GEOLOGY NOTES | SUMMARY (ROCK, ALTERATION)

41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

Qtz-Cb-Alb veining, possibly occuring at the contact of two lavas

Qtz vein

Cb-chlorite vein.

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX002

SHEET 4 OF 12

Bedding
Cleavage
Foliation
Fault, Shear
Breccia
Broken core
Disseminated
Massive
Pervasive
Narrow vein
* Visible gold

PROJECT	:
PROSPECT	: Maxon Saddle
DATE	: 5/5/97
LOGGED BY	: D. G

HOLE DEPTH | SAMPLE No PREFIX | ASSAY RESULTS | STRUCT. | GRAPHIC LOG | ALTERATION (SIL, SER, PY, Alb) | GEOLOGY NOTES | SUMMARY (ROCK, ALTERATION)

61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

62.7 End HQ

REMARKS

2330333

RGC EXPLORATION PTY LTD

DRILL HOLE No MX002

SHEET 5 OF 12

Bedding
Cleavage
Foliation
Fault, Shear
Breccia
Broken core
Disseminated
Massive
Pervasive
Narrow vein
* Visible gold

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 5.5.97
LOGGED BY	: D.G

HOLE DEPTH | SAMPLE No PREFIX | ASSAY RESULTS | STRUCT. | GRAPHIC LOG | ALTERATION (SIL. SER. PY. Alb) | GEOLOGY NOTES | SUMMARY (ROCK, ALTERATION)

81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

VCA 40

qtz - Cb vein

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX002

SHEET 6 OF 12

Bedding
Cleavage
Foliation
Fault, Shear
Breccia
Broken core
Disseminated
Massive
Pervasive
Narrow vein
* Visible gold

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 5.5.97
LOGGED BY	: D.G

HOLE DEPTH | SAMPLE No PREFIX | ASSAY RESULTS | STRUCT. | GRAPHIC LOG | ALTERATION (SIL. SER. PY. Alb) | GEOLOGY NOTES | SUMMARY (ROCK, ALTERATION)

101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120

VCA 50

Planar qtz - Cb veining
Bleached zone - mod pervasive albite alt.

112.5 - 118' pale light grey/ green bleached zone with irregular carbonate veins

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX002

SHEET 7 OF 12

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 5/5/97
LOGGED BY	: D.G

Bedding · Cleavage · Foliation · Fault, Shear · Breccia · Broken core
Disseminated · Massive · Pervasive · Narrow vein · * Visible gold

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY
121							
122							
123							
124							
125							
126							
127							
128							
129							
130							
131							
132							
133							
134							
135						Epiclastic conglomerates + sst 134.9 – 144.59 Interbedded sst + rhyolitic epiclastic conglomerates. Conglomerate clasts often altered. Irregular thin chlorite veining	
136							
137							
138							
139							
140							

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX002

SHEET 8 OF 12

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 6/5/97
LOGGED BY	: D.G

Bedding · Cleavage · Foliation · Fault, Shear · Breccia · Broken core
Disseminated · Massive · Pervasive · Narrow vein · * Visible gold

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY
141							
142						142 – 143.20 abundant carbonate clasts	
143							
144						Lithic sst	
145	5		CA 35			144.59 – 147.2 greyish green fg lithic rich sst. Clasts of fg chloritic sediment, abundant carbonate and hydrothermal edrobrecciated clasts, minor lapper clasts. Small lapper grains in matrix. Mod sericitic bands throughout	
146							
147	5					Epiclastic conglomerates 147.2 – 154.15 Rhyolitic epiclastic conglomerates. Mostly rhyolite clasts. Minor chloritic sediment clasts	
148							
149							
150							
151							
152							
153							
154						Massive Rhyolite 154.15 – 203.78 Massive qtz phyric rhyolite lavas + minor autoclastics. Mod chlorite veining particularly at brecciated margins. Minor irregular carbonate veining.	
155							
156							
157							
158							
159							
160							

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX002

SHEET 9 OF 12

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 6/5/97
LOGGED BY	: I.G

Bedding
Cleavage
Foliation
Fault, Shear
Breccia
Broken core
Disseminated
Massive
Pervasive
Narrow vein
* Visible gold

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY ROCK	SUMMARY ALTERATION
161					SIL. SER. PY. Alb			
162								
163								
164								
165								
166								
167								
168								
169								
170								
171								
172								
173								
174								
175								
176								
177								
178								
179								
180								

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX002

SHEET 10 OF 12

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 6/5/97
LOGGED BY	: I.G

Bedding
Cleavage
Foliation
Fault, Shear
Breccia
Broken core
Disseminated
Massive
Pervasive
Narrow vein
* Visible gold

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY ROCK	SUMMARY ALTERATION
181					SIL. SER. PY.			
182								
183								
184								
185								
186								
187								
188								
189								
190								
191								
192								
193								
194								
195								
196								
197								
198								
199								
200								

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX002

SHEET 11 OF 12

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 6/5/97
LOGGED BY	: D. C

— Bedding
⌐ Cleavage
— Foliation
~ Fault, Shear
Breccia
Broken core
Disseminated
Massive
Pervasive
Narrow vein
* Visible gold

HOLE DEPTH | SAMPLE No PREFIX | ASSAY RESULTS | STRUCT. | GRAPHIC LOG | ALTERATION (SIL, SER, PY, Alb, Calcite) | GEOLOGY NOTES | SUMMARY (ROCK, ALTERATION)

201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220

Epiclastic conglomerates

203.79 - 206.20 grey-ish green epiclastic conglomerates with rhyolitic clasts, carbonate clasts and chloritic sediment clasts in a qtz rich sst matrix. Mod sericitic bands.

Rhyolitic Epiclastic Conglomerates

206.20 - 212.15 grey - pink rhyolitic epiclastic conglomerates, minor irregular carbonate veining, strong pervasive patchy albite alteration.

Fault

212.15 - 218.42 Fug Zone, Minor albitic rhyolite breccias.

Sheared Rhyolite

213.42 - 226.1 Pink, foliated broken up rhyolite, epiclastic / lavas?. Strong - mod pervasive albite altn. Mod sericitic altn.

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX002

SHEET 12 OF 12

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 6/5/97
LOGGED BY	: D. C

— Bedding
⌐ Cleavage
— Foliation
~ Fault, Shear
Breccia
Broken core
Disseminated
Massive
Pervasive
Narrow vein
* Visible gold

HOLE DEPTH | SAMPLE No PREFIX | ASSAY RESULTS | STRUCT. | GRAPHIC LOG | ALTERATION (SIL, SER, PY, Alb, Fuchsite, Chlorite) | GEOLOGY NOTES | SUMMARY (ROCK, ALTERATION)

221
222
223
224
225
226
227
228
229
230
231
232
233
234

Chlorite Schists

226.1 - 234.4 Chlorite schists with mod. pervasive fuchsite altn. Abundant qtz veining parallel to foliation.

REMARKS