99_4387

616001

PACIFIC-NEVADA MINING PTY LTD
Level 11, St Georges Square, 225 St Georges Terrace
Perth, Western Australia, 6000

EL27/97 TEMMA
ANNUAL REPORT TO 12.11.99

EL27/97
PT 1

015140

See folio 43

Volume 1 of 1

Prepared by: N.J. Turner Geological Services Pty Ltd
65 Lochner St, West Hobart, Tasmania 7000

9th November 1999

99_4387

Annual Report to 12/11/99 - EL27/97 - Temma
Pacific Nevada Pty Ltd*; Turner Geological Services
Turner, N.J.
EL27/97

616002

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EL27/97 TEMMA
ANNUAL REPORT TO 12.11.99

Volume 1 of 1

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616003

CONTENTS

1.0 Summary

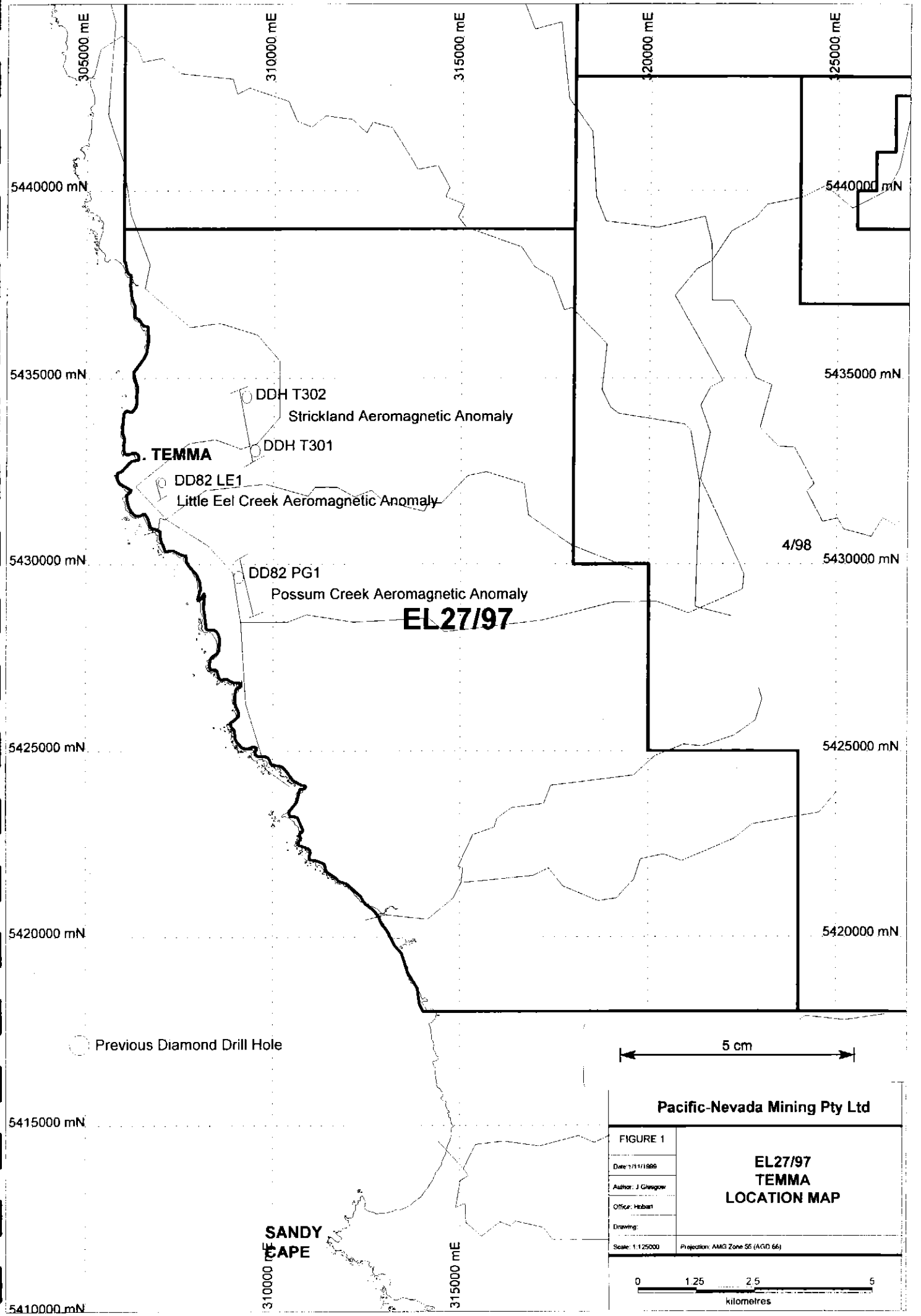
- Aeromagnetic data show that there are a number of lenticular magnetic units near Temma. These units trend NNW and are strongly discordant to bedding in the enclosing Proterozoic sandstone-siltstone formations.
- Most of the magnetic units have been previously investigated by gridding and soil sampling, geological mapping, ground magnetics and electro-magnetic methods. The units at Possum Creek, Little Eel Creek and at the old Strickland prospect have been diamond drilled.
- The diamond drilling has shown that the magnetic units correspond to iron-rich intervals that are characterized by the presence of substantial magnetite. Other minerals in the units include Fe-rich amphibole (grunerite), siderite, stilpnomelane, sericite, quartz, chlorite and minor sulphides.
- Previous assaying of drill core was selective, being mostly restricted to the iron-rich intervals. It showed that gold to 1.08gpt is present in the iron-rich interval in DD82 PG1 from Possum Creek. Also, gold to 1dwt (1.5gpt) is present in the iron-rich interval in DDH T302 at Strickland.
- Pacific-Nevada has relogged and non-selectively reassayed the entire cores from the four previous diamond drill holes. The presence of gold at Possum Creek was confirmed, but too little of the iron-rich interval in DDH T302 remained for satisfactory repeat sampling.
- Pacific-Nevada's analyses show that the Possum Creek iron-rich interval is markedly polymetallic, with gold to 0.75ppm, copper to 4380ppm, lead to 1.84%, zinc to 565ppm, silver to 22ppm and arsenic to 1.67%. The unsatisfactory sample from the iron-rich interval in T302 at Strickland is more weakly polymetallic, whilst the iron-rich intervals in the Little Eel Creek drill hole and in T301 at Strickland are even more weakly polymetallic, with only mildly anomalous copper and arsenic.
- There is vein-associated copper anomalism to 1.78% in rocks above (east of) the iron-rich interval in the Little Eel Creek drill hole, and to 4400ppm in rocks below (east of) the iron-rich interval in the Possum Creek drill hole.
- In the coming year Pacific-Nevada will carry out 1600m of diamond drilling in EL27/97. Detailed ground magnetic profiles will be obtained as a preliminary step, aimed at accurately establishing the relative positions of the magnetic features and the new drill holes (probably 8x200m).

2.0 Introduction

This is the first annual report for EL27/97 Temma. The exploration licence is located in western Tasmania, near the tiny settlement of Temma (Figure 1). It is accessible by all weather roads from Smithton, in north western Tasmania.

The licence includes freehold farmland and State Forest, also Crown Land that is part of the Arthur-Pieman Protected Area. The natural vegetation ranges from coastal scrub to dense forest.

616005


305000 mE
310000 mE
315000 mE
320000 mE
325000 mE
5440000 mN
5435000 mN
5430000 mN
5425000 mN
5420000 mN
5415000 mN
5410000 mN
DDH T302
Strickland Aeromagnetic Anomaly
DDH T301
TEMMA
DD82 LE1
Little Eel Creek Aeromagnetic Anomaly
DD82 PG1
Possum Creek Aeromagnetic Anomaly
EL27/97
4/98
Previous Diamond Drill Hole
5 cm
SANDY CAPE
Pacific-Nevada Mining Pty Ltd
FIGURE 1
EL27/97
TEMMA
LOCATION MAP
Date: 1/11/1999
Author: J Glasgow
Office: Hobart
Drawing:
Scale: 1:125000
Projection: AMG Zone 55 (AGD 66)
0
1.25
2.5
5
kilometres

3.0 Exploration philosophy

The Tennant Creek style of gold-bearing ironstone body is seen as an interesting possible analogy for the magnetite bearing bodies in EL 27/97 and EL 15/97, even though bismuth has not been detected.

4.0 Work carried out by Pacific-Nevada

4.1 RELOGGING OF PREVIOUS DRILL HOLES

4.1.1 DD82 PG1 and DD82 LE1

The magnetic units at Possum Creek and at Little Eel Creek were drilled by CRAE Pty Ltd in 1982 (Weber, 1983; Herrmann & Sumpton, 1982). Both holes intersected iron-rich intervals characterized by magnetite. Gold values of up to 1.08gpt were returned from the iron-rich interval in DD82 PG1 at Possum Creek, but no values above detection limit were returned from DD82 LE1 at Little Eel Creek.

Petrological examination (Weber, 1983; Dove, 1988) of two samples from the magnetite bearing interval in PG1 showed a weakly sheared assemblage of magnetite-grunerite-siderite and a strongly sheared (schistose) assemblage of magnetite-stilpnomelane-siderite. Both assemblages contained minor pyrite, chalcopyrite and arsenopyrite. A schistose sample from just above the magnetite bearing interval consisted of a substantially retrogressed (chloritized) garnetiferous assemblage. Three samples from the magnetite bearing interval in LE1 consisted of quartz-magnetite-siderite and quartz-magnetite-sericite assemblages, each with pyrite and chalcopyrite. The assemblages in PG1 and LE1 were interpreted as being the result of pyrometasomatism, with late formation of siderite, sericite and chlorite.

Since substantial parts of the PG1 and LE1 cores had not been assayed previously, Pacific-Nevada systematically split and assayed all of both cores and relogged them (Appendix 1, Parts 1& 2). These procedures were generally satisfactory except in some sections of poor core recovery and/or multiple previous sampling. The analytical work for PG1 shows an iron-rich interval extending from 38.62m to 58m depth. This includes 15.2m (41.9-57.1m depth) of magnetite bearing material (Figure 2) ranging 25.3% to 45.5% Fe and returning gold assays that are consistent with CRA's earlier results. No gold was detected in the iron-rich interval (75.5-95.43m depth) in EL1.

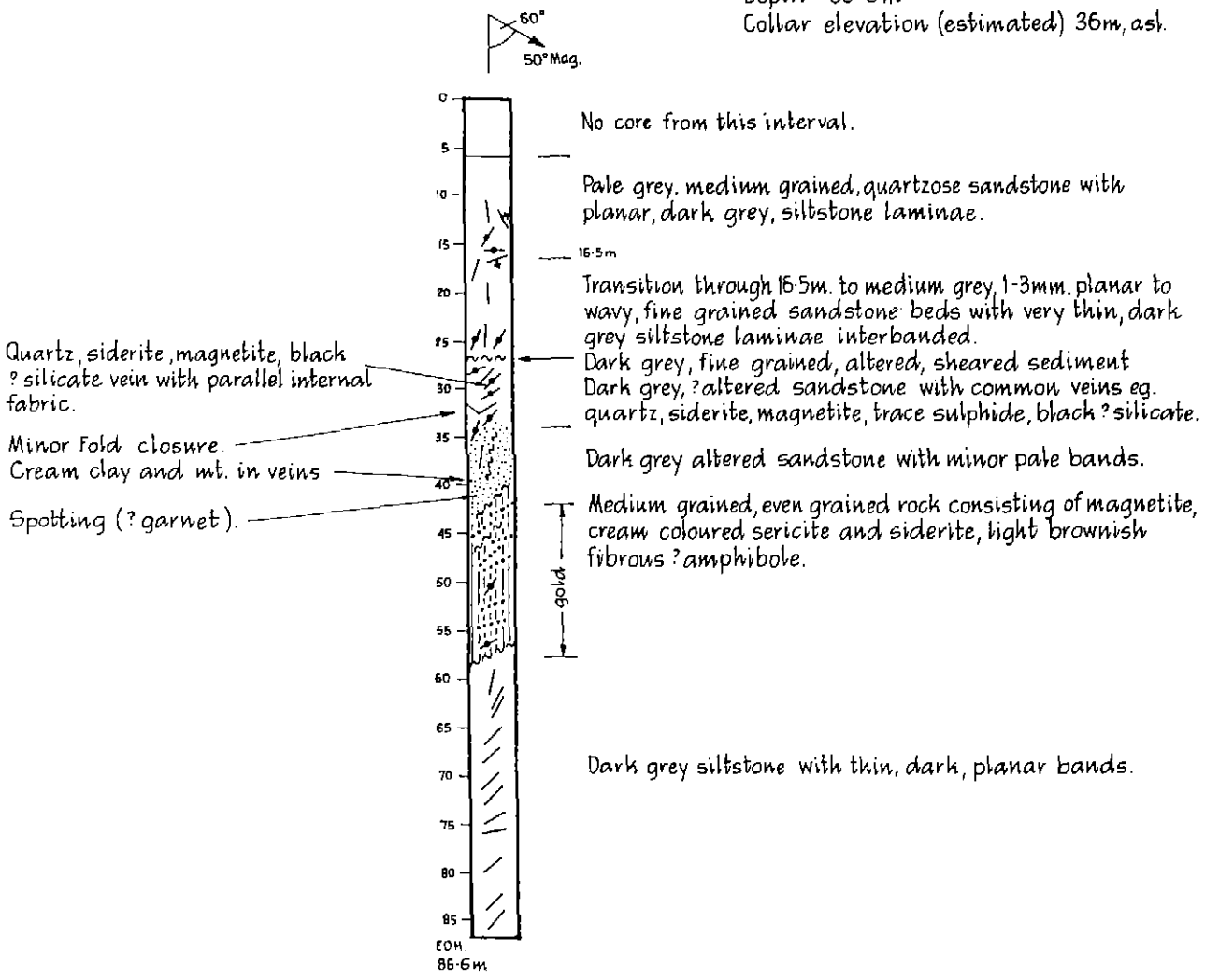
4.1.2 DDH T301 and T302

Two diamond drill holes were put down in the main magnetic unit at the Strickland prospect by Pickands Mather International in 1967. Plans, cross sections and logs relating to the work are kept in Mineral Resources Tasmania's library, but no specific report appears to exist. A gold assay of 1dwt (1.5gpt) was returned from the iron-rich interval in T302.

616007

SPECIFICATIONS OF DD82 PG1

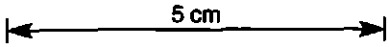
Local Grid 10242m.E 10800m N
AMG (estimate) 309930mE 5429570mN
Azmuth (estimate) ?62° AMG
Inclination -60°
Depth 86·6m
Collar elevation (estimated) 36m, asl.



SYMBOLS

- ~~~~ Trace of polished, slickensided shear.
- — Trace of bedding.
- Trace of bedding with sedimentary facing.
- ····· Trace of crude mineral banding.
- —• Trace of vein.

NB Traces measured relative to core axis. Core not oriented.



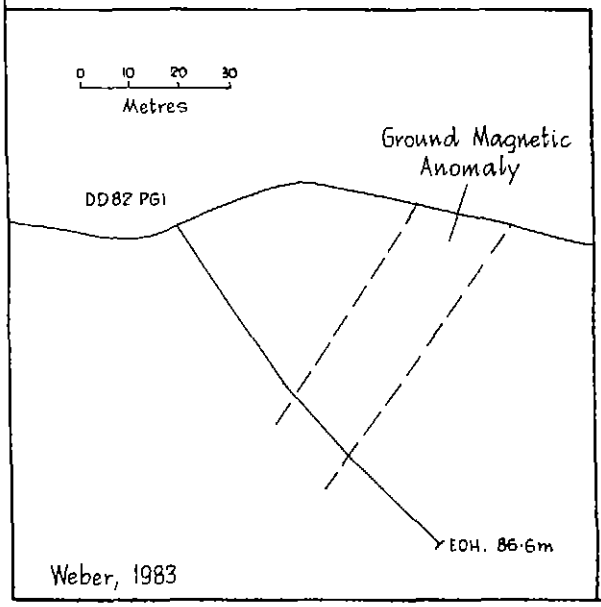


Fig 2.

Pacific - Nevada Mining Pty. Ltd.

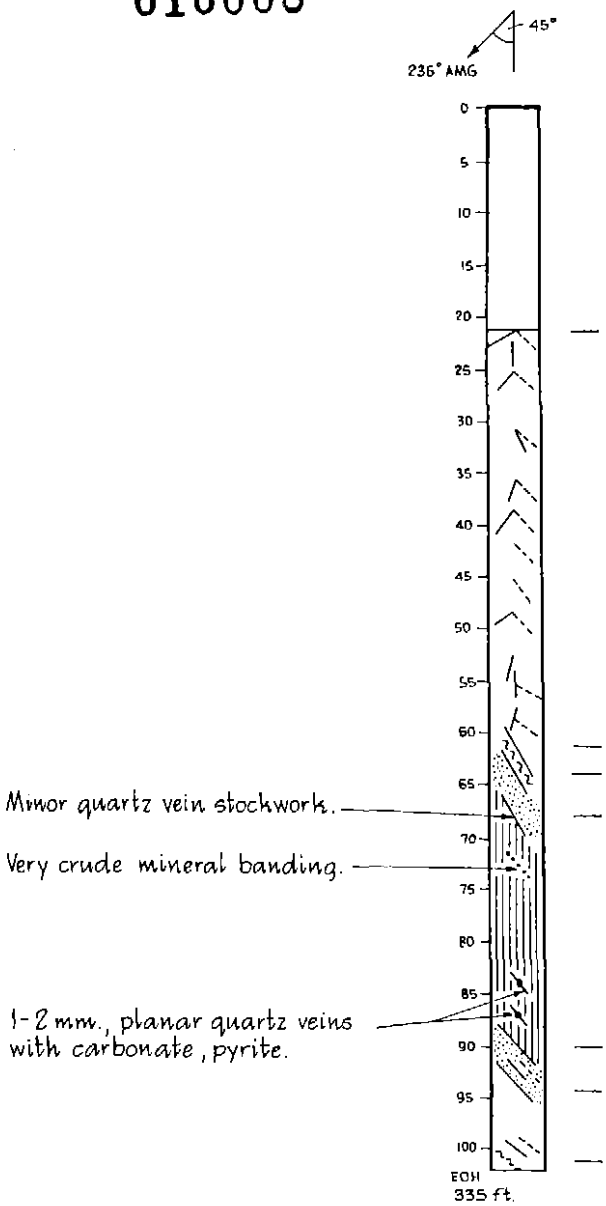
EL 27/97 TEMMA
POSSUM CREEK PROSPECT
RELOGGING OF DD82 PG1

Compiled: Nic Turner Drawn: Peter Nankivell
29 Oct. 99

616008

SPECIFICATIONS OF DDH T301

Local Grid 10155mE, 9817m N.
AMG (estimate) 309670mE 5433485m N
Azimuth (estimate) 236° AMG
Inclination -45°
Depth 102·1m.
Collar elevation (estimate) 82m. asl.



No core kept from this interval.

Pale grey and medium grey, fine grained quartzose sandstone and siltstone, mostly displaying thin (1-4mm.) planar banding. Disseminated pyrite present in places. Spotting (?metamorphic) in places. Common, unknown, black, ? silicate mineral. Occasional very thin quartz veins, some with pyrite.

Black siltstone with sparse medium grey bands (few mm.)

Poor recovery of black siltstone with alteration to garnet (64m), chlorite (67·6m), with quartz-pyrite veins.

Minor quartz vein stockwork.

Very crude mineral banding.

Massive, even grained, medium grained rock consisting of magnetite, cream coloured siderite, honey coloured ?quartz. Chloritic patches (eg. 80-80·7m). Trace of pyrite and ?chalcopyrite throughout.

1-2 mm., planar quartz veins with carbonate, pyrite.

Poor recovery of olive and dark grey siltstone. No magnetite or sulphide though rocks appear altered.

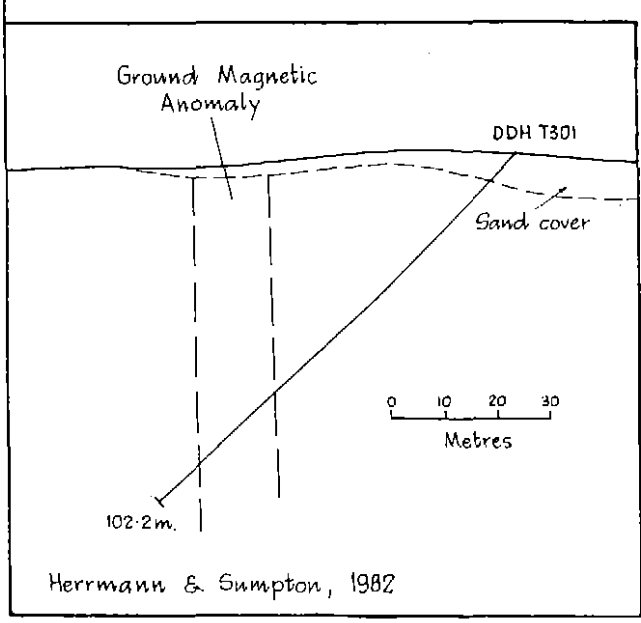
Dark grey siltstone with thin (1-5mm.) planar bands.

Chloritic shear at 101·8m.

SYMBOLS

- Possible trace of lithological boundary.
- Trace of polished, slickensided shear.
- Trace of bedding.
- Trace of cleavage.
- Trace of crude mineral banding in magnetite-rich body.
- Trace of vein.

NB. Traces measured relative to core axis. Core not oriented.



Herrmann & Sumpton, 1982

Fig 3.

Pacific - Nevada Mining Pty. Ltd.

EL 27/97 TEMMA
STRICKLAND PROSPECT
RELOGGING OF DDH T301

Compiled: Nic Turner Drawn: Peter Nankivell
1. Nov. 1999

Pacific-Nevada has systematically split and assayed the entire cores from T301 and T302 as well as relogging them (Appendix 1, Parts 3&4). Not enough of the thin iron-rich interval in T302 remained for satisfactory resampling, and no gold was detected. Nor was gold detected in T301 where there is an iron-rich interval at 67-94m depth. This interval includes 22m (68-90m depth) that is characterized by magnetite (Figure 3) and ranges 34.1%-44.4% Fe.

4.2 AEROMAGNETIC INTERPRETATION

Flagstaff Geo-Consultants carried out an interpretation of available aeromagnetic data for the Temma district. Their report is presented as Appendix 2 of the Annual Report for EL15/97 (Turner, 1999). This licence is contiguous with EL27/97.

5.0 Future work

Pacific-Nevada is planning to carry out 1600m of diamond drilling in EL27/97, probably in 8 holes x 200m depth with at least two holes in the Possum Creek magnetic unit. One hole will be close to DD82 PG1, but will test the iron-rich interval at a greater depth. Another hole will be some 200m along strike in a southerly direction. Both holes will be collared to the south west of the magnetic unit.

One diamond drill hole will be put down near DDH T302 at the Strickland prospect. It will be collared to the west such that it tests below the old Strickland mine before going on to test the main magnetic unit, at a greater depth than was achieved by T302. Another hole may be used to test the main magnetic unit near T301, but at a greater depth.

The drilling will be preceded by a detailed ground magnetic program to pinpoint the magnetic bodies. Additional drill holes will be sited on the basis of this data.

6.0 Environmental matters

No activities which cause environmental impact were undertaken during the year.

7.0 References

Anon.1967. Plans, sections and logs for the Nelson Bay River prospect. Pickands Mather International. Mineral Resources Tasmania library.

Dove, A. 1988. EL7/87 Annual report on exploration completed in the Nelson River area of Western Tasmania to 26/6/87. Bach Holdings Pty Ltd. Mineral Resources Tasmania TCR 88-2823.

Herrmann, W. & Sumpton, J. 1982. Progress Report EL1/77 Temma Area 1981.Geopeko.Mineral Resources Tasmania TCR 82-1721.

Perring, R. J. 1983. EL1/77 Rocky Cape. Temma area progress report 1/8/82 to 31/7/83. Geopeko. Mineral Resources Tasmania TCR 84-2151.

Turner, N. J. 1999. EL15/97 Annual Report to 5.11.99. *Pacific-Nevada Mining* Pty Ltd

Weber, G. B. 1983. Rocky Cape EL1/77. Progress report on the Temma area. CRA Exploration Pty Ltd. Mineral Resources Tasmania TCR 83-2094.

APPENDIX 1

RELOGGING OF DD82 PG1, DD82 EL1, DDH T301 AND DDH T302

Part 1: DD82 PG1, Possum Creek, CRAE Pty Ltd, 1982.
Local grid 10242mE 10800mN AMG (estimate) 309930mE 5429570mN
Azimuth (estimate) ?62^0 AMG Inclination -60^0
RL (estimate) 36m asl

Part 2: DD82 EL1, Little Eel Creek, CRAE Pty Ltd, 1982.
Local grid 086mE 100mN AMG (estimate) 306975mE 5432110mN
Azimuth (estimate) 235^0 AMG Inclination -50^0
RL (estimate) 18m asl

Part 3: DDH T301, Temma (Strickland prospect), Pickands Mather Int., 1967.
Local grid 10155mE 9817mN AMG (estimate) 309670mE 5433480mN
Azimuth (estimate) 235^0 AMG Inclination -45^0
RL (estimate) 82m asl

Part 4: DDH T302, Temma (Strickland prospect), Pickands Mather Int., 1967.
Local grid 10160m E 10060m N AMG (estimate) 309550mE 5433650mN
Azimuth (estimate) 235^0 AMG Inclination -45^0
RL (estimate) 79m asl

Note: AMG co-ordinates determined by plotting local grid co-ordinates from Weber (1983) and Hermmann & Sumpton (1982) on Plan 11, Perring (1983). The position of DD82 PG1 may be some 150m too far west.

OTHER DATA

Core recovery
See original logs.

Analytical Samples
Nominally over 1m intervals except at geological boundaries.

Analytical methods - Analabs
Dry, jaw crush, fine pulverize, ring mill (SO33); gold by 30g fire assay, lead collection, AAS (F630); copper, lead, zinc, bismuth, arsenic, iron by total acid digest, AAS (G104/A104); As by hydride generation, AAS (G104/H104).

PART 1

EL27/97 Temma, DDH **PG1**, CRA Exploration Pty Ltd 1982

From (m)	To (m)	Description
0	6	Not in MRT core store.
6	16.35	Medium grained, medium grey, massive quartzose sandstone with scattered dark grey plane bands, intervals of dark grey siltstone and intervals of pale *sandstone with scoured bases. Disseminated pyrite in* places.
16.35	26.5	Darker quartzose sandstone with plane to wavy, very thin dark grey laminae. Scattered thin quartz veins. 23-23.1: chlorite-pyrite vein.
26.5	26.75	Sandstone becomes darker, more broken, displays polished and slickensided shears. Possibly consists of a mafic alteration assemblage.
26.75	27.25	Vein of ?carbonate, quartz, trace sulphide with magnetite in centre of the vein and black non-magnetic ?silicate in outer part.
27.25	27.9	Mostly non-banded ?altered fine grained sedimentary rock.
27.9	28.08	Vein with crude internal foliation, consists of quartz, carbonate, magnetite and black non-magnetic ?silicate.
28.08	38.62	Massive dark grey ,fine-medium grained quartzose sandstone (?altered), mostly unbanded. 28.25, 28.45: veins with abundant black ?silicate, no mt. 28.75-28.85: vein of carbonate,quartz,py, black ?silicate. 29.25: compound vein with one phase of fine grained dark grey to black mineral, other phase of carbonate, quartz, magnetite, sulphide 31.35-31.55: compound vein with early phase rich in black ?silicate, late phase rich in pale brownish carb. 32.15-32.4: clay vein. 37.4-37.7: black shale with polished slickensided shears.
38.62	40.0	Cream clay as veins in dark grey quartzite. Patches of relict magnetite at 39.75.
40	41.2	Massive fine grained dark grey quartzite, spotting intense around 40.45= ?garnet.
41.2	41.9	Sheared shale with some pyrite.
41.9	44.9	Granular massive magnetite-sericite rock with distinct foliation due to elongation of mt patches.
		Note: 44.12-44.19 not sampled.
44.9	45.22	Black shaly siltstone, polished shears.
		Note: 46.9-47.1 not sampled.
45.22	50.4	Crudely foliated mt-sericite-fibrous ?amphibole rock.
50.4	50.55	Badly broken core with milky quartz veins,

50.55	51.58	Breccia of blocks of mainly coarse grained mt, blocks of sericite, and blocks of quartz-?siderite.
51.58	57	Foliated mt, sericite, trace sulphide rock with patches of greenish alteration, leached patches of cellular quartz. 56.6-57: matrix of bright red, ochreous material.
		Note: 56-56.6 not sampled.
57	57.1	Plane banded quartz-pyrite.
57.1	58	Sheared black pelite.
58	78.1	*Dark grey siltstone with subtle thin plane banding. Fairly* common quartz-chlorite veins. 71-78.1: Sparse cross-cutting veinlets and patches of cp. 77.5-78.1: Pyrite-quartz veins common.
78.1	86.6	Similar siltstone but not much veining.
86.6		End of hole
		Note: There are very few late plane quartz veins in this core.

ASSAYS

Project: Temma **Prospect:** Possum Grid **Exploration Licence:** EL27/97 **Hole Number:** PG-1

		Units	ppm	ppm			ppm		ppm		ppm		ppm		ppm						%	ppm
		Detection Limit	0.01	0.01			4		5		4		2		10						0.01	20
		Method	F630	F630			A104		A104		A104		A104		H104						A104	A104
Sample Number	From	To	Au	Au(R1)	Au(R2)	Au(R3)	Cu	Cu(R1)	Pb	Pb(R1)	Zn	Zn(R1)	Ag	Ag(R1)	As	As(R1)	Sn	Pt	Pd	Ni	Fe	Bi
7460061	12.00	13	-0.01	-			27		11		40		-2		-10						2.71	-20
7460062	13	14	-0.01	-			29		9		45		-2		-10						3.61	-20
7460063	14	15	-0.01	-			139		16		58		-2		-10						6.28	-20
7460064	15	16	-0.01	-			66		12		43		-2		-10						4.05	-20
7460065	16	17	-0.01	-			211		8		60		-2		-10						4.52	-20
7460066	17	18	-0.01	-			29		20		57		-2		-10						3.2	-20
7460067	18	19	-0.01	-			36		39		18		-2		-10						3.67	-20
7460068	19	20	-0.01	-			22		18		17		-2		-10						3.48	-20
7460069	20	21	-0.01	-			14		17		25		-2		-10						3.98	-20
7460070	21	22	-0.01	-			14		12		29		-2		24						3.99	-20
7460071	22	23	-0.01	-			10		14		37		-2		47						3.66	-20
7460072	23	24	-0.01	-			34		23		55		-2		-10						6.29	-20
7460073	24	25	-0.01	-			18		30		72		-2		11						4.75	-20
7460074	25	26	-0.01	-			9		51		32		-2		29						3.75	-20
7460075	26	26.75	-0.01	-			9		41		50		-2		24						6.01	-20
7460076	26.75	27.25	-0.01	-			93		-5		37		-2		-10						25.5	-20
7460077	27.25	27.9	-0.01	-			11		6		82		-2		-10						14.6	-20
7460078	27.9	28.08	-0.01	-			51		7		48		-2		-10						18.1	-20
7460079	28.08	28.70	-0.01	-			19		25		26		-2		-10						4.91	-20
7460080	28.70	28.8	-0.01	-			309		-5		62		-2		53						15.2	-20
7460081	28.8	30.0	-0.01	-			32		30		27		-2		-10						4.95	-20
7460082	30.0	31.0	-0.01	-			17		20		34		-2		-10						3.41	-20
7460083	31.0	31.35	-0.01	-			13		40		98		-2		-10						4.26	-20
7460084	31.35	31.55	-0.01	-0.01			56		20		89		-2		-10						12.1	-20

616014

		Units	ppm	ppm			ppm		ppm		ppm		ppm		ppm						%	ppm
	Detection Limit		0.01	0.01			4		5		4		2		10						0.01	20
		Method	F630	F630			A104		A104		A104		A104		H104						A104	A104
Sample Number	From	To	Au	Au(R1)	Au(R2)	Au(R3)	Cu	Cu(R1)	Pb	Pb(R1)	Zn	Zn(R1)	Ag	Ag(R1)	As	As(R1)	Sn	Pt	Pd	Ni	Fe	Bi
7460085	31.55	32.0	-0.01	-			8		18		25		-2		-10						6.67	-20
7460086	32.0	33.0	-0.01	-			31		148		25		-2		-10						7.22	-20
7460087	33.0	34.0	-0.01	-			21		41		18		-2		-10						4.35	-20
7460088	34.0	35.0	-0.01	-			52		21		38		-2		51						10.3	-20
7460089	35.0	36.0	-0.01	-			18		139		26		-2		-10						3.88	-20
7460090	36.0	37.0	-0.01	-			11		32		24		-2		10						2.9	-20
7460091	37.0	38.0	-0.01	-0.01			16		67		56		-2		145						7.52	-20
7460092	38.0	38.62	-0.01	-			74		33		91		-2		155						9.28	-20
7460093	38.62	40	-0.01	-			273		12	-	64		-2		>100	110					17.4	-20
7460094	40	41	-0.01	-			46		20	-	191		-2		>100	120					21.7	-20
7460095	41	41.9	-0.01	-			83		-5	-	256		-2		38	-100					23.7	-20
7460096	41.9	43	-0.01	-0.01			380		-5	-	201		-2		>100	1140					36.7	-20
7460097	43	44.12	-0.01	-			1200		33	-	308		3		>100	610					41.5	-20
7460098	44.9	46	-0.01	-			460		-5	-	243		-2		>100	440					37.8	-20
7460099	43	46.9	0.15	0.17			1110		66	-	304		2		>100	11500					33.2	-20
7460100	47.1	48.12	0.06	0.06			3730		33	-	451		10		59	-100					37.9	-20
7460101	48.12	50.1	-0.01	-			1580		41	-	292		4		73	-100					28.1	-20
7460102	50.1	50.4	-0.01	-0.01			1060		58	-	347		3		30	-100					39.6	-20
7460103	50.4	50.55	-0.01	-			751		1845	-	266		3		57	-100					25.3	-20
7460104	50.55	51.58	0.75	0.75			1460		>10000	1.84	408		22		>100	16700					35	-20
7460105	51.58	52.3	-0.01	-			453		132	-	404		2		>100	200					38.8	-20
7460106	52.3	52.9	-0.01	-			195		41	-	289		-2		28	-100					45.5	-20
7460107	52.9	54.0	-0.01	-			192		6280	-	451		6		15	-100					41.1	-20
7460108	54.0	55.0	-0.01	-			434		1075	-	262		2		32	-100					40.9	-20
7460109	55.0	56.00	-0.01	-			1025		627	-	385		3		91	-100					38.3	-20
7460110	56.6	57	-0.01	-			4380		113	-	565		10		>100	490					38.2	-20
7460111	57.10	58.00	-0.01	-			1060		14	-	288		-2		85	-100					20.8	-20
7460112	58.00	59.00	-0.01	-			607		19	-	96		-2		15	-100					7.25	-20
7460113	59.00	60.0	-0.01	-			500		17	-	43		-2		12	-100					4.9	-20

616015

		Units	ppm	ppm			ppm		ppm	%	ppm		ppm		ppm	ppm					%	ppm
		Detection Limit	0.01	0.01			4		5	0.001	4		2		1	100					0.01	20
		Method	F630	F630			A104		A104	A105	A104		A104		H104	A104					A104	A104
Sample Number	**From**	**To**	**Au**	**Au(R1)**	**Au(R2)**	**Au(R3)**	**Cu**	**Cu(R1)**	**Pb**	**Pb(R1)**	**Zn**	**Zn(R1)**	**Ag**	**Ag(R1)**	**As**	**As(R1)**	**Sn**	**Pt**	**Pd**	**Ni**	**Fe**	**Bi**
7460114	60.0	61.0	-0.01	-			197		5	-	45		-2		14	-100					4.65	-20
7460115	61.0	62.0	-0.01	-			22		5	-	21		-2		7	-100					4.55	-20
7460116	62.0	63	-0.01	-			13		9	-	20		-2		16	-100					4.75	-20
7460117	63	64	-0.01	-			24		9	-	20		-2		13	-100					5	-20
7460118	64	65	-0.01	-			111		14	-	24		-2		17	-100					5.6	-20
7460119	65	66	-0.01	-			116		7	-	29		-2		10	-100					5.9	-20
7460120	66	67	-0.01	-			266		8	-	23		-2		13	-100					4.65	-20
7460121	67	68	-0.01	-			54		6	-	20		-2		9	-100					3.15	-20
7460122	68	69	-0.01	-0.01			492		-5	-	20		-2		25	-100					3.5	-20
7460123	69	70	-0.01	-			121		6	-	17		-2		24	-100					3.05	-20
7460124	70	71	-0.01	-			469		6	-	25		-2		14	-100					3.55	-20
7460125	71	72	-0.01	-			543		5	-	21		-2		9	-100					3	-20
7460126	72	73	-0.01	-			212		10	-	18		-2		15	-100					2.9	-20
7460127	73	74	-0.01	-0.01			477		6	-	26		-2		17	-100					2.85	-20
7460128	74	75	-0.01	-			1305		11	-	38		-2		40	-100					3.7	-20
7460129	75	76	-0.01	-			4400		7	-	42		-2		11	-100					3.85	-20
7460130	76	77	-0.01	-			1875		26	-	56		-2		28	-100					5.2	-20
7460131	77	78	-0.01	-			937		12	-	70		-2		23	-100					11	-20
7460132	78	79	-0.01	-			77		-5	-	51		-2		14	-100					4.85	-20
7460133	79	80	-0.01	-			67		8	-	47		-2		13	-100					3.35	-20
7460134	80	81	-0.01	-			1365		11	-	72		-2		12	-100					3.9	-20
7460135	81	82	-0.01	-			530		7	-	45		-2		11	-100					4.1	-20
7460136	82	83	-0.01	-			75		8	-	45		-2		-1	-100					4.45	-20
7460137	83	84	-0.01	-			11		15	-	37		-2		3	-100					3.3	-20
7460138	84	85	-0.01	-			32		22	-	55		-2		-1	-100					5.15	-20
7460139	85	86	-0.01	-			13		16	-	43		-2		18	-100					3.8	-20
7460140	86	86.6	-0.01	-			19		9	-	50		-2		4	-100					5	-20

616016

PART 2

EL27/97 Temma, DDH **LE1**, CRA Exploration Pty Ltd 1982

0	36.5	Not in MRT core store.
36.5	40.6	Pale grey fine grained quartzose sandstone with abundant thin (<5mm) dark grey wavy laminae. Pyrite on fractures. Scattered thin quartz veins. 38.3-39.6: quartz veins consisting of milky, vuggy quartz containing angular fragments of country rock and common sulphide (up to 30% by volume)-mainly py, with chalcopyrite.
40.6	44.1	Fairly uniform medium grained, medium grey quartzose sandstone with thin lighter and darker grey plane banding, occasionally wavy. A few patches rich in disseminated pyrite. 41.6-42.6:vein of milky quartz with drusy cavities, a little sulphide and a few country rock fragments
44.1	50.9	Lithological bands more pronounced with pale grey medium grained sandstone grading through laminated material to dark grey pelitic beds. Scoured bases of sandstone beds imply that top is up-hole. Sandstone dykes present. 44.5-44.73: Milky quartz vein with country rock fragments.
50.9	55	Quartzose sandstone similar 40.6-44.1. Scattered quartz veins.
55	55.25	Quartz-pyrite vein with country rock fragments. At low angle to core axis.
55.25	62.45	Mixture of plane and wavy laminated quartzose sandstone. Scattered quartz veins. 59.5-61.55: disseminated dark spots to 2mm, ?thermal metamorphic.
62.45	65.3	Wavy laminated quartzose sandstone. Scattered thin quartz veins.
65.3	73.0	Mixture of plane and wavy laminated quartzose sandstone. Amount of dark mineral in sandstone increases at around 67.5 causing rocks to become darker. Core very broken by 68.0. Scattered thin quartz veins throughout. 65.3: start of medium green porphyroblasts, up to 3mm across, rounded, may occur in thin zones. 69.18-69.28: Vuggy, milky quartz vein with about 25% pyrite and trace copper salts.
73.0	79.5	Rocks now distinctively dark grey in colour. They are fairly uniformly fine grained, with detrital muscovite flakes up to 1mm across in places. Plane banding is locally present. Scattered thin quartz veins to 77.5, then veins

		become more common. 75.5-77.5: shearing at low angle to core. 77.5-79.5: Veining common, includes zoned quartz veins with median drusy cavities, fragments of country rock and sulphide. There are later sulphide veins. Sulphide is common and seems to be mainly pyrite.
79.5	81.0	Dark grey, fine grained spotted rock with common quartz-sulphide and sulphide veins.
81.0	84.5	Same rock with less veining, no spotting, slickensided shears present. Very little core remaining.
84.5	87.6	Very little core remaining. Includes vuggy milky quartz veins with pyrite and trace copper salts. Magnetite present from 84.6.
87.6	95.75	Granular massive even grained, medium-coarse grained rock consisting of magnetite, quartz, pale coloured mineral(s) including carbonate. Pyritic patch at 92m but sulphide generally low. 87.6-91.6: Very little core remaining
		Note: 82.17-91.6 represented by a single assay. 93.1-93.6 not analysed
95.75	99.6	Very little core remaining. Dark grey fine grained rock with pyrite and quartz-pyrite veining.
		Note: 95.43-102.6 not analysed
99.6	102.6	No core remaining.
102.6	106.39	No sulphide or magnetite. Silicate ?alteration assemblage. Quartz veins.
106.39	109.7	Dark grey fine grained sandstone or siltstone with subtle plane bands. Scattered thin quartz veins, no sulphide.
109.7		End of hole.

ASSAYS

Project: Temma **Prospect:** Little Eel **Exploration Licence:** EL27/97 **Hole Number:** LE-1

	Units	ppm	ppm			ppm		ppm		ppm		ppm		ppm						%	ppm
	Detection Limit	0.01	0.01			4		5		4		2		10						0.01	20
	Method	F630	F630			A104		A104		A104		A104		H104						A104	A104
Sample Number	From	To	Au	Au(R1)	Au(R2)	Au(R3)	Cu	Cu(R1)	Pb	Pb(R1)	Zn	Zn(R1)	Ag	Ag(R1)	As	As(R1)	Sn	Pt	Pd	Ni	Fe	Bi
7460001	36.5	37.5	-0.01	-			135		10		29		-2		14						2.64	-20
7460002	37.5	38.3	-0.01	-			410		-5		42		-2		26						8.37	-20
7460003	38.3	38.7	-0.01	-			7270		-5		36		5		30						12.8	-20
7460004	38.7	39.2	-0.01	-			5610		14		35		5		44						10.8	-20
7460005	39.2	39.6	-0.01	-			17800		-5		27		12		170						6.52	-20
7460006	39.6	40.6	-0.01	-			843		-5		35		-2		-10						6	-20
7460007	40.6	41.6	-0.01	-			924		-5		48		-2		-10						2.9	-20
7460008	41.6	42.6	-0.01	-			693		-5		14		-2		-10						2.99	-20
7460009	42.6	43.6	-0.01	-			1940		-5		22		-2		-10						7.3	-20
7460010	43.6	44.6	-0.01	-0.01			462		-5		23		-2		32						4.51	-20
7460011	44.6	45.62	-0.01	-			897		-5		23		-2		-10						4.25	-20
7460012	45.62	46.3	-0.01	-			205		-5		28		-2		24						5.4	-20
7460013	46.3	47.2	-0.01	-			279		7		19		-2		11						2.84	-20
7460014	47.2		-0.01	-			258		-5		18		-2		-10						2.87	-20
7460015		49.1	-0.01	-			746		-5		21		-2		15						3.6	-20
7460016	49.1	50.2	-0.01	-			410		7		27		-2		17						3.67	-20
7460017	50.2	50.9	-0.01	-			274		6		47		-2		15						3.78	-20
7460018	50.9	51.75	-0.01	-			74		-5		21		-2		12						3.06	-20
7460019	51.75	52.6	-0.01	-0.01			230		6		23		-2		-10						3.5	-20
7460020	52.6	53.45	-0.01	-			152		10		28		-2		-10						4.81	-20
7460021	53.45	54.25	-0.01	-			77		23		25		-2		10						3.06	-20
7460022	54.25	55.0	-0.01	-			88		22		31		-2		-10						4.13	-20
7460023	55.0	55.25	-0.01	-			79		63		55		-2		26						10	-20

6160019

		Units	ppm	ppm			ppm		ppm		ppm		ppm		ppm						%	ppm
	Detection Limit		0.01	0.01			4		5		4		2		10						0.01	20
		Method	F630	F630			A104		A104		A104		A104		H104						A104	A104
Sample Number	From	To	Au	Au(R1)	Au(R2)	Au(R3)	Cu	Cu(R1)	Pb	Pb(R1)	Zn	Zn(R1)	Ag	Ag(R1)	As	As(R1)	Sn	Pt	Pd	Ni	Fe	Bi
7460024	55.25	56.05	-0.01	-			195		17		45		-2		19						5.66	-20
7460025	56.05	57.0	-0.01	-			72		8		43		-2		-10						3.42	-20
7460026	57.0	57.85	-0.01	-			114		5		63		-2		-10						2.86	-20
7460027	57.85	58.6	-0.01	-			45		-5		48		-2		-10						2.53	-20
7460028	58.6	59.66	-0.01	-0.01			150		8		24		-2		-10						4.12	-20
7460029	59.66	60.7	-0.01	-			48		12		28		-2		-10						2.76	-20
7460030	60.7	61.55	-0.01	-			154		-5		20		-2		-10						3.34	-20
7460031	61.55	62.45	-0.01	-			235		5		25		-2		-10						4.75	-20
7460032	62.45	63.3	-0.01	-			95		-5		30		-2		-10						4.63	-20
7460033	63.3	64.3	-0.01	-			183		5		21		-2		-10						3.11	-20
7460034	64.3	65.3	-0.01	-			205		-5		22		-2		-10						3.35	-20
7460035	65.3	66.3	-0.01	-0.01			151		-5		19		-2		-10						2.54	-20
7460036	66.3	67.1	-0.01	-			85		-5		24		-2		-10						6.35	-20
7460037	67.1	68.0	-0.01	-			73		-5		18		-2		-10						4.39	-20
7460038	68.0	68.95	-0.01	-			176		-5		28		-2		-10						5.92	-20
7460039	68.95	69.18	-0.01	-			202		-5		30		-2		14						7.35	-20
7460040	69.18	69.28	-0.01	-			2030		-5		12		-2		78						10	-20
7460041	69.28	70.3	-0.01	-			107		-5		36		-2		-10						7.16	-20
7460042	70.3	71.35	-0.01	-			33		7		26		-2		-10						4.41	-20
7460043	71.35	72.4	-0.01	-			55		-5		37		-2		-10						5.59	-20
7460044	72.4	73.45	-0.01	-			183		-5		32		-2		-10						5.85	-20
7460045	73.45	74.2	-0.01	-			53		7		22		-2		-10						3.13	-20
7460046	74.2	74.75	-0.01	-			25		-5		15		-2		-10						2.7	-20
7460047	74.75	75.5	-0.01	-			74		10		29		-2		-10						4.47	-20
7460048	75.5	77.5	-0.01	-			461		-5		71		-2		12						17.3	-20
7460049	77.5	79.2	-0.01	-			934		-5		43		-2		88						14.7	-20
7460050	79.2	79.5	-0.01	-			112		-5		45		-2		23						8.75	-20
7460051	79.5	81.00	-0.01	-			125		-5		52		-2		-10						18.8	-20

616020

		Units	ppm	ppm			ppm		ppm		ppm		ppm		ppm						%	ppm
		Detection Limit	0.01	0.01			4		5		4		2		10						0.01	20
		Method	F630	F630			A104		A104		A104		A104		H104						A104	A104
Sample Number	From	To	Au	Au(R1)	Au(R2)	Au(R3)	Cu	Cu(R1)	Pb	Pb(R1)	Zn	Zn(R1)	Ag	Ag(R1)	As	As(R1)	Sn	Pt	Pd	Ni	Fe	Bi
7460052	81.00	82.17	-0.01	-			148		-5		72		-2		41						22.9	-20
	82.17	91.6	-0.01	-			279		-5		59		-2		93						22.1	-20
	81.00	82.17	-0.01	-			148		-5		72		-2		41						22.9	-20
	82.17	91.6	-0.01	-			279		-5		59		-2		93						22.1	-20
7460053	91.6	92.3	-0.01	-			565		17		42		-2		-10						33.5	-20
7460054	92.3	93.1	-0.01	-			426		-5		53		-2		-10						43.4	-20
7460055	93.6	94.68	-0.01	-			177		-5		67		-2		-10						32.6	-20
7460056	94.68	95.43	-0.01	-			94		-5		170		-2		-10						33	-20
7460057	102.6	106.39	-0.01	-			54		-5		82		-2		12						5.13	-20
7460058	106.39	107.2	-0.01	-0.01			107		25		45		-2		71						2.42	-20
7460059	107.2	108.2	-0.01	-0.01			119		23		27		-2		180						1.27	-20
7460060	108.2		-0.01	-			94		26		57		-2		75						2.21	-20

6160021

PART 3

EL27/97 Temma, Strickland Prospect, DDH **T301**, Pickands Mather Int.1967

From(m)	To(m)	Description
0	61.6	Siltstone with 1-4mm thick, plane banding, cleavage defined by spaced black seams. Mostly pale and medium grey in colour. A little disseminated pyrite in places, common disseminated dark coloured mineral, spotting due to metamorphism or alteration in places. A few plane quartz veins up to 3mm thick, vuggy, some with pyrite. 26.7-29.0: unbanded, pale and medium grey, pyritic, fine grained sandstone dominant.
61.6	68.02	Black siltstone with sparse thin medium grey bands. Cut by lustrous shear surfaces, some with slickensides. 63.5: 2mm quartz vein parallel and in shear 64: 30mm with abundant pinkish grains of ?garnet. 64-66.8: very poor recovery, few pieces of pyrite (plus ?cp), piece of chlorite alteration cut by quartz vein with pyrite. 67.6: 30mm of quartz vein stockwork 67.76: 30mm of chlorite alteration with quartz-pyrite veining
68.02	68.73	Massive, even grained rock consisting of euhedral magnetite, honey coloured ?quartz and cream mineral. "Granitic"texture, 1-2mm grainsize.
68.73	80	Ditto with more magnetite. Trace to minor py and/or cp patchy throughout. Cream mineral is non-reactant carbonate= siderite. Assemblage is coarse grained in places. 77-78: includes cross-cutting vein of carbonate.
80	80.7	Mostly fine grained altered siltstone with minor mt and py in patches.
80.7	89.6	Magnetite rich rock continues. Trace to minor py and/or cp. 83.57, 84.1: 1-2mm, plane quartz veins with carbonate selvages. 85.7: veinlet of quartz, carbonate, mt and ?cp.
89.6	90	Very poor recovery of fine grained, olive and dark grey altered rock.
90	94	Similar rock.
94	102.1	Dark grey siltstone with 1-5mm plane bands. Cleaved. 101.8: 2mm thick dark green chloritic shear
102.1		End of hole at 335 feet

ASSAYS

Project: Temma **Prospect:** **Exploration Licence:** EL27/97 **Hole Number:** T301

	Units	ppm	ppm			ppm		ppm	%	ppm		ppm		ppm	ppm					%	ppm
	Detection Limit	0.01	0.01			4		5	0.001	4		2		1	100					0.01	20
	Method	F630	F630			A104		A104	A105	A104		A104		H104	A104					A104	A104
Sample Number	From	To	Au	Au(R1)	Au(R2)	Au(R3)	Cu	Cu(R1)	Pb	Pb(R1)	Zn	Zn(R1)	Ag	Ag(R1)	As	As(R1)	Sn	Pt	Pd	Ni	Fe	Bi
7460141	21.5	22	-0.01	-			5		5	-	66		-2		10	-100					4.6	-20
7460142	22	23	-0.01	-			6		-5	-	67		-2		11	-100					4.25	-20
7460143	23	24	-0.01	-			37		-5	-	79		-2		12	-100					4.4	-20
7460144	24	25	-0.01	-			6		5	-	73		-2		5	-100					2.7	-20
7460145	25	26	-0.01	-			6		-5	-	60		-2		30	-100					2.8	-20
7460146	26	27	-0.01	-			6		-5	-	56		-2		2	-100					3.2	-20
7460147	27	28	-0.01	-			7		-5	-	73		-2		1	-100					4.7	-20
7460148	28	29	-0.01	-0.01			144		11	-	126		-2		38	-100					7.05	-20
7460149	29	30	-0.01	-			147		8	-	77		-2		28	-100					4.55	-20
7460150	30	31	-0.01	-			23		-5	-	67		-2		20	-100					3.7	-20
7460151	31	32	-0.01	-			6		-5	-	55		-2		8	-100					3.7	-20
7460152	32	33	-0.01	-			10		-5	-	63		-2		22	-100					4	-20
7460153	33	34	-0.01	-			7		-5	-	75		-2		4	-100					5.15	-20
7460154	34	35	-0.01	-			13		-5	-	70		-2		7	-100					5.55	-20
7460155	35	36	-0.01	-0.01			7		-5	-	75		-2		9	-100					4.5	-20
7460156	36	37	-0.01	-			4		8	-	104		-2		13	-100					4.65	-20
7460157	37	38	-0.01	-			4		70	-	62		-2		17	-100					5.05	-20
7460158	38	39	-0.01	-			4		11	-	58		-2		17	-100					4.55	-20
7460159	39	40	-0.01	-			14		5	-	67		-2		28	-100					5.05	-20
7460160	40	41	-0.01	-			-4		17	-	72		-2		12	-100					5.3	-20
7460161	41	42	-0.01	-			18		-5	-	71		-2		7	-100					5.95	-20
7460162	42.0	43.0	-0.01	-			-4		-5		95		-2		-100	-1					4.35	-20
7460163	43.0	44.0	-0.01	-			-4		10		138		-2		-100	-1					4.05	-20

616023

		Units	ppm	ppm			ppm		ppm		ppm		ppm		ppm		ppm					%	ppm
		Detection Limit	0.01	0.01			4		5		4		2		100	1						0.01	20
		Method	F630	F630			A104		A104		A104		A104		A104	H104						A104	A104
Sample Number	From	To	Au	Au(R1)	Au(R2)	Au(R3)	Cu	Cu(R1)	Pb	Pb(R1)	Zn	Zn(R1)	Ag	Ag(R1)	As	As(R1)	Sn	Pt	Pd	Ni		Fe	Bi
7460164	44.0	45.0	-0.01	-			10		-5		111		-2		-100	10						5.5	-20
7460165	45.0	46.0	-0.01	-			-4		5		86		-2		-100	-1						4.7	-20
7460166	46.0	47.0	-0.01	-			-4		-5		84		-2		-100	-1						5.6	-20
7460167	47.0	48.0	-0.01	-			12		7		78		-2		-100	-1						4.9	-20
7460168	48.0	49.0	-0.01	-			9		-5		84		-2		-100	9						5	-20
7460169	49.0	50.0	-0.01	-0.01			10		5		66		-2		-100	-1						4.7	-20
7460170	50.0	51.0	-0.01	-			6		5		84		-2		-100	-1						4.65	-20
7460171	51.0	52.0	-0.01	-0.01			8		5		80		-2		-100	9						6.3	-20
7460172	52.0	53.0	-0.01	-			15		-5		76		-2		-100	2						5.55	-20
7460173	53.0	54.0	-0.01	-			-4		-5		89		-2		-100	1						5.6	-20
7460174	54.0	55.0	-0.01	-			6		5		67		-2		-100	34						6.4	-20
7460175	55.0	56.0	-0.01	-			-4		7		50		-2		-100	2						4.65	-20
7460176	56.0	57.0	-0.01	-			-4		7		45		-2		-100	8						4.65	-20
7460177	57.0	58.0	-0.01	-			-4		-5		54		-2		-100	12						5.05	-20
7460178	58.0	59.0	-0.01	-			-4		-5		65		-2		-100	7						5.85	-20
7460179	59.0	60.0	-0.01	-			-4		9		71		-2		-100	15						6.6	-20
7460180	60.0	61.0	-0.01	-			6		14		54		-2		-100	19						4.55	-20
7460181	61.0	63.0	-0.01	-			31		9		109		-2		-100	17						8.15	-20
7460182	63.0	64.0	-0.01	-			6		12		104		-2		-100	57						5.2	-20
7460183	64.0	67.0	-0.01	-			52		-5		246		-2		170	>100						19	-20
7460184	67.0	68.0	-0.01	-			12		7		139		-2		110	>100						6.25	-20
7460185	68.0	69.0	-0.01	-0.01			137		-5		95		-2		-100	17						42.2	-20
7460186	69.0	71.0	-0.01	-			68		-5		132		-2		-100	88						44.5	-20
7460187	71.0	73.0	-0.01	-			190		6		138		-2		290	>100						44.2	-20
7460188	73.0	74.0	-0.01	-			134		-5		83		-2		-100	92						38.2	-20
7460189	74.0	75.0	-0.01	-			93		-5		81		-2		-100	57						39.1	-20
7460190	75.0	77.0	-0.01	-			810		-5		90		-2		-100	4						40.5	-20
7460191	77.0	79.0	-0.01	-			271		-5		75		-2		-100	34						37.8	-20

616024

		Units	ppm	ppm			ppm		ppm		ppm		ppm		ppm		ppm					%	ppm
		Detection Limit	0.01	0.01			4		5		4		2		100		1					0.01	20
		Method	F630	F630			A104		A104		A104		A104		A104		H104					A104	A104
Sample Number	From	To	Au	Au(R1)	Au(R2)	Au(R3)	Cu	Cu(R1)	Pb	Pb(R1)	Zn	Zn(R1)	Ag	Ag(R1)	As		As(R1)	Sn	Pt	Pd	Ni	Fe	Bi
7460192	79.0	80.0	-0.01	-			375		-5		208		-2		-100		2					37.7	-20
7460193	80.0	81.0	-0.01	-0.01			530		-5		371		-2		-100		5					34.1	-20
7460194	81.0	83.0	-0.01	-			279		-5		155		-2		-100		4					42.9	-20
7460195	83.0	84.0	-0.01	-			93		-5		87		-2		-100		-1					41.9	-20
7460196	84.0	85.0	-0.01	-0.01			83		-5		99		-2		-100		-1					44.4	-20
7460197	85.0	86.0	-0.01	-			411		-5		79		-2		-100		2					41.1	-20
7460198	86.0	87.0	-0.01	-			433		-5		137		-2		-100		4					43.9	-20
7460199	87.0	88.0	-0.01	-			277		-5		115		-2		-100		1					41.9	-20
7460200	88.0	89.0	-0.01	-			306		-5		109		-2		-100		6					40	-20
7460201	89.0	90.0	-0.01	-			371		-5		123		-2		-100		1					39.7	-20
7460202	90.0	93.0	-0.01	-			109		-5		205		-2		-100		65					14.8	-20
7460203	93.0	94.0	-0.01	-			55		-5		176		-2		-100		9					10.8	-20
7460204	94.0	95.0	-0.01	-			6		11		133		-2		-100		94					4.05	-20
7460205	95.0	96.0	-0.01	-0.01			13		27		98		-2		-100		58					5.85	-20
7460206	96.0	97.0	-0.01	-			9		23		107		-2		-100		23					3.85	-20
7460207	97.0	98.0	-0.01	-			6		22		100		-2		-100		18					4.35	-20
7460208	98.0	99.0	-0.01	-			9		24		94		-2		-100		4					4.6	-20
7460209	99.0	100.0	-0.01	-			-4		29		65		-2		-100		14					4.5	-20
7460210	100.0	101.0	-0.01	-			14		14		45		-2		-100		27					4.6	-20
7460211	101.0	102.4	-0.01	-			6		8		44		-2		-100		9					4.75	-20

616025

PART 4

EL27/97 Temma, Strickland Prospect, DDH ***T302****, Pickands Mather Int. 1967*

From(m)	To(m)	Description
0	5	Completely broken, moderately weathered, limonitic to olive siltstone.
5	6.55	Patchy limonitic to olive weathering of dark grey siltstone with thin plane bands.
6.55	37.2	Thinly plane banded, dark grey siltstone with scattered medium grey bands 1-5mm thick. 8.53-8.67: Light buff sandstone bands. 15.8-20: Sparsely disseminated, mainly euhedral porphyroblasts 1-2mm across that are commonly six – sided but probably not hexagonal. 20.85-23.85: Scattered milky quartz veins, vuggy with minor pyrite.
37.2	45.6	Only a few fragments of core remaining, which include vuggy milky quartz, spongy py, soft black siltstone.
		Note: Pickands Mather reported 1dwt Au for the interval ?42.67m to ?45.03m. Core return for the interval was 0.46m of predominantly pyrite with limonite, quartz and magnetite.
45.6	47.09	Only a little core left. Consists of plane banded dark grey siltstone.
47.09	53	Plane banded dark grey siltstone
53	61	Plane banded, medium and darker grey siltstone.
61	72.5	Pale grey siltstone with common plane bands of medium to dark grey siltstone that are 1-10mm thick.
72.5		End of hole at 237 feet 9 inches

ASSAYS

Project: Temma **Prospect:** **Exploration Licence:** EL27/97 **Hole Number:** T302

		Units	ppm	ppm			ppm		ppm		ppm		ppm		ppm	ppm					%	ppm
		Detection Limit	0.01	0.01			4		5		4		2		100	1					0.01	20
		Method	F630	F630			A104		A104		A104		A104		A104	H104					A104	A104
Sample Number	From	To	Au	Au(R1)	Au(R2)	Au(R3)	Cu	Cu(R1)	Pb	Pb(R1)	Zn	Zn(R1)	Ag	Ag(R1)	As	As(R1)	Sn	Pt	Pd	Ni	Fe	Bi
7460212	0	3.7	-0.01	-			22		14		404		-2		-100	8					5.45	-20
7460213	3.7	5.0	-0.01	-			19		20		258		-2		-100	14					5.2	-20
7460214	5.0	6.0	-0.01	-			48		28		130		-2		-100	7					7.4	-20
7460215	6.0	7.0	-0.01	-			15		22		78		-2		-100	11					4.25	-20
7460216	7.0	8.0	-0.01	-			20		20		78		-2		-100	8					5.85	-20
7460217	8.0	9.14	-0.01	-			13		56		64		-2		-100	7					4.05	-20
7460218	9.14	10.0	-0.01	-			49		22		97		-2		-100	8					6.9	-20
7460219	10.0	11.0	-0.01	-			20		18		109		-2		-100	3					4.1	-20
7460220	11.0	12.0	-0.01	-			9		20		109		-2		-100	20					4.9	-20
7460221	12.0	13.0	-0.01	-0.01			12		24		99		-2		-100	16					4.2	-20
7460222	13.0	14.0	-0.01	-			57		16		101		-2		-100	9					5.6	-20
7460223	14.0	15.0	-0.01	-0.01			12		14		111		-2		-100	14					7.05	-20
7460224	15.0	16.0	-0.01	-			-4		15		94		-2		-100	65					4.9	-20
7460225	16.0	17.0	-0.01	-			4		20		93		-2		-100	36					4.1	-20
7460226	17.0	18.0	-0.01	-			-4		14		77		-2		-100	3					4.3	-20
7460227	18.0	19.0	-0.01	-			-4		12		65		-2		-100	5					3.7	-20
7460228	19.0	20.0	-0.01	-			-4		11		65		-2		-100	15					4.3	-20
7460229	20.0	21.0	-0.01	-			477		9		71		-2		-100	6					5.2	-20
7460230	21.0	23.0	-0.01	-			997		-5		68		-2		-100	54					5.55	-20
7460231	23.0	24.0	-0.01	-			13		-5		52		-2		-100	25					4.8	-20
7460232	24.0	25.0	-0.01	-			10		-5		33		-2		-100	17					4.55	-20
7460233	25.0	26.0	-0.01	-			10		9		40		-2		-100	8					5.15	-20
7460234	26.0	27.0	-0.01	-			8		10		40		-2		-100	40					4	-20

616027

		Units	ppm	ppm			ppm		ppm		ppm		ppm		ppm		ppm					%	ppm
		Detection Limit	0.01	0.01			4		5		4		2		100	1						0.01	20
		Method	F630	F630			A104		A104		A104		A104		A104	H104						A104	A104
Sample Number	From	To	Au	Au(R1)	Au(R2)	Au(R3)	Cu	Cu(R1)	Pb	Pb(R1)	Zn	Zn(R1)	Ag	Ag(R1)	As	As(R1)	Sn	Pt	Pd	Ni		Fe	Bi
7460235	27.0	28.0	-0.01	-			11		7		33		-2		-100	16						4.6	-20
7460236	28.0	29.0	-0.01	-			13		5		36		-2		-100	27						5.05	-20
7460237	29.0	30.0	-0.01	-			12		5		47		-2		-100	13						5.15	-20
7460238	30.0	31.0	-0.01	-			10		-5		51		-2		-100	3						4.45	-20
7460239	31.0	32.0	-0.01	-			12		6		48		-2		-100	10						5	-20
7460240	32.0	33.0	-0.01	-			13		-5		87		-2		-100	22						4.85	-20
7460241	33.0	34.0	-0.01	-			5		-5		45		-2		-100	21						4.7	-20
7460242	34.0	35.0	-0.01	-			6		6		62		-2		-100	74						5.45	-20
7460243	35.0	36.0	-0.01	-			21		13		66		-2		320	>100						4.7	-20
7460244	36.0	36.6	-0.01	-			13		23		103		-2		-100	82						6.5	-20
7460245	36.6	38.8	-0.01	-			74		24		98		-2		460	>100						4.8	-20
7460246	38.8	45.6	-0.01	-0.01			2150		270		237		-2		940	>100						26.7	-20
7460247	45.6	46.42	-0.01	-			149		42		365		-2		390	>100						9.75	-20
7460248	46.42	47.09	-0.01	-			25		43		252		-2		-100	46						5.3	-20
7460249	47.09	48.0	-0.01	-			10		17		129		-2		-100	28						4.95	-20
7460250	48.0	49.0	-0.01	-0.01			8		24		82		-2		-100	40						4.65	-20
7460251	49.0	50.0	-0.01	-			9		8		101		-2		-100	39						5.05	-20
7460252	50.0	51.0	-0.01	-			15		26		100		-2		-100	17						5.25	-20
7460253	51.0	52.0	-0.01	-			8		11		64		-2		-100	13						4.55	-20
7460254	52.0	53.0	-0.01	-			7		9		88		-2		-100	20						4.9	-20
7460255	53.0	54.0	-0.01	-			8		7		90		-2		-100	1						5.65	-20
7460256	54.0	55.0	-0.01	-			19		18		101		-2		-100	27						5.35	-20
7460257	55.0	56.08	-0.01	-			-4		-5		78		-2		-100	39						4.5	-20
7460258	56.08	57.0	-0.01	-			6		6		151		-2		-100	33						5.05	-20
7460259	57.0	58.0	-0.01	-			14		22		179		-2		-100	25						4.95	-20
7460260	58.0	59.0	-0.01	-			15		8		114		-2		-100	1						4.75	-20
7460261	59.0	60.0	-0.01	-			6		-5		112		-2		-100	31						4.35	-20
7460262	60.0	61.0	-0.01	-			209		5		126		-2		-100	2						5.85	-20

616023

		Units	ppm	ppm			ppm		ppm		ppm		ppm		ppm	ppm					%	ppm
		Detection Limit	0.01	0.01			4		5		4		2		100	1					0.01	20
		Method	F630	F630			A104		A104		A104		A104		A104	H104					A104	A104
Sample Number	**From**	**To**	**Au**	**Au(R1)**	**Au(R2)**	**Au(R3)**	**Cu**	**Cu(R1)**	**Pb**	**Pb(R1)**	**Zn**	**Zn(R1)**	**Ag**	**Ag(R1)**	**As**	**As(R1)**	**Sn**	**Pt**	**Pd**	**Ni**	**Fe**	**Bi**
7460263	61.0	62.0	-0.01	-			5		-5		91		-2		-100	7					4.25	-20
7460264	62.0	63.0	-0.01	-			12		-5		90		-2		-100	2					4.6	-20
7460265	63.0	64.0	-0.01	-			4		-5		71		-2		-100	31					3.75	-20
7460266	64.0	65.0	-0.01	-			-4		6		59		-2		-100	24					3.4	-20
7460267	65.0	66.0	-0.01	-			7		-5		67		-2		-100	13					3.95	-20
7460268	66.0	67.0	-0.01	-			6		-5		91		-2		-100	6					4.65	-20
7460269	67.0	68.0	-0.01	-			8		7		94		-2		-100	5					5.55	-20
7460270	68.0	69.0	-0.01	-			18		55		175		-2		-100	19					4.7	-20
7460271	69.0	70.0	-0.01	-			6		-5		103		-2		-100	1					5.4	-20
7460272	70.0	71.0	-0.01	-0.01			-4		5		108		-2		-100	4					5.3	-20
7460273	71.0	72.0	-0.01	-0.01			4		-5		91		-2		-100	7					4.7	-20
7460274	72.0	72.5	-0.01	-			-4		-5		120		-2		-100	1					4.5	-20

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