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PACIFIC NEVADA PTY LTD

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EL24/97 DETENTION RIVER

**REPORT ON EXPLORATION
ACTIVITY**

22-05-98 TO 22-05-99

Volume 1 of 1

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Distribution: Pacific-Nevada Mining Pty Ltd -Perth
-Hobart
Tasmania Development and Resources

ABSTRACT

Exploration by Pacific-Nevada Mining Pty Ltd was carried out over Exploration License 24/97 Detention River in search for Proterozoic Cu and Au mineral deposits. During the first year of tenure, Pacific-Nevada conducted a regional reconnaissance program involving stream sediment (-80#, BCL and panned concentrate) and rock chip sampling. Analytes were Au, Cu, Pb, Zn, Co, Ni, Ag, As, Sn, W, Fe and Mn. Analysis results for stream sediment and rock chip samples taken in EL24/97 were of a low order. No prospective areas for economic gold or copper mineralisation were identified. No further work is warranted.

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1.0 Introduction

This report summarises progress made in mineral Exploration License 24/97, Detention River, during regional exploration conducted during the period 20/7/98 to 7/10/98. EL24/97 was explored in conjunction with EL 26/97 (Neasy Creek), to the south. These two licenses are contiguous, EL26/97 extending south to the Rapid River.

1.1 LOCATION AND ACCESS

EL24/97 is located in northwestern Tasmania, covering 218km² between Hellyer Beach and Detention Peak (Figure 1). Access in EL24/97 is reasonable though many of the tracks shown on maps of the area are overgrown or otherwise impassable to normal 4WD vehicles.

1.2 TENURE AND LAND USAGE

Near the coast much of the country EL24/97 is freehold farmland. Inland areas are thickly forested and are mainly classified as State Forest or Crown Land.

2.0 Exploration Concepts

EL24/97 is one of numerous exploration licenses held by Pacific-Nevada Mining in northwest Tasmania, which are being collectively explored for the following potential ore deposit types:

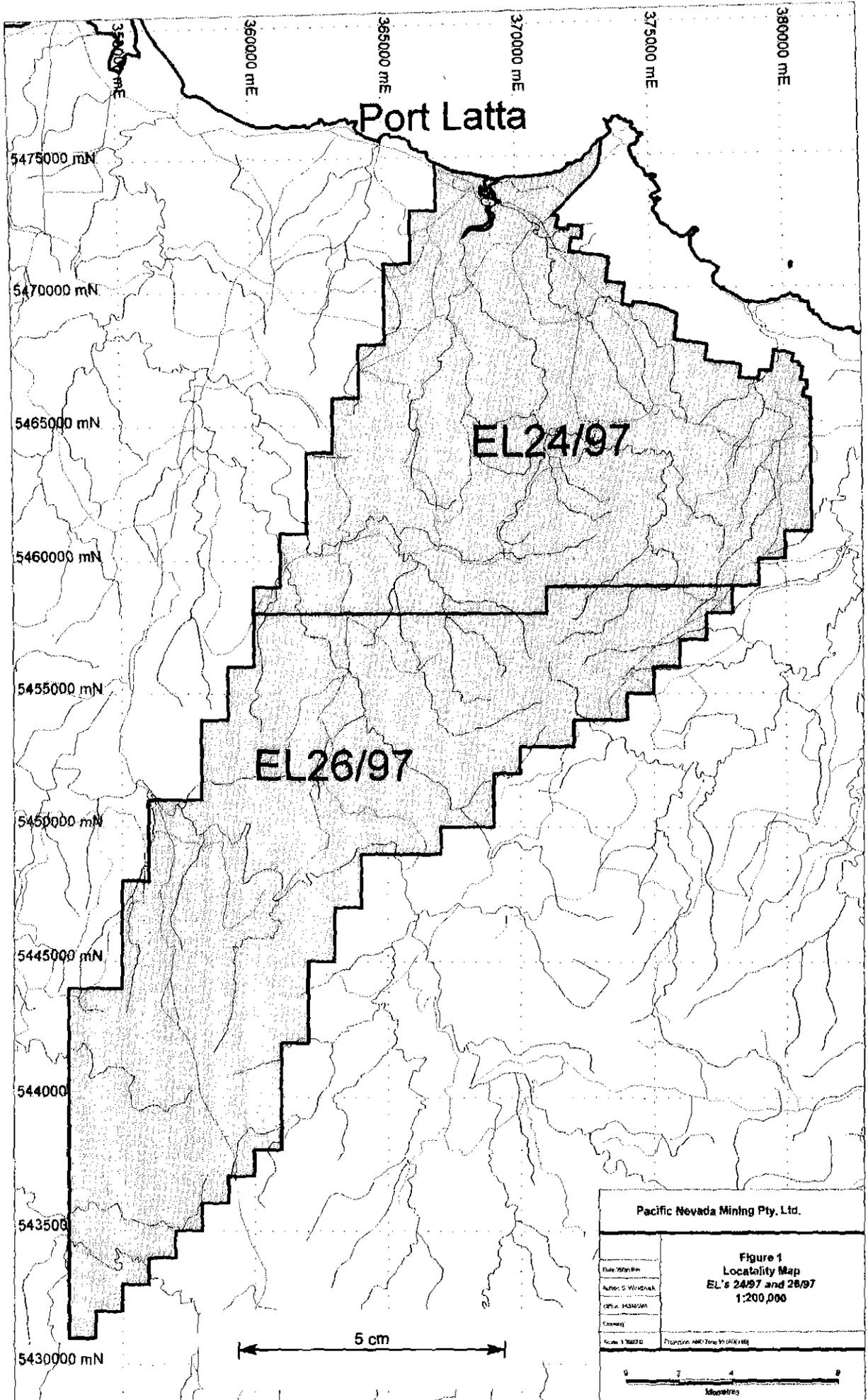
- Proterozoic iron-formation Au (Homestake model)
- Proterozoic iron-formation Cu-Au pipes (Selwyn/Starra)
- Proterozoic sediment-hosted Cu (eg. Kuperschieffer/White Pine)

Within the EL's 24/97 and 26/96, Pacific-Nevada Mining identified a series of structural target areas and a target of possible buried granite (four target areas in total, Figure 2). Only one such target area, "Target Area 2", is located within EL24/97.

3.0 Previous Work

Parts of EL24/97 have been the subject of previous reconnaissance exploration programs. Much of the area would have been stream sediment sampled by Pickands Mather (Anon, 1966) but results of this old work have not been located. Stream sediment sampling by BHP (Anon, 1983) extended east in EL24/97 to near 370000E and south to 5460000N. Geopeko carried out water sampling for gold throughout part of EL24/97 (Virgoe and Mathison, 1990).

BHP's program targeted Sn-W though gold, diamonds, Pb-Zn and copper were also considered. Granitic veins carrying cassiterite and wolframite had been reported previously on Hilder Road (Longman and Mathews, 1961), a few kilometers to the east. BHP carried out regional stream sediment sampling and found that the Arthur River is strongly anomalous in tin, thought to be derived from Mt Biscoff. Metal values in locally sourced streams were considered to be uninteresting.



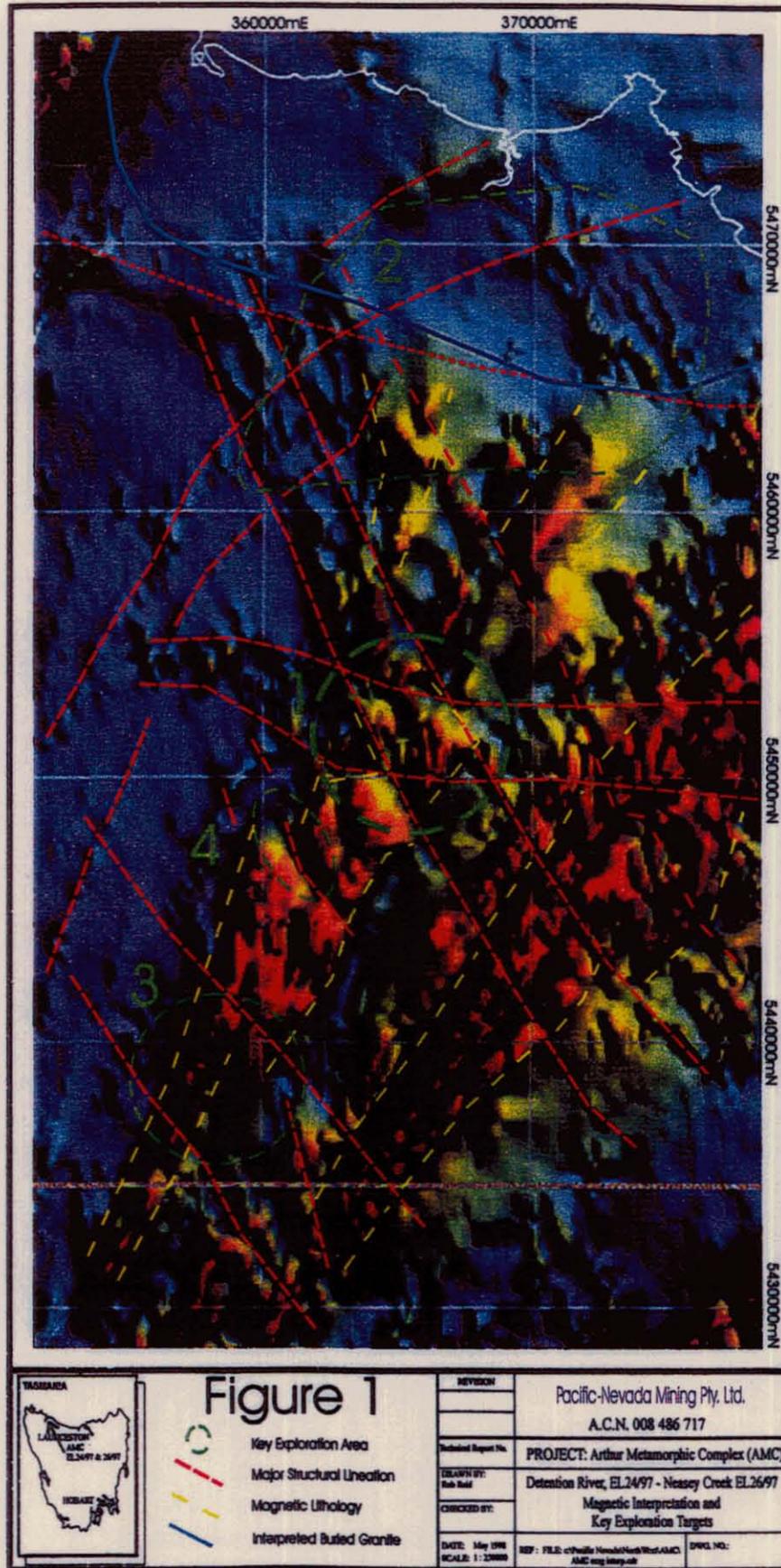


Figure 2: Magnetic interpretation and key exploration targets.
Scale 1: 250 000.

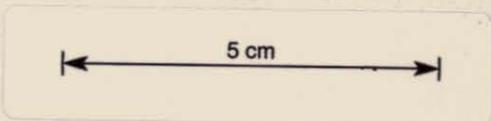
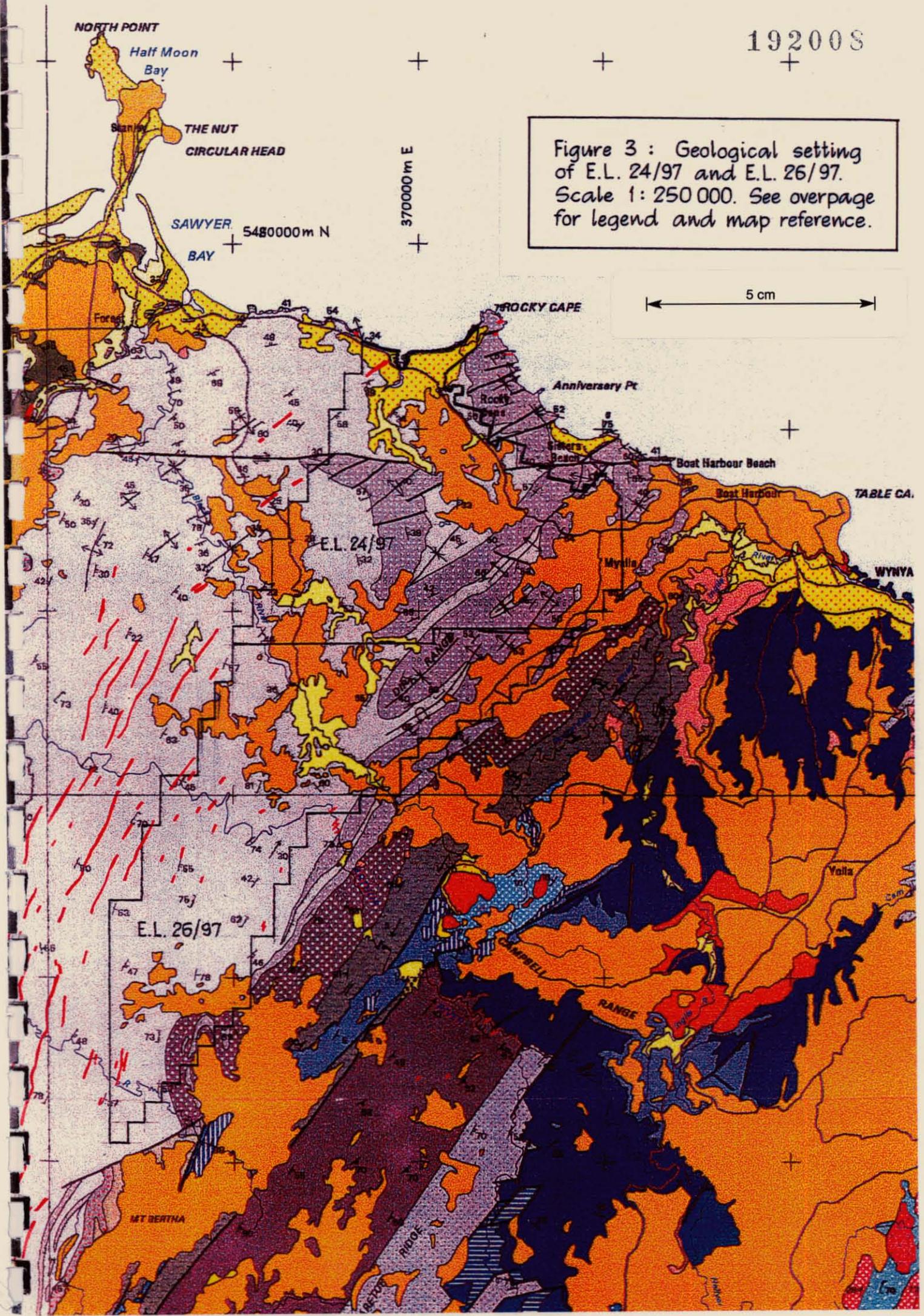


Figure 3 : Geological setting of E.L. 24/97 and E.L. 26/97. Scale 1: 250 000. See overpage for legend and map reference.



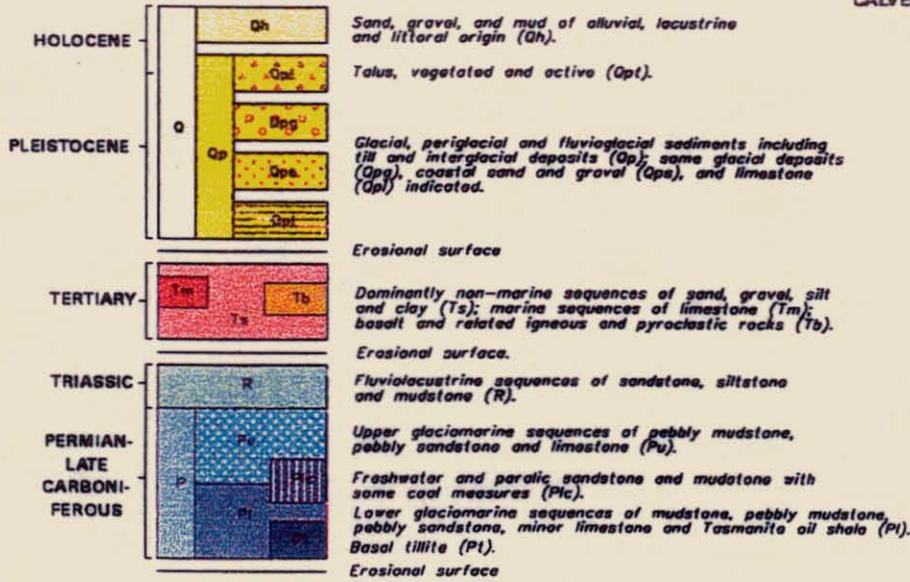
192009

CAINOZOIC

MESOZOIC

PALAEZOIC

PROTEROZOIC



UPPER SUPERGROUP
 LOWER SUPERGROUP

LATE MIDDLE DEVONIAN

EARLY DEVONIAN-SILURIAN

ORDOVICIAN

LATE CAMBRIAN

MIDDLE CAMBRIAN

EARLY CAMBRIAN

NEOPROTEROZOIC

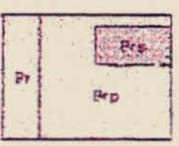
SMITHTON - ROCKY CAPE REGION



Middle to Late Cambrian marine conglomerate, lithicwacke and siltstone. (Cm).

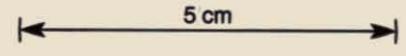
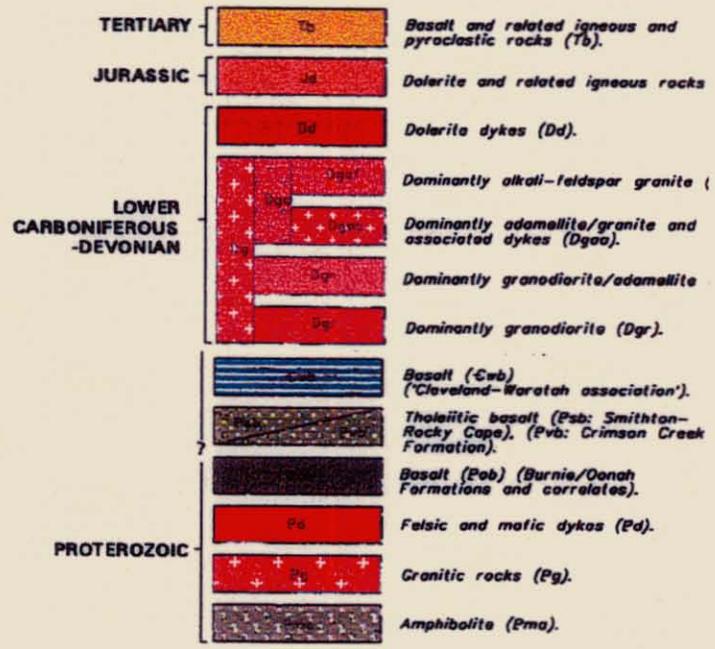


Shallow marine dolomite and minor limestone (Psd: Smithton Dolomite).
 Turbiditic volcanoclastic - mafic volcanic rocks and minor diamicite (Psv) with some tholeiitic basalt indicated (Psb).
 Shallow marine dolomite, chert, shale and diamicite (Pss); basal siliceous conglomerate and sandstone (Psc).
 (Ps: Tagari Group, Ahrberg Group and correlatives).

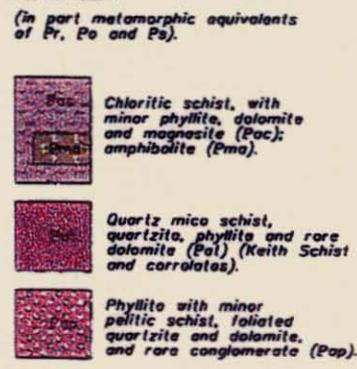


Successions of mudstone, siltstone and minor carbonate (Prp) and orthoquartzite (Prs).
 (Pr: Rocky Cape Group).

IGNEOUS ROCKS



ARTHUR METAMORPHIC COMPLEX



Geopeko's water sampling program was dogged by uncertainty as to the validity of analytical results. This was a major factor causing the program to be abandoned. Initial results for a number of areas were encouraging but could not be substantiated by resampling. These areas included Exploration Creek in EL24/97.

4.0 Regional Geology

The Proterozoic rocks in EL24/97 are assigned to the Rocky Cape Group. The lowest formation in this group, called the Cowrie Siltstone, occupies much of the western part of the EL. The Cowrie Siltstone comprises siltstone with subordinate quartzose sandstone and mudstone.

The Detention Subgroup of mainly orthoquartzite overlies the Cowrie Siltstone. A series of anticlines and synclines in this subgroup occupy much of the central and eastern parts of EL24/97. The overlying formation (Irby Siltstone) forms the core of synclines in the central and south eastern parts of the EL. The Irby Siltstone consists of siltstone, mudstone and subordinate dolomite.

Overlying the Irby Siltstone is orthoquartzite of the Jacob Quartzite, the uppermost unit in the Rocky Cape Group. The Jacob Quartzite runs along the south eastern edge of the exploration licenses.

There are numerous hypabyssal dykes in the Rocky Cape Group. They range from mostly basic compositions to subordinate intermediate compositions. Some varieties display strong alteration.

Deformation becomes progressively stronger across the EL, from north west to south east. Folds in the Detention Subgroup change from open in the central part of EL24/97 to tight and overturned to the east along the south eastern edge of EL24/97 and the adjoining EL26/97. Steep thrust faults with a similar sense of west-over-east movement are present. The fabric of pelitic rocks changes from moderately cleaved or slaty in the north west to slaty or phyllitic in the south east.

Although the intensity of deformation and metamorphism increases progressively across the EL, the nominal boundary of the Arthur Metamorphic Complex is just outside the license. It corresponds to the eastern boundary of the Jacob Quartzite, which is interpreted as a thrust fault (Everard et al, 1996). The presence of conglomerate in places along the boundary suggests that it is also a structurally modified stratigraphic boundary.

5.0 Exploration Carried Out by Pacific-Nevada

Pacific-Nevada Mining Pty Ltd conducted regional scale exploration over EL24/97. This work was carried out by contract geologist Nic Turner and his field crew. A total of 95 stream sites were sampled in Area 2 (Plan 1). A panned concentrate and - 80 mesh sample were collected at all but a few of the sites. BCL samples were collected in low gradient tracts of larger streams and at downstream sites in most drainages.

Stream sediment sample types and analytical methods are detailed in Appendix 3 where AMG coordinates and analytical results are also given. Microscope descriptions of representative panned concentrates are presented in Appendix 1.

Geology was recorded at most sample sites and a limited amount of mapping was done elsewhere. A total of 42 rock chips were collected for analysis. Hand specimen descriptions along with analytical methods and results are given in Appendix 2.

6.0 Discussion of Results

6.1 PROSPECT GEOLOGY

Target Area 2 situated in EL24/97 is covered by the 1:50,000 scale Geological Survey maps titled Table Cape, Smithton and Trowutta. These maps are the geological references for the stream sediment survey.

Observations made during the survey are generally consistent with the published geological maps. An exception is found on the Newhaven Track, where the Irby Siltstone was found to be predominantly siltstone (c.f. Smithton map) with subordinate mudstone and an interval of siliceous sandstone at 372400E/546400N.

6.2 SAMPLE RESULTS

Table 1 summarises the highest analytical results returned from all sample types in EL24/97 except panned concentrates which all returned analysis results below detection limit. The values are plotted in Plan 1.

Table 1. Summary of highest analytical results for BCL, -80# and Rock Chip sample taken in EL24/97.

Sample	Au µg	Au ppb	Cu ppm	Pb ppm	Zn ppm	Co ppm	Ni ppm	Ag ppm	As ppm	Sn ppm	W ppm	Fe %	Mn ppm
BCL		≥3	≥10	≥10	≥10			≥1					
22015		3.82											
22066		5.73											
22070		8.60											
22071		6.15											
22072					11.90								
22073		5.28											
-80#		≥3	≥50	≥20	≥100	≥50	≥50		≥50	≥20	≥10		
32002				29								0.85	30
32015				21								0.93	47
32021				38	207							0.50	39
32023				26	111							3.31	673
32023A				27								0.35	19
32036		3										0.25	19
32094		4										1.59	189
32095		3										1.58	196
32137				120								2.99	691
Rock Chip		≥3	≥50	≥30	≥150	≥50	≥50	≥1	≥50				
42007		4										1.6	95
42014			72				100					6.97	22
42016					296	49	59					34.1	3060
42020			54	79				1.7				10.4	89
42021			49									3.63	61
42022			64									2.64	105
42023			86	30				1				0.665	40
42024		6										4.18	66
42025								3.5				1.05	38

There are a few scattered elevated gold values in BCL and -80# samples along the length of Hook Creek (up to 8.60ppb in BCL and 4ppb in -80#). Most sample sites are in Cowrie Siltstone but the source of the gold values is unknown.

In the eastern part of Area 2 elevated lead and zinc values in -80# samples may be related to Tertiary basalt though on lead-only site (32023A) is in drainage derived from the Detention Subgroup. Copper and nickel in a weathered dolerite (42014) in the same general area are consistent with the rock-type. A secondary limonite-goethite rock (42016) returned elevated zinc, cobalt and nickel.

In a quarry off Etchells Road, near its junction with the Mawbanna Road, there is a shear zone with associated alteration in Cowrie Siltstone. The alteration includes a small silicified lens with disseminated pyrite (42022 - Appendix 2) and weathered, clay-rich material (42021, 42024). There are patches of stockwork quartz veins with cellular limonite (42020). One of the altered rocks returned 6ppb Au. Elevated copper, lead and silver are present in other rocks. However, it seems unlikely that the shear zone is indicative of the possible presence of more substantial mineralised structures.

7.0 Conclusions and Recommendations

Low order gold and base metal values were generally returned from panned concentrate, BCL, -80# and rock chip samples collected in EL24/97. No further work is warranted.

8.0 Environmental Matters

No work requiring environmental rehabilitation has been undertaken.

9.0 Expenditure

Expenditures	Total to-date
Geology	45,889.83
Geochem	7,187.65
Geophysics - air	666.95
Geophysics - ground	-
Feasibility Studies	-
Rehabilitation	-
Drilling	-
Gridding	-
Admin	5,971.60
Other	-
Total	59,716.04

10.0 References

Anon. 1966. Interim report for the northwest Tasmania Exploration Project. Pickands Mather and co. International. MRT open file report 66-439.

Anon. 1980. Exploration License 18/80 Arthur River, Tasmania. BHP Exploration Department. MRT Open File Report 83-2001.

Everard, J.L.; Seymour, D.B; Bown, A.V. 1996. Geological Atlas 1:50,000 series. Sheet 7915N Trowutta. Tasmanian Geological Survey.

Virgoe, K; Mathison, I. 1990a. EL43/89 Holder Rivulet. Report on exploration activity Jan 1990-Nov 1990. Geopeko. MRT Open File Report 91-3215.

Virgoe, K; Mathison, I. 1990b. EL44/89 Wedge Plains. Report on exploration activity Jan 1990-Nov 1990. Geopeko. MRT Open File Report 91-3220.

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EL24/97

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APPENDIX 1

**MICROSCOPIC EXAMINATION OF GOLD PARTICLES IN PANNED
CONCENTRATE SAMPLES FROM EL24/97 AND EL26/97, NORTH
WESTERN TASMANIA.**

by

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August, September 1998

192015

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Nic Turner (fax 62 369599)

FROM: Hugh Nolan
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AUSTRALIA

Telephone (03) 6265 8291
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Corinna (03) 6446 1433

REF: EXAMINATION OF PANNED CONCENTRATE SAMPLES

DATE: 15.8.98, 20.9.98

Examination of panned concentrate field samples was undertaken for the purpose of identifying gold particles having physical characteristics consistent with being of local primary derivation.

Examination was undertaken using an Olympus 10-40x zoom stereo microscope.

SAMPLE DESCRIPTIONS TAKE THE FOLLOWING FORMAT:

Brief description of dominant and/or anomalous mineral, considered to be of local derivation, observed in the panned concentrate.

Total number of gold particles observed.

A dissection of the total gold particle count according to degree of travel damage, being classed as; NIL MINOR MODERATE MAJOR.

Thirty six samples were examined.

Numbered:

12011	12013	12015	12016	12017	12018	12020
12021	12022	12023	12026	12027	12031	12036
12040						
12112	12114	12117	12125	12129	12131	12135
12136	12140	12145	12146	12148	12152	12155
12156	12161	12162	12168	12172	12183	12185

The heavy mineral concentrate (HMC) host material for all samples 12011-12040 consisted of rounded and angular, white to tan coloured sand and micaceous quartzite granules.

**SAMPLE
NUMBER****12011**

NO GOLD OBSERVED

No heavy mineral concentrate.

Several brass like shavings and abundant white steel like shavings which are attracted by the magnet. Suspect sample tool contamination.

12013

NO GOLD OBSERVED

Minor HMC. Several granules of weathered ironstone. Trace of fine rutile and chromite.

(abundant white steel shavings)

12015

NO GOLD OBSERVED

Very minor HMC. Trace very fine rutile.

(abundant white steel shavings)

12016

NO GOLD OBSERVED

Very minor HMC. Trace fine rutile and chromite.

(abundant white steel shavings)

12017

NO GOLD OBSERVED

As per sample 12016.

12018

NO GOLD OBSERVED

Minor HMC dominated by black sub-metallic granular particles too fine to distinguish. Chromite or ilmenite ?.

(abundant white steel shavings)

12020

NO GOLD OBSERVED

Very minor HMC. Two grains of pyrite.
(several brass like and abundant white steel shavings)

12021

NO GOLD OBSERVED

No HMC.
(several brass like and abundant white steel shavings)

12022

NO GOLD OBSERVED

No HMC.
(abundant steel white shavings)

12023

NO GOLD OBSERVED

Very minor HMC of iron pyrite.
(significant quantity of white steel shavings)

12026

NO GOLD OBSERVED

HMC of very fine granular hematite/ilmenite ?.
(significant quantity of white steel shavings)

12027

NO GOLD OBSERVED

Very minor HMC. Minor fine granular hematite/ilmenite ?.
(significant quantity white steel shavings)

12031

NO GOLD OBSERVED

No HMC.
(minor white steel shavings)

12036

NO GOLD OBSERVED

Very minor HMC of fine granular hematite/ilmenite ?.
(minor white steel shavings)

12040

NO GOLD OBSERVED

No HMC.
(moderate white steel shavings)

The heavy mineral concentrate (HMC) separated from all samples 12112-12185 contained white steel like shavings which respond to the magnet. Suspect sample tool contamination.

12114

NO GOLD OBSERVED

Very minor HMC dominated by fine epidote. Trace rutile and hematite.

12117

NO GOLD OBSERVED

Very minor HMC. Trace epidote.

12125

NO GOLD OBSERVED

Very minor HMC. Trace epidote and hematite.

12129

NO GOLD OBSERVED

No HMC.
(white micaceous quartz sand only)

12131

NO GOLD OBSERVED

No HMC.
(white micaceous quartz sand only)

192019

12135

NO GOLD OBSERVED

Minor HMC. Moderate hematite. Minor ilmenite. Trace pyrite and rutile.

12136

NO GOLD OBSERVED

Minor HMC. Moderate ilmenite. Trace rutile.

192030

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APPENDIX 2

- A ROCK CHIP SAMPLE NUMBERS AND DESCRIPTIONS.
- B ROCK CHIP SAMPLE NUMBERS, AMG CO-ORDINATES AND ANALYTICAL DATA.

Laboratory Methods - Analabs

Dry, jaw crush, pulverize (S033); Au by 50gm fire assay (F614); total acid digest (G104) with Cu Pb Zn Co Ni Mn As Ag Fe by ICP-OES (I104).

A. Rock chip descriptions

192021

Number	Description
42001	Siltstone, weathered, orange.
42002	Thinly banded, dark grey siltstone with very thin pyritic bands.
42003	Siltstone.
42004	Coarse grained, cream, leached quartzite.
42005	White to cream quartzite.
42006	Dark grey, relatively massive siltstone.
42007	Grey siltstone.
42008	Cream quartzite.
42010	Pale quartzite.
42011	Shale.
42012	Milky quartz vein.
42013	Dark grey silty shale with thin sandy layers.
42014	Buff, weathered, even grained, massive dolerite.
42015	Milky quartz vein with leached cavities.
42016	Limonite-goethite ironstone (?Cainozoic).
42017	Milky quartz vein.
42020	Stockwork quartz veins containing cellular limonite.
42021	Soft, pale rock (?altered) containing quartz veins with drusy cavities.
42022	Granular quartz (?siliceous alteration) with 1-5% disseminated pyrite.
42023	Sheared siltstone and minor black mudstone.
42024	Soft pale rock (?alteration).
42025	Weathered siltstone with quartz vein.
42027	Grey and cream, medium grained, cleaved sandstone.
42028	Same sandstone with pyrite on fractures.
42029	Flaggy quartz sandstone.
42030	White, medium grained sandstone.
42031	Fine grained micaceous sandstone.
42032	Micaceous quartzite with thin carbonaceous laminae.
42033	Dark grey siltstone with disseminated cubic pyrite.
42034	Pale, coarse grained massive quartzite.
42035	Pale, silicified quartzite with milky quartz veins.
42036	Dark grey, cleaved siltstone.
42037	Dark grey, silty mudstone-sheared.
42038	Milky quartz vein with leached cavities.
42039	Pale silicified quartzite.
42040	Grey, green and cream phyllitic siltstone.
42041	Pale silicified quartzite.
42042	Medium grey silicified quartzite with milky quartz vein.

B Rock Chip locations and analyses.													
Sample Number	Easting	Northing	Au	Au(R)	Cu	Pb	Zn	Ag	As	Fe	Ni	Co	Mn
			Units	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
			DL	1	1	5	10	5	5	10	100	10	5
42001	364475	5462275	2	2	45	20	65	0.7	32	141000	10	<5	295
42002	364550	5462450	2	1	17	13	9	<0.5	7	17900	<10	<5	93
42003	364585	5462700	1	<1	23	39	33	<0.5	5	23100	14	5	254
42004	371015	5665900*	<1	-	23	<10	14	<0.5	9	9850	13	<5	146
42005	370900	5466010	<1	-	8	<10	7	<0.5	7	16500	<10	<5	150
42006	370500	5466510	<1	-	10	<10	<5	<0.5	<5	6400	10	<5	96
42007	370500	5466510	3	5	8	11	12	<0.5	8	16000	<10	<5	95
42008	370500	5466510	<1	-	<5	<10	6	0.7	<5	4350	<10	<5	146
42010	369875	5461675	<1	-	14	<10	<5	<0.5	15	7450	<10	<5	102
42011	369875	5461675	<1	-	8	<10	20	<0.5	9	13500	<10	<5	102
42012	369875	5461675	<1	-	7	<10	<5	<0.5	<5	11900	<10	<5	150
42013	370125	5462150	<1	-	5	<10	15	<0.5	5	12300	<10	<5	21
42014	371550	5463300	<1	-	72	15	36	<0.5	15	69700	100	<5	22
42015	372000	5463350	<1	-	10	<10	6	0.6	<5	10300	16	<5	224
42016	372300	5463750	<1	<1	27	22	296	0.8	47	341000	59	49	3060
42017	372375	5463950	<1	-	25	<10	7	0.5	11	9700	14	<5	251
42020	362875	5463075	<1	-	54	79	24	1.7	17	104000	<10	<5	88
42021	362875	5463075	<1	-	49	16	<5	0.9	14	36300	20	<5	61
42022	362875	5463075	<1	-	64	<10	10	0.6	10	26400	29	8	105
42023	362875	5463075	<1	-	86	30	7	1	10	6650	<10	<5	40
42024	362875	5463075	6	6	39	19	9	0.7	42	41800	<10	<5	66
42025	362875	5463075	<1	<1	6	12	<5	3.5	<5	10500	10	<5	38
42027	366310	5465900	<1	<1	<5	<10	29	<0.5	9	17800	<10	<5	174
42028	366310	5465900	<1	-	23	<10	13	<0.5	<5	15100	12	9	75
42029	366310	5466360	<1	-	14	12	28	0.7	6	35000	17	<5	209
42030	366740	5466640	<1	-	7	<10	5	<0.5	10	6050	<10	<5	129
42031	366740	5466640	<1	-	<5	<10	32	<0.5	7	19900	<10	<5	138
42032	366610	5466650	<1	<1	<5	<10	8	<0.5	18	26400	11	<5	139
42033	366025	5466500	<1	-	42	<10	16	<0.5	12	29600	19	8	185
42034	365495	5468610	<1	<1	7	<10	<5	<0.5	11	6350	<10	<5	120
42035	373275	6464120	<1	-	9	<10	<5	<0.5	10	4700	<10	<5	68
42036	370210	5462300	<1	-	12	18	24	<0.5	<5	32100	11	<5	148
42037	370175	5462390	<1	<1	8	<10	8	<0.5	11	13400	<10	<5	31
42038	374310	5464210	<1	<1	13	13	7	0.8	12	6650	18	<5	231
42039	373700	5463595	<1	<1	8	<10	<5	0.5	7	6100	<10	<5	200
42040	374300	5464000	<1	-	8	<10	17	<0.5	<5	16200	13	<5	129
42041	369400	5468510	1	<1	15	<10	5	<0.5	7	6350	<10	<5	131
42042	373535	5463385	<1	<1	9	11	14	<0.5	<5	5400	<10	<5	110

5465900*

Pacific-Nevada Mining Pty Ltd

192023

EL24/97

Annual Report 1998/1999

APPENDIX 3

STREAM SEDIMENT SAMPLE NUMBERS, AMG CO-ORDINATES,
ANALYTICAL RESULTS**Sample Types**

Panned concentrate and BCL samples were collected from the bed of the stream using a bait pump. This method introduced the brass and steel contamination noted in Appendix 1. Brass parts of the pump were replaced with stainless steel during the program.

Each pan. con. was derived from 2 level, 350mm circumference pans of -4.8mm material. BCL samples of about 2kg were representative of the overall interval penetrated by the bait pump, sieved to -4.8mm. Minus 80 mesh samples of about 1kg included material collected by the bait pump together with fines deposited in stream bed. Insufficient amounts of -80# product proved to be a common problem.

Laboratory Methods - Analabs

- A Panned concentrate samples
Dry (S002), 50gm fire assay with gravimetric analysis (F653).
- B -80# samples
32000-32195: Dry (S002, sieve (S004), pulverise (S020).
32000-32195: 50gm fire assay with AAS analysis (F614).
32000-32112, 32145-32195: triple acid digest (G102) with Cu, Pb, Zn, Co, Ni, Mn by AAS (A102); Fe by AAS (A102 or A103); As by hydride AAS (H102) for 32000-32085 and AAS (A102) for 32086-32112, 32145-32195.
32113-32144: Total acid digest (G104) with Cu, Pb, Zn, Co, Ag, As, Ni, Mn, Fe by ICP-AES (I104).
32000-32195: Sn, W by pressed powder, XRF (X401).
- C BCL samples
Dry, pulverise (S024); Au, Cu, Pb, Zn, Ag by cyanide leach, solvent extraction, carbon rod (B689).

A Panned concentrate samples			
Sample Number	Easting	Northing	Au
		Units	μg
		DL	5
12000	372590	5464290	<5
12001	372390	5464200	<5
12002	372840	5464000	<5
12003	371100	5463950	<5
12010	373610	5464090	<5
12011	373575	5464005	<5
12012	371010	5463710	<5
12013	371095	5463765	<5
12014	371410	5462900	<5
12015	372440	5462490	<5
12016	373275	5464120	<5
12017	374300	5464000	<5
12018	374310	5464210	<5
12019	373510	5463400	<5
12020	373535	5463385	<5
12021	373700	5463595	<5
12022	370210	5462300	<5
12023	370175	5462390	<5
12024	369365	5463300	<5
12025	369385	5463240	<5
12026	365495	5468610	<5
12027	368630	5469150	<5
12028	368900	5468825	<5
12029	370300	5468185	<5
12030	370335	5468210	<5
12031	369685	5468495	<5
12032	368720	5469600	<5
12033	368135	5469800	<5
12034	368085	5469975	<5
12035	367500	5469800	<5
12036	367200	5469150	<5
12037	367525	5468810	<5
12038	367490	5468740	<5
12039	369420	5467960	<5
12040	369400	5468510	<5
12041	369600	5468630	<5
12042	368390	5468400	<5
12043	368795	5469585	<5
12044	370490	5465320	<5
12045	369200	5465180	<5

Sample Number	Easting	Northing	Au
			μg 5 DL
12046	369180	5465100	<5
12047	369860	5465375	<5
12048	369850	5465350	<5
12049	370550	5465310	<5
12050	370500	5464410	<5
12051	370510	5464350	<5
12052	370860	5464620	<5
12053	371185	5464615	<5
12054	370610	5465090	<5
12055	370710	5465080	<5
12056	364490	5461630	<5
12057	364485	5462320	<5
12058	364585	5462700	<5
12059	364585	5462660	<5
12060	371015	5465900	<5
12061	370900	5466010	<5
12062	370500	5466510	<5
12063	370515	5466420	<5
12063	370515	5466420	<5
12064	370920	5466620	<5
12065	370910	5467110	<5
12083	370285	5458065	<5
12090	366310	5465900	<5
12091	366200	5465955	<5
12092	366310	5466360	<5
12093	366740	5466640	<5
12094	366610	5466650	<5
12095	366210	5466400	<5
12113	365880	5465350	<5
12114	365800	5465360	<5
12115	366190	5464630	<5
12116	366310	5464740	<5
12117	366375	5464880	<5
12118	366860	5464450	<5
12119	367200	5465050	<5
12120	367165	5463950	<5
12121	367060	5463800	<5
12122	367335	5463600	<5
12123	367500	5463700	<5
12124	367550	5463780	<5
12125	366800	5463900	<5
12126	366800	5463750	<5

Sample Number	Easting	Northing	Au
		Units	μg
		DL	5
12127	368820	5466600	<5
12128	368790	5466600	<5
12129	369240	5467200	<5
12130	369100	5467235	<5
12131	369160	5466935	<5
12132	369090	5467000	<5
12133	365885	5463370	<5
12134	365800	5463355	<5
12135	366015	5462430	<5
12136	366150	5462590	<5
12137	365250	5463540	<5
12138	365890	5464795	<5
12139	366500	5464400	<5
12157	370450	5463475	<5

B -80# samples																
Sample Number	Easting	Northing Units	Au ppb	Au(R) ppb	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Fe %	Mn ppm	Co ppm	As ppm	Ag	Sn ppm	W ppm	
		DL	1	1	2	3	2	2	0.1	3	2			3	10	
		DL								32000-32085			1			
		DL								32086-32112			50			
32000	372590	5464290	<1	<1	17	17	32	8	0.72	41	3	<1		<3	<10	
32001	372390	5464200	<1	<1	12	19	24	11	1.85	224	6	3		3	<10	
32002	372840	5464000	<1	-	8	29	30	13	0.85	30	9	1		4	<10	
32003	371100	5463950	<1	-	5	8	6	3	0.56	27	2	1		3	<10	
32015	373610	5464090	<1	<1	18	21	46	8	0.93	47	4	2		<3	<10	
32016	373575	5464005	I/S	-	23	10	22	20	0.49	25	2	<1		<3	<10	
32017	371010	5463710	<1	-	6	5	7	<3	0.38	15	<2	<1		<3	<10	
32018	371095	5463765	<1	-	15	3	27	28	0.5	25	<2	<1		6	<10	
32019	371410	5462900	<1	-	16	11	18	6	0.94	15	<2	<1		<3	<10	
32020	372440	5462490	<1	-	17	8	20	20	0.37	19	<2	1		<3	<10	
32021	373275	5464120			11	38	207	5	0.5	39	<2	7		I/S	I/S	
32022	374300	5464000	<1	-	12	8	30	10	0.82	76	3	2		3	<10	
32023	374310	5464210	<1	-	16	26	111	21	3.31	673	10	5		3	<10	
32023A	373510	5463400	<1	-	12	27	60	15	0.35	19	3	3		I/S	I/S	
32024	373535	5463385	<1	-	15	7	40	3	0.41	25	<2	16		I/S	I/S	
32025	373700	5463595	<1	-	4	3	21	5	0.37	22	<2	1		I/S	I/S	
32026	370210	5462300	<1	<1	3	5	41	<3	0.32	13	<2	2		I/S	I/S	
32027	370175	5462390	<1	-	7	5	19	<3	0.62	20	<2	7		I/S	I/S	
32028	369365	5463300	<1	-	4	3	17	<3	0.16	10	<2	1		<3	<10	
32029	369385	5463240	<1	-	2	4	9	3	0.23	15	<2	1		<3	<10	
32030	365495	5468610	<1	-	4	5	30	5	0.65	92	<2	1		I/S	I/S	
32031	368630	5469150	<1	-	3	12	10	4	0.3	24	<2	2		<3	<10	
32032	368900	5468825	<1	-	5	13	13	8	0.34	18	<2	1		<3	<10	
32033	370300	5468185	<1	-	<2	6	10	5	0.36	22	2	2		3	<10	
32034	370335	5468210	<1	-	12	4	33	<3	0.32	22	<2	2		I/S	I/S	
32035	369685	5468495	<1	-	39	3	67	6	0.33	20	<2	7		I/S	I/S	
32035A	368720	5469600	<1	-	7	10	22	6	0.56	40	<2	3		<3	<10	
32036	368135	5469800	3	<1	4	4	14	<3	0.25	19	<2	2		<3	<10	
32037	368085	5469975	<1	-	3	5	13	3	0.44	28	<2	3		<3	<10	
32038	367500	5469800	<1	-	6	<3	16	<3	0.35	32	<2	3		<3	<10	
32039	367200	5469150	<1	-	5	5	18	<3	0.59	96	2	2		<3	<10	
32040	367525	5468810	2	<1	6	12	27	<3	0.58	32	<2	3		I/S	I/S	
32041	367490	5468740	<1	-	9	<3	44	10	3.12	58	3	1		I/S	I/S	
32041	367490	5468740	N/L	N/L	N/L	N/L	N/L	N/L	N/L	N/L	N/L	N/L		N/L	N/L	
32042	369420	5467960	<1	<1	4	<3	17	<3	0.28	15	<2	<1		<3	<10	
32043	369400	5468510	<1	-	14	<3	36	8	0.73	34	<2	1		I/S	I/S	
32044	369600	5468630	<1	-	12	3	24	<3	0.46	20	<2	2		I/S	I/S	
32045	368390	5468400	<1	<1	6	3	26	<3	6.2	37	<2	5		7	<10	
32046	368795	5469585	<1	<1	5	7	18	<3	0.47	25	<2	2		3	<10	
32047	370490	5465320	<1	-	4	5	10	3	0.38	16	<2	1		<3	<10	
32048	369200	5465180	<1	-	15	6	25	8	0.73	26	<2	2		I/S	I/S	
32049	369180	5465100	<1	-	5	<3	15	<3	0.45	22	<2	1		I/S	I/S	
32050	369860	5465375	<1	-	23	<3	32	14	0.9	43	2	2		I/S	I/S	
32051	369850	5465350	<1	-	11	3	27	8	0.77	40	<2	1		I/S	I/S	
32052	370550	5465310	<1	-	11	4	32	11	0.77	39	2	1		I/S	I/S	
32053	370500	5464410	<1	-	28	4	50	34	1.17	63	2	<1		I/S	I/S	
32054	370510	5464350	<1	-	34	5	45	27	1.03	43	2	1		I/S	I/S	
32055	370860	5464620	<1	-	20	4	40	19	0.92	35	2	1		I/S	I/S	
32056	371185	5464615	<1	-	11	15	26	15	0.93	51	2	<1		I/S	I/S	
32057	370610	5465090	<1	<1	5	5	18	4	0.48	25	<2	1		I/S	I/S	
32058	370710	5465080	<1	-	16	4	31	10	1.02	65	2	2		I/S	I/S	

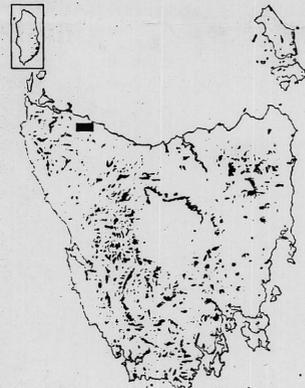
Sample Number	Easting	Northing	Au ppb	Au(R) ppb	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Fe %	Mn ppm	Co ppm	As ppm	Ag	Sn ppm	W ppm
		DL	1	1	2	3	2	2	0.1	3	2			3	10
		DL								32000-32085		1			
		DL								32086-32112		50			
32059	364490	5461630	<1	-	15	15	53	16	1.85	171	11	3		4	<10
32060	364485	5462320	<1	<1	37	16	48	19	2.32	194	12	5		6	<10
32061	364585	5462700	<1	-	14	15	26	9	1.52	38	4	1		4	<10
32062	364585	5462660	<1	-	16	9	53	15	1.75	278	16	2		I/S	I/S
32063	371015	5465900	1	<1	10	11	54	19	2.18	624	14	2		3	<10
32064	370900	5466010	<1	-	3	9	16	4	0.3	13	<2	2		<3	<10
32065	370500	5466510	<1	-	5	<3	29	11	0.58	24	<2	<1		IS	IS
32066	370515	5466420	<1	-	6	5	19	<3	0.73	29	<2	2		IS	IS
32067	370920	5466620	<1	<1	5	4	10	7	0.51	47	<2	3		3	<10
32068	370910	5467110	<1	-	9	8	44	15	4.14	520	20	3		IS	IS
32086	370285	5458065	3	4	9	4	15	19	0.58	38	8	<50		6	<10
32093	366310	5465900	<1	1	7	10	15	11	0.96	178	2	<50		<3	<10
32094	366200	5465955	4	3	12	12	70	16	1.59	189	6	<50		<3	<10
32095	366310	5466360	3	-	11	9	23	12	1.58	196	7	<50		<3	<10
32096	366740	5466640	<1	-	5	12	64	11	0.47	28	<2	<50		<3	<10
32097	366610	5466650	2	-	12	18	29	4	1.21	86	6	<50		<3	<10
32098	366210	5466400	1	<1	6	11	7	10	0.63	25	<2	<50		4	<10
		DL	1	1	5	50	5	10	0.1	10	5	10	5	3	10
32116	365880	5465350	<1	-	10	<50	37	11	1.03	122	<5	<10	<5	<3	<10
32117	365800	5465360	<1	-	20	<50	62	19	2.38	333	11	<10	<5	I/S	I/S
32118	366190	5464630	<1	-	12	<50	35	14	2.07	135	6	<10	<5	3	<10
32119	366310	5464740	<1	<1	8	<50	19	<10	0.765	157	<5	11	<5	4	<10
32120	366375	5464880	<1	-	<5	<50	11	<10	0.56	41	<5	<10	<5	3	<10
32121	366860	5464450	1	-	6	<50	8	<10	0.57	46	<5	<10	<5	3	<10
32122	367200	5465050	<1	-	<5	<50	25	<10	1.94	251	<5	<10	<5	<3	<10
32123	367165	5463950	<1	-	6	<50	20	<10	0.345	43	<5	<10	<5	<3	<10
32124	367060	5463800	<1	-	<5	<50	21	<10	0.54	52	<5	<10	<5	4	<10
32125	367335	5463600	<1	-	5	<50	6	<10	0.435	27	<5	<10	<5	<3	10
32126	367500	5463700	<1	-	8	<50	41	<10	0.8	45	<5	<10	<5	<3	<10
32127	367550	5463780	<1	-	7	<50	25	<10	0.49	41	<5	<10	<5	<3	<10
32128	366800	5463900	<1	-	<5	<50	18	<10	0.775	186	<5	<10	<5	<3	<10
32129	366800	5463750	<1	-	7	<50	21	<10	0.655	49	<5	14	<5	<3	<10
32130	368820	5466600	<1	-	<5	<50	44	<10	0.54	31	<5	<10	<5	I/S	I/S
32131	368790	5466600	<1	<1	<5	<50	11	<10	0.29	255	<5	<10	<5	<3	<10
32132	369240	5467200	<1	-	<5	<50	22	<10	0.63	35	<5	<10	<5	I/S	I/S
32133	369100	5467235	<1	-	6	<50	21	<10	0.385	28	<5	<10	<5	I/S	I/S
32134	369160	5466935	<1	-	<5	<50	39	<10	0.58	31	<5	12	<5	I/S	I/S
32135	369090	5467000	<1	-	7	<50	52	11	0.45	69	<5	<10	<5	I/S	I/S
32136	365885	5463370	<1	<1	7	<50	15	<10	1.19	162	<5	<10	<5	<3	<10
32137	365800	5463355	<1	-	22	<50	120	35	2.99	691	31	20	<5	I/S	I/S
32138	366015	5462430	<1	-	30	<50	83	30	2.24	420	18	<10	<5	I/S	I/S
32139	366150	5462590	<1	<1	6	<50	21	<10	0.565	142	<5	<10	<5	<3	<10
32140	365250	5463540	<1	-	24	<50	84	34	3.41	687	31	21	<5	I/S	I/S
32141	365890	5464795	<1	-	17	<50	71	18	1.92	287	7	<10	<5	I/S	I/S
32142	366500	5464400	<1	-	7	<50	25	<10	0.66	81	<5	<10	<5	<3	<10
		DL	1	1	2	2	2	3	0.1	3	2	50		3	10
32160	370450	5463475	2	2	3	3	10	3	0.73	27	2	<1		<3	<10

C BCL samples							
Sample Number	Easting	Northing	Au	Cu	Pb	Zn	Ag
		Units	ppb	ppm	ppm	ppm	ppm
		DL	0.05	0.01	0.3	0.01	0.01
22000	372590	5464290	1.5	0.59	<0.3	1.1	<0.01
22001	372840	5464000	0.8	0.34	<0.3	4.6	0.01
22002	371100	5463950	0.5	0.88	<0.3	2.3	<0.01
22013	373575	5464005	0.1	0.82	<0.3	1.8	<0.01
22014	371010	5463710	0.1	0.38	<0.3	0.9	<0.01
22015	371095	5463765	3.82	0.56	<0.3	0.8	<0.01
22016	373275	5464120	1.4	0.47	<0.3	1	<0.01
22017	374300	5464000	<0.05	<0.01	<0.3	<0.01	<0.01
22018	374310	5464210	<0.05	<0.01	<0.3	<0.01	<0.01
22019	370175	5462390	<0.05	<0.01	<0.3	<0.01	<0.01
22020	369365	5463300	<0.05	<0.01	<0.3	<0.01	<0.01
22021	369385	5463240	<0.05	<0.01	<0.3	<0.01	<0.01
22022	365495	5468610	<0.05	<0.01	<0.3	<0.01	<0.01
22023	368630	5469150	<0.05	<0.01	<0.3	<0.01	<0.01
22024	368900	5468825	<0.05	<0.01	<0.3	<0.01	<0.01
22025	370300	5468185	<0.05	<0.01	<0.3	<0.01	<0.01
22026	370335	5468210	<0.05	<0.01	<0.3	<0.01	<0.01
22027	369685	5468495	<0.05	<0.01	<0.3	<0.01	<0.01
22028	368720	5469600	<0.05	<0.01	<0.3	<0.01	<0.01
22029	368135	5469800	<0.05	<0.01	<0.3	<0.01	<0.01
22030	368085	5469975	<0.05	<0.01	<0.3	<0.01	<0.01
22031	367500	5469800	<0.05	<0.01	<0.3	<0.01	<0.01
22032	367200	5469150	<0.05	<0.01	<0.3	<0.01	<0.01
22033	367525	5468810	<0.05	<0.01	<0.3	<0.01	<0.01
22034	367490	5468740	<0.05	<0.01	<0.3	<0.01	<0.01
22035	369400	5468510	0.5	0.62	<0.3	2	0.01
22036	369600	5468630	0.6	0.86	<0.3	1.4	<0.01
22037	368795	5469585	0.3	0.32	<0.3	0.9	<0.01
22038	370490	5465320	0.2	0.42	<0.3	0.8	<0.01
22039	370550	5465310	<0.05	0.2	<0.3	1.6	<0.01
22040	370860	5464620	0.4	0.5	<0.3	1.6	<0.01
22041	371185	5464615	1.01	0.09	<0.3	0.9	<0.01
22042	364490	5461630	0.7	0.14	<0.3	2.6	<0.01
22043	370920	5466620	0.1	0.51	<0.3	1.5	<0.01
22056	370285	5458065	3.49	1.24	<0.3	1.2	<0.01
22058	366310	5466360	3.8	0.23	<0.3	0.2	<0.01
22066	366190	5464630	5.73	1.08	<0.3	3.4	<0.01
22067	366310	5464740	<0.05	<0.01	<0.3	<0.01	<0.01
22068	366800	5463900	1.02	0.78	<0.3	0.9	<0.01
22069	366800	5463750	1.2	0.57	<0.3	0.7	<0.01
22070	369240	5467200	8.6	0.8	<0.3	1.4	<0.01

192030

Sample Number	Easting	Northing	Au	Cu	Pb	Zn	Ag
22071	365885	5463370	6.15	0.21	<0.3	0.8	<0.01
22072	365800	5463355	0.9	0.68	<0.3	11.9	<0.01
22073	366015	5462430	5.28	1.55	<0.3	4.4	<0.01
22074	366150	5462590	1.65	0.65	<0.3	1.8	0.01
22075	366500	5464400	1.25	1.18	<0.3	1.8	0.01

TASMANIA
1:25 000
SERIES



about the
MAP AREA
This map, covering an area of 10x20 kilometers, shows highly detailed topography and subjects of general interest. Cultural features include boundaries of Municipalities, Wards, Towns, Reserves, precincts and parcels. Maps in this series are available either flat or folded or as a microform transparency.

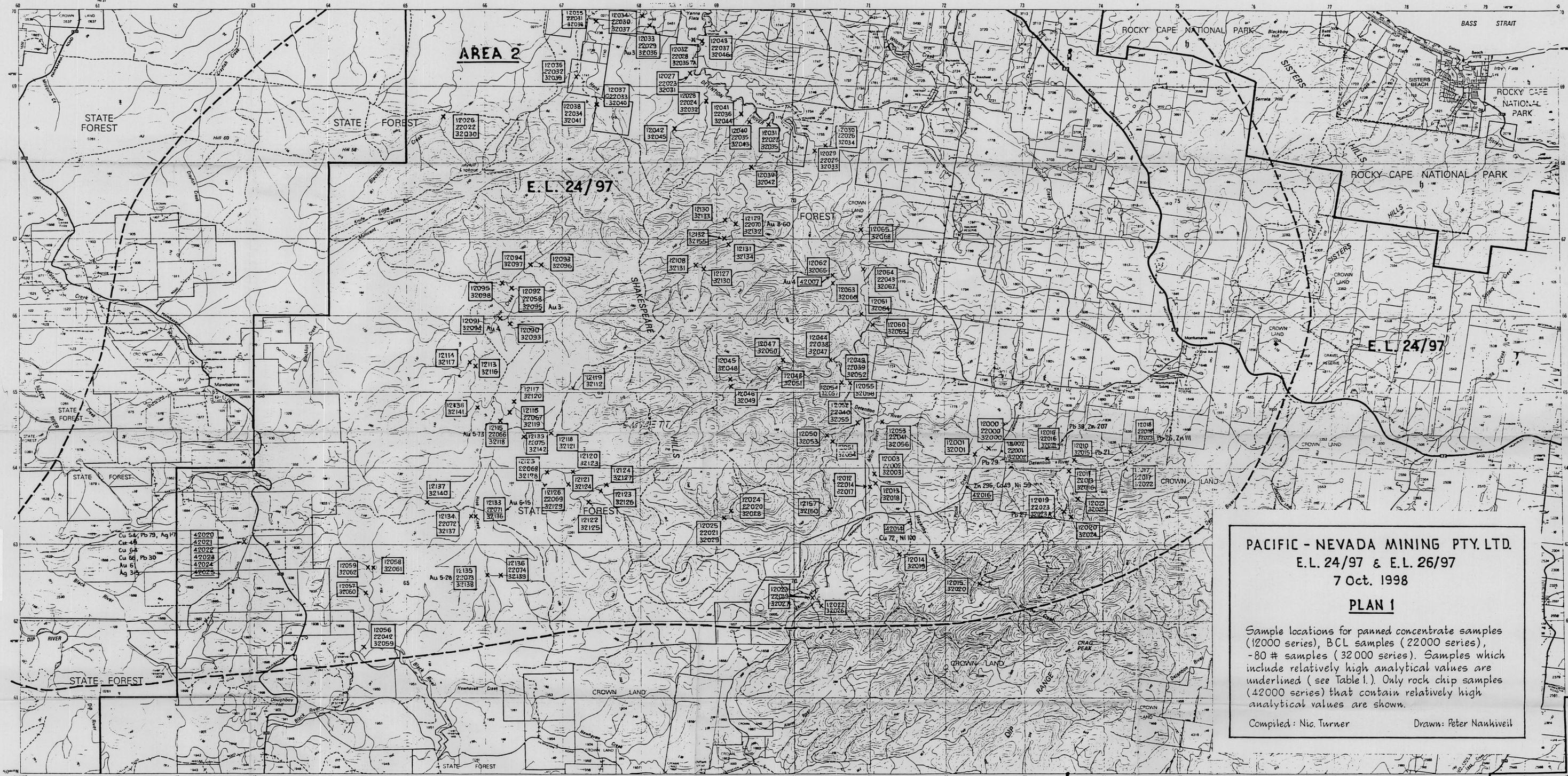
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99-4307

ANNUAL REPORT-EL 24/97
PACIFIC NEVADA-DETENTION RIVER
S WESTBROOK

For information about other published or unpublished mapping, aerial photography and related products, contact Tarn at 134 Macquarie Street, Hobart or write to: Tarn, P.O. Box 444, Hobart, 7001

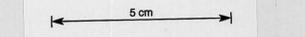


PACIFIC - NEVADA MINING PTY. LTD.
E.L. 24/97 & E.L. 26/97
7 Oct. 1998
PLAN 1

Sample locations for panned concentrate samples (12000 series), BCL samples (22000 series), -80 # samples (32000 series). Samples which include relatively high analytical values are underlined (see Table 1). Only rock chip samples (42000 series) that contain relatively high analytical values are shown.

Compiled: Nic Turner Drawn: Peter Naukivell

E.L. 46/96



PROJECTION: Universal Transverse Mercator (UTM)
HORIZONTAL DATUM: Australian Geodesic Datum 1984
VERTICAL DATUM: Australian Height Datum (Tasmania) excluding offshore areas which datum is mean sea level
GRID: 1000 metre intervals of the Universal Transverse Mercator Grid, Zone 58 (Australian Map Grid). Easting and Northing Grid values are shown in full at the south-west corner of the map.
CONTOUR INTERVAL: 10 metres with 50 metre contour intervals.
WORLD GEODETIC SYSTEM 1972: To convert co-ordinates from the system to Australian Geodesic Datum 1984, increase the value of longitude by 5.7" (equivalent to 101 metres), and decrease the value of latitude by 4.4" (equivalent to 102 metres). To obtain heights increase by 1.6 metres.
MAGNETIC VARIATION: True, Grid and Magnetic North are shown approximately for the centre of the map. Magnetic North is correct for 1980 and moves roughly about 0.17" every two years.

- Residential area, Commercial buildings
- Roads maintained for continuous public use
- Roads of restricted use
- Walking track or horse trail
- Railway with station
- Caravan park; Camping ground; Public toilets
- Disposal area; Information centre; Cemetery
- Picnic area; Trig station beacon; Spot elevation
- Quarry pit or open cut
- Rock scree; Broken rock surface
- Dense forest; Medium forest
- Low dense vegetation; Deciduous grass
- Outcrop; Pine plantation
- Excavated perimeter; Submerged lines
- Swamp
- Windbreak
- Well area; Subject to flooding
- Waterfall; Rapids
- Insulating system or footbridge; Lane
- Tidal rocks or ledge; Offshore rock
- Navigation light or lighthouse; Equipped wharf
- Sand; Tide reef
- Saline coastal flat; Tide flat
- Jetty; Launching ramp

BOUNDARIES shown on this map are NOT authoritative. For full particulars, please consult the Registrar-General's Office, Land Department, or the Survey Division, Lands Department. Areas within prescribed boundaries of area that will increase their not be affected. Boundaries of Crown Land (including Reserves) are shown as at July 1988.

MEAN TEMPERATURE

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Max	22	21	20	18	15	12	10	11	14	17	19	21
Min	10	9	8	6	4	2	1	2	5	8	10	12

UNIVERSAL GRID REFERENCE

Grid Zone Designation	100 000 Metre Square Identification
58	3446

