PACIFIC-NEVADA MINING PTY LTD
PO Box 7214
Cloisters Square
Perth WA 6850

EL04/98 BALFOUR

REPORT ON EXPLORATION ACTIVITY 10-7-98 TO 10-7-99

Volume 1 of 1

Sean Westbrook, Exploration Geologist
Pacific-Nevada Mining Pty. Ltd. June 1999

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

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EL04/98 BALFOUR

REPORT ON EXPLORATION ACTIVITY 10-7-98 TO 10-7-99

EL4/98

Volume 1 of 1

See folio 32.

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

CONTENTS

LIST OF PLATES

1.0 Introduction

This report summarises progress made in mineral Exploration License 4/98, Balfour, during regional exploration conducted over the period 10/7/98 to 10/7/99. EL4/98 is located within north-western Tasmania and is being explored in conjunction with numerous other EL's held by Pacific-Nevada Mining Pty Ltd in the area.

1.1 LOCATION AND ACCESS

EL4/98 is located in north-western Tasmania around the Balfour region, south of Smithton (Figure 1). Access is via both all weather and all vehicle roads and 4WD-only tracks.

1.2 TENURE AND LAND USAGE

Land Tenure of EL4/98 comprises a combination of State Forest and the Arthur–Pieman Protected Area. The small township of Balfour, which is located at the center of the lease, has no permanent residents.

2.0 Exploration Concepts

The Balfour area is regarded by Pacific-Nevada Mining Pty Ltd as prospective for the following styles of deposits:

- **Stratiform Copper Deposits**, especially along the contact between carbonaceous pyrrhotitic siltstones and chloritic-iron oxide rich siltstone.
- **Stratabound Cu-Au Deposits** associated with major structural zones such as the Balfour Shear Zone and the Roger River Fault.
- **Sedex Pb-Zn Deposits** associated with the southern extension of the structurally disrupted eastern margin of the Smithton Basin.
- **Replacement Deposits** formed in the carbonate rich members of the Togari Group.

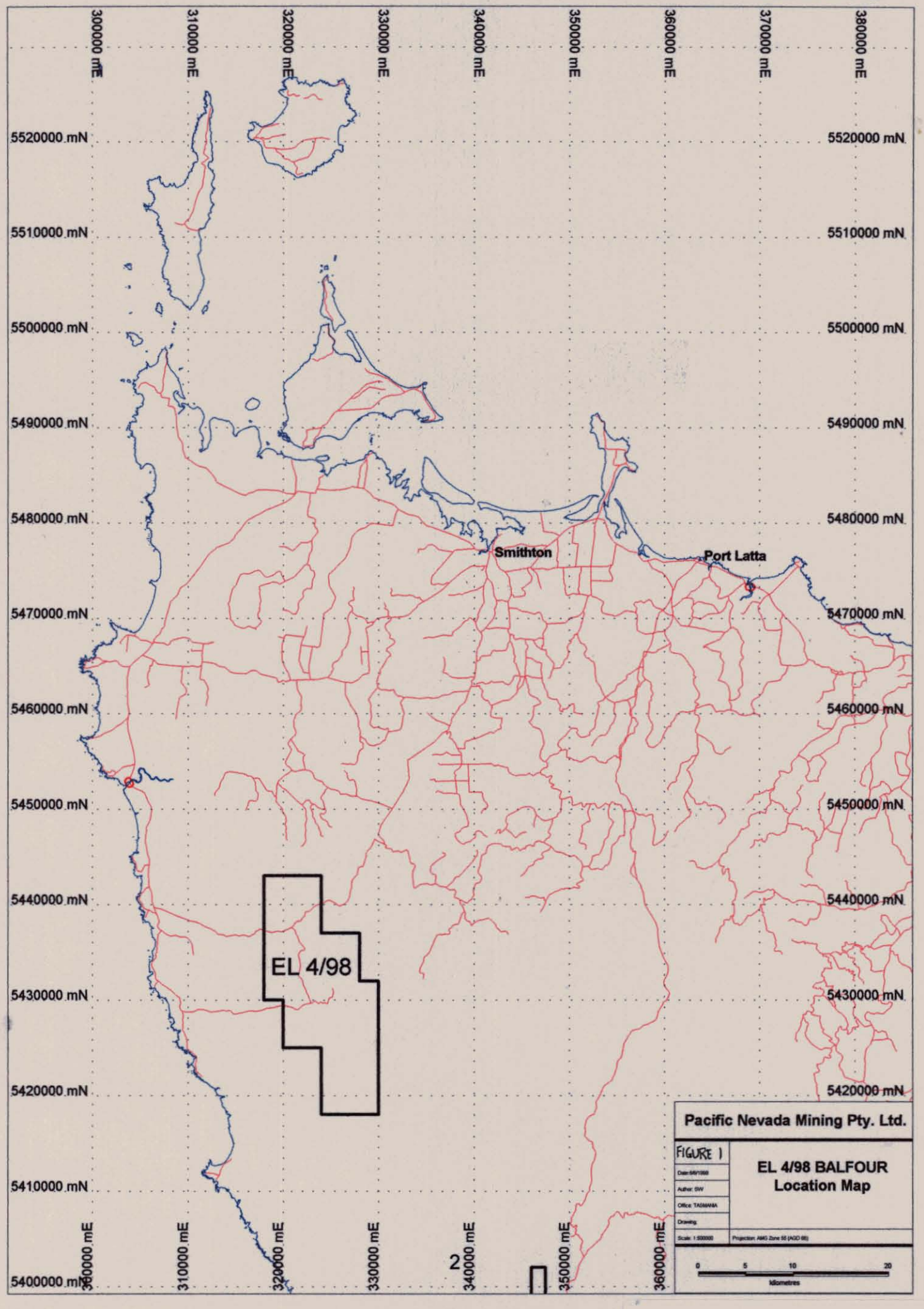
3.0 Previous Work

Exploration in the Balfour area has previously been carried out by ACI Limited and CRA Exploration.

ACI explored the copper lodes of the Balfour Copper Trend during the period 1968 - 1974. Extensive IP surveys were conducted along the strike length of the trend. A total of 37 diamond drill holes tested eight prospects over a strike length of 17km. The best drill intercept was at the Murrays Reward prospect with 20.7m from 63.4m @ 1.44% Cu (DDH16). ACI defined a resource of 0.5MT @ 0.8% Cu at Murrays Reward.

Eight holes drilled by ACI at the Clump prospect show the mineralised zone to be up to 20m wide with an average of <0.5% Cu. The ACI drill holes covered a strike length of 750m. Recoveries were poor and Au was not analysed. Drilling of the Clump by ACI was considered inadequate as poor core recoveries were

593006


300000 mE
310000 mE
320000 mE
330000 mE
340000 mE
350000 mE
360000 mE
370000 mE
380000 mE
5520000 mN
5510000 mN
5500000 mN
5490000 mN
5480000 mN
5470000 mN
5460000 mN
5450000 mN
5440000 mN
5430000 mN
5420000 mN
5410000 mN
5400000 mN
Smithton
Port Latta
EL 4/98
2
Pacific Nevada Mining Pty. Ltd.
FIGURE 1
EL 4/98 BALFOUR
Location Map
Date: 6/6/1998
Author: SW
Office: TASMANIA
Drawing:
Scale: 1:500000
Projection: AMG Zone 55 (AGD 66)
0 5 10 20
kilometres
5 cm

obtained. Supergene sulphides in particular may have been washed away. Re-drilling of holes 6 and 9 was considered desirable (Turner, 1995 in TCR 95-3734). Rock chip samples in the Clump area returned up to 1108ppm Cu and 0.034ppm Au. Disseminated Pb-Zn mineralisation is found within a quartzite at the Clump.

Exploration by CRAE initially targeted stratiform copper models before focusing on potential for large structurally controlled high-grade deposits. Russell and Tear (1997) developed a model based on Cobar-style lodes where copper mineralisation CRAE believed the Balfour Copper Trend represents a major shear zone and that part of the trend is underlain by granite at an interpreted depth of ~2km. The granite is evidenced by quartz-tourmaline-Sn-W veining at Specimen Hill and greissen style mineralisation at the Clump.

Work included costean and auger sampling, EM and IP surveys, and drilling of eight holes. Surface exploration techniques (soil and wacker sampling) were found to be unreliable as copper anomalism in particular was demonstrated to be depleted at surface above known copper occurrences (eg The Clump). Conventional stream sediment sampling techniques were also found to be ineffective within the Balfour area as leaching, quartz lag cover and weakly incised drainage patterns are apparent.

CRAE drilled three holes at Murray's Reward, confirming ACI's earlier intersections (eg DD97BC9 – 17.3m @ 1.06% Cu).

4.0 Regional Geology

The Geology of the Balfour area can be divided into two broad halves. In the west and south Mesoproterozoic rocks of the Rocky Cape Group dominate, comprising mudstones, siltstones, quartzites and minor carbonates. In the north-east the Togari Group occurs, representing the southern limit of the Smithton Synclinorium. The Togari Group comprises a succession of shallow marine dolomites, cherts, shales interbedded with mafic volcanics. The relationship between the Rocky Cape Group and the Smithton Synclinorium has traditionally been regarded as an angular unconformity. Pacific-Nevada interprets a possible shear zone contact (Newnham, 1998). Figure 2 shows the regional geology around Balfour.

The Balfour area is influenced by a number of major structural trends. The Roger River Fault is a regional north-east trending structure controlling the eastern margin of the Smithton Synclinorium and offsetting the main zone of mineralisation in the Balfour region. Interpretation of the RFA aeromagnetic data by Pacific-Nevada (Newnham, 1998) shows the Roger River Fault to bend in a south-west direction with a substantial dextral movement which offsets the main N-S Balfour Copper Trend.

The RFA interpretation also highlighted two other major structural trends impacting on the Balfour area (Newnham, 1998):

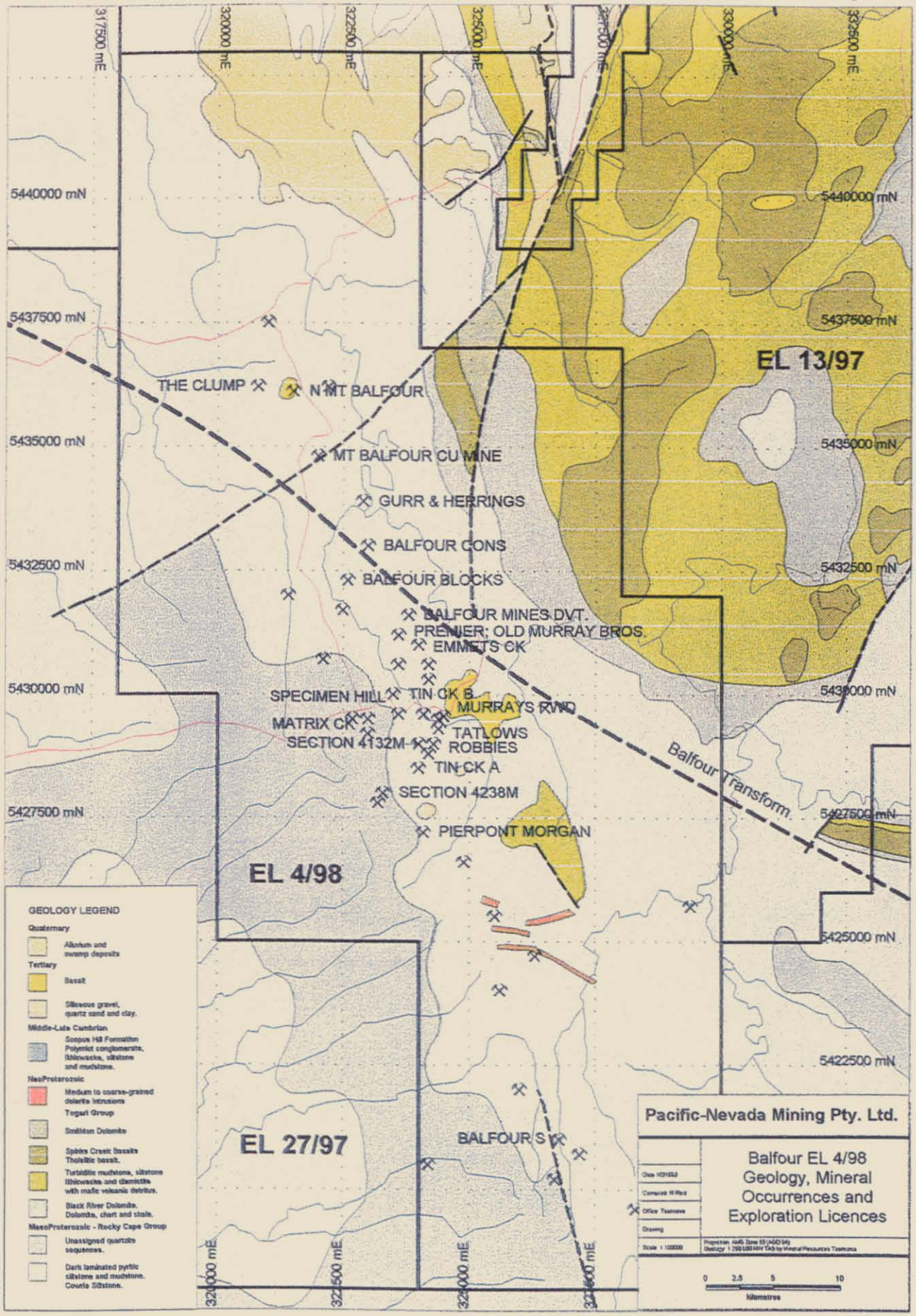

317500 mE
320000 mE
322500 mE
325000 mE
327500 mE
330000 mE
332500 mE
5440000 mN
5437500 mN
5435000 mN
5432500 mN
5430000 mN
5427500 mN
5425000 mN
5422500 mN
EL 13/97
EL 4/98
EL 27/97
THE CLUMP
N MT BALFOUR
MT BALFOUR CU MINE
GURR & HERRINGS
BALFOUR CONS
BALFOUR BLOCKS
BALFOUR MINES DVT.
PREMIER; OLD MURRAY BROS.
EMMETTS CK
SPECIMEN HILL
TIN CK B
MURRAYS RWD
MATRIX CK
SECTION 4132M
TATLOWS
ROBBIES
TIN CK A
SECTION 4238M
PIERPONT MORGAN
Balfour Transform
BALFOUR S
GEOLOGY LEGEND
Quaternary
Alluvium and swamp deposits
Tertiary
Basalt
Siliceous gravel, quartz sand and clay.
Middle-Late Cambrian
Scopus Hill Formation
Polymict conglomerate, lithicwacke, siltstone and mudstone.
NeoProterozoic
Medium to coarse-grained dolerite intrusions
Togari Group
Smithton Dolomite
Spinks Creek Basalts
Tholeiitic basalt.
Turbiditic mudstone, siltstone lithicwacke and dismictite with mafic volcanic detritus.
Black River Dolomite.
Dolomite, chert and shale.
MesoProterozoic - Rocky Cape Group
Unassigned quartzite sequences.
Dark laminated pyritic siltstone and mudstone.
Cowrie Siltstone.
Pacific-Nevada Mining Pty. Ltd.
Balfour EL 4/98
Geology, Mineral Occurrences and Exploration Licences
0 2.5 5 10
Kilometres
5 cm

Figure 11

- A SSE structure along the eastern side of the Norfolk Range. This is now interpreted as the Balfour Shear Zone that, in the Balfour area, includes Togari Group formations.

- An ESE arcuate structure which eventually curves south to intersect the Pieman Fault. It was suggested that this may be an east to north-east directed thrust structure concealing Togari Group rocks. However, gravity and magnetic data does not support this.

Copper mineralisation in known over a 25 km-long zone, previously called the Balfour Copper Trend. The two most significant occurrences are at Murray's Reward (Balfour Mine) and the Clump.

5.0 Exploration Carried Out by Pacific-Nevada

Exploration by Pacific-Nevada in EL4/98 during the first year of it's tenure included a review of previous work and target assessment of the area, field assessment of the area's gold potential through a regional stream sediment and rock chip sampling programme and a regional airborne EM and magnetics survey.

A total of 46 sites were sampled for stream sediments. BLEG (bulk) and –80# samples were collected at each site. Panned concentrate samples were collected at 39 of the sites. 25 rock chip samples were taken.

6.0 Discussion of Results

6.1 TARGET ASSESSMENT

Review of existing data from the Balfour area by Pacific-Nevada identified numerous exploration targets. These targets are (Newnham, 1998): (1) the Balfour Shear Zone south of the Roger River Fault, north of Murray's Reward; (2) the Clump Zone; and (3) gravity anomalies in the north of the EL. These targets have not yet been tested by Pacific-Nevada except for surface drainage geochemistry.

(1) Balfour Shear Zone:

The Balfour Shear Zone is interpreted by Pacific-Nevada as trending due north of Murray's Reward and intersecting the Roger River Fault close to the license boundary. A significant gravity anomaly occurs to the east of the zone in a sequence of basalts and volcaniclastics.

(2) Clump Area:

Drilling at the Clump prospect by ACI Limited focused on cupriferous quartz-dolomite veining around known mineralisation. However, ACI failed to test a zone to the east of the Clump of co-incident IP anomalism, elevated Cu (to 1100ppm) in rock chips and semi-massive pyrite in sub-crop near a potential redox trap between carbonaceous sulphidic siltstone and chloritic, iron-rich

siltstone. IP and geochemical surveys also indicate a north-west extension of the Clump mineralised zone.

(3) Northern Gravity Anomalies:

An area of gravity high readings occurs in the far north of EL 4/98. These occur over sediments of the Rocky Cape Group bounded to the east by the interpreted northern extension of the Balfour Shear Zone, and to the south by the Roger River Fault. No exploration has previously occurred in this area.

6.2 SAMPLE GEOCHEMISTRY

Stream sediment sample numbers, AMG co-ordinates and analyses are listed in Appendices 1 A, B and C. Rock chip sample numbers, AMG co-ordinates and analyses are listed in Appendix 2. Plates 1 and 2 show sample locations.

Gold results were generally of low order for both stream sediment and rock chip samples. Of interest is a 4660µg Au anomalous panned concentrate that was coincident with visible gold within the sample (7711059). This gold occurrence has not been followed up to date. Other above background gold results include 21.6ppb (7720996), 11.8ppb (7720998) and 6.79ppb (7721034) from BLEG samples.

Most base metal analysis results were of low order for all sample media. The highest copper value of 824ppm (7730978) was returned from a –80# sample. Zinc and Lead results were of a low order for all sample media. Peak results include 179ppm Zn coincident with 81ppm Pb from a rock chip sample (7741874). A zinc value of 15.2ppm (7720995) from a BLEG sample was well above the background count for the area.

The rock chip sampling program was generally limited to outcrops observed while stream sediment sampling. Hence the results do not reflect the base metal potential of the Balfour area that would have been shown if a sampling program had been carried out around known historic workings and recent prospects. However, it is unusual that such low base metal values were obtained from stream sediment in drainages around the known Balfour mineral field. Leaching, quartz lag cover and weakly incised drainage patterns are apparent in the Balfour area and most likely contribute to the low stream sediment results.

6.3 GEOPHYSICS

Pacific-Nevada's airborne magnetic and EM survey covered the northern end of the Balfour Copper Trend, extending south to Murray's Reward. No EM responses were recorded coincident with known copper mineralisation. This may suggest depletion of the lodes through extraction and weathering. Plates 3 and 4 show the magnetic and electromagnetic data for EL4/98. Limited interpretation and follow up of the airborne data has occurred at current.

7.0 Conclusions and Recommendations

Exploration by Pacific-Nevada Mining Pty Ltd over EL4/98 has currently been limited to regional stream sediment and rock chip sampling surveys. Further ground work is needed to test the targets identified by Pacific-Nevada. Recommended work includes follow-up infill gravity surveys, mapping and ground electrical geophysical and geochemical surveys over selected areas. Drill testing of suitable targets should occur following the groundwork.

8.0 Environmental Matters

No exploration activities were conducted which caused environmental disturbances within EL4/98. No rehabilitation is necessary.

9.0 Expenditure

Expenditures	**Total to-date**
Geology	$26,146.99
Geochem	9,454.93
Geophysics – air	24,488.64
Admin	6,676.73
Total	**$66,767.29**

10.0 References

NEWNHAM, L.A. 1998. Pacific-Nevada Mining Pty Limited Tender Submission ETA464 Balfour Region.

RUSSELL, S.A.J. & TEAR, S.J. 1997. EL4/94 Balfour. Third annual and final report for the period 3 May 1996 to 11 November 1997, Tasmania, Australia. Rio Tinto Exploration Pty. Limited. TCR98-4115.

TURNER, N.J. 1995. Report on geological mapping and rock chip sampling around The Clump, Murrays Reward and other localities in EL18/92, Balfour district, North Western Tasmania. CRA Exploration Pty Ltd. TCR95-3734.

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EL04/98

Annual Report

APPENDIX 1

A 80# SAMPLE NUMBERS, AMG CO-ORDINATES AND ANALYSES

B BULK SAMPLE NUMBERS, AMG CO-ORDINATES AND ANALYSES

C PANCON SAMPLE NUMBERS, AMG CO-ORDINATES AND ANALYSES

A 80# SAMPLE NUMBERS, AMG CO-ORDINATES AND ANALYSES

80#	East (AMG)	North (AMG)	Au	Cu	Pb	Zn	Ni	Fe	Mn	Co	As
6531032	325280	5436100	4	6	-3	9	4	0.35	48	10	2
6531033	324880	5436470	1	6	-3	8	7	0.44	42	-2	1
6531034	324770	5436780	1	4	3	29	6	0.49	21	-2	3
6531035	324720	5436660	-1	3	-3	12	7	0.36	32	-2	2
7730915	324460	5435700	-1	2	-3	10	5	0.32	40	-2	2
7730916	323910	5436410	-1	34	3	91	69	5.72	605	36	4
7730917	324240	5436500	-1	4	-3	14	12	0.53	58	-2	1
7730918	326280	5436570	-1	92	3	104	92	9.31	729	47	6
7730972	325200	5431400	-1	294	15	42	10	0.78	69	2	-50
7730973	325110	5431400	-1	7	15	12	6	0.81	47	-2	-50
7730974	325080	5431010	-1	8	6	10	15	1.34	77	-2	-50
7730975	324650	5431240	-1	9	22	7	4	0.47	23	-2	-50
7730976	324570	5431100	-1	8	6	4	7	0.4	23	-2	-50
7730977	324390	5431150	-1	9	10	9	5	0.91	60	-2	-50
7730978	324500	5431550	-1	824	19	11	7	1.22	66	-2	-50
7730979	324600	5431660	-1	20	9	51	23	2.63	305	8	-50
7730980	324180	5432060	-1	16	18	11	6	1.17	31	-2	-50
7730981	324440	5432120	-1	5	5	4	6	0.41	17	-2	-50
7730982	324440	5432580	-1	10	6	7	9	0.65	29	-2	-50
7730983	324130	5432570	-1	5	5	4	6	0.33	19	-2	-50
7730984	324210	5432740	-1	11	4	5	10	0.43	31	-2	-50
7730985	323990	5433370	-1	10	9	10	12	0.94	81	4	-50
7730986	323690	5433490	-1	8	8	7	5	0.47	32	-2	-50
7730988	323330	5433290	-1	19	11	9	5	0.77	41	-2	-50
7730989	322880	5433620	-1	18	6	7	7	0.53	52	2	-50
7730990	322760	5434520	-1	13	8	30	12	1.76	122	4	-50
7730991	323510	5434770	-1	6	5	5	12	0.53	32	-2	-50
7730992	323500	5435080	-1	5	6	4	7	0.36	19	2	-50
7730993	322580	5435320	-1	7	6	8	9	0.96	56	-2	-50
7730994	322580	5435800	-1	8	4	6	4	0.46	38	-2	-50
7730995	322720	5435940	-1	11	9	46	16	1.41	228	11	-50
7730996	322720	5436260	-1	9	18	49	9	2.79	192	7	-50
7730997	322830	5436340	-1	8	6	36	18	1.22	190	5	-50
7730998	322710	5436980	-1	7	3	48	12	1.96	512	10	-50
7731073	324215	5429400	3	289	19	37	9	3.33	131	-2	235
7731074	324185	5429350	1	8	6	24	11	0.45	71	-2	29
7731075	323140	5430670	5	187	11	15	5	0.98	61	-2	66
7731076	323100	5430770	4	3	-3	3	8	0.42	30	2	3
7731077	322230	5431860	3	74	5	10	9	0.55	53	2	9
7731078	322220	5431860	-1	3	-3	8	6	0.4	32	-2	5
7731079	321970	5432530	-1	2	-3	8	6	0.26	24	-2	7
7731080	322000	5432620	-1	5	4	11	5	0.47	31	2	6
7731081	321290	5432590	-1	5	-3	6	4	0.37	28	-2	7
7731082	321450	5431600	-1	3	-3	4	3	0.26	24	-2	12
7731083	321555	5431600	-1	3	-3	5	-3	0.24	24	-2	10
7731084	321600	5431850	-1	2	5	5	4	0.27	13	-2	3

B BULK SAMPLE NUMBERS, AMG CO-ORDINATES AND ANALYSES

Bulk	East (AMG)	North (AMG)	Au	Cu	Pb	Zn
6521032	324880	5436470	1.3	0.51	-0.3	0.4
6521033	324770	5436780	1.9	0.23	-0.3	0.5
6521034	324720	5436660	6.79	0.49	-0.3	0.7
7720915	324460	5435700	2.6	0.56	-0.3	-0.01
7720916	323910	5436410	2.7	0.15	-0.3	1.2
7720917	324240	5436500	2.7	0.16	-0.3	0.9
7720918	326280	5436570	2	0.17	-0.3	1.8
7720972	325200	5431400	0.9	0.73	-0.3	1.1
7720973	325110	5431400	-0.05	0.57	-0.3	1.1
7720974	325080	5431010	-0.05	0.31	-0.3	0.8
7720975	324650	5431240	0.83	6.06	-0.3	2.9
7720976	324570	5431100	-0.05	1.01	-0.3	0.9
7720977	324390	5431150	1.02	2.48	-0.3	1.3
7720978	324500	5431550	-0.05	109	-0.3	0.9
7720979	324600	5431660	0.6	2.46	-0.3	3.7
7720980	324180	5432060	0.2	0.61	-0.3	1
7720981	324440	5432120	0.1	0.68	-0.3	1
7720982	324440	5432580	0.11	0.62	-0.3	1.2
7720983	324130	5432570	0.53	0.46	-0.3	0.8
7720984	324210	5432740	0.2	0.46	-0.3	0.6
7720985	323990	5433370	1.05	0.26	-0.3	1.5
7720986	323690	5433490	0.5	0.78	-0.3	0.7
7720987	323470	5433200	-0.05	0.19	-0.3	1.1
7720988	323330	5433290	0.1	0.43	-0.3	0.7
7720989	322880	5433620	0.2	2.67	-0.3	0.7
7720990	322760	5434520	-0.05	0.88	-0.3	0.9
7720991	323510	5434770	1.2	0.66	-0.3	0.8
7720992	323500	5435080	0.2	0.61	-0.3	0.7
7720993	322580	5435320	-0.05	0.33	-0.3	0.8
7720994	322580	5435800	-0.05	0.71	-0.3	0.9
7720995	322720	5435940	-0.05	1.29	-0.3	15.2
7720996	322720	5436260	21.6	1.64	-0.3	4.8
7720997	322830	5436340	0.2	0.61	-0.3	2.6
7720998	322710	5436980	11.8	1.18	-0.3	6.9
7721070	324215	5429400	-0.05	1.81	-0.3	1.8
7721071	324185	5429350	0.6	1.44	-0.3	0.6
7721072	323140	5430670	-0.05	1.35	-0.3	0.9
7721073	323100	5430770	-0.05	0.67	-0.3	0.7
7721074	322230	5431860	-0.05	1.93	-0.3	0.8
7721075	322220	5431860	0.3	0.42	-0.3	0.9
7721076	321970	5432530	0.1	0.31	-0.3	0.9
7721077	322000	5432620	-0.05	0.35	-0.3	0.9
7721078	321290	5432590	0.18	1.21	-0.3	-0.01
7721079	321450	5431600	-0.05	1.83	-0.3	0.9
7721080	321555	5431600	-0.05	0.58	-0.3	0.69
7721081	321600	5431850	0.2	0.41	-0.3	0.7

C PANCON CAMPLE NUMBERS, AMG CO-ORDINATES AND ANALYSES

Pancon	East (AMG)	North (AMG)	Au
6511029	325280	5436100	-1
6511030	324880	5436470	-1
6511031	324720	5436660	-1
7710914	324460	5435700	16
7710915	323910	5436410	-5
7710916	324240	5436500	10
7710917	326280	5436570	-1
7710972	325200	5431400	-5
7710973	325110	5431400	-5
7710974	325080	5431010	-5
7710975	324570	5431100	-5
7710976	324500	5431550	-5
7710977	324600	5431660	-5
7710978	324180	5432060	-5
7710979	324440	5432120	-5
7710980	324440	5432580	-5
7710981	324130	5432570	-5
7710982	324210	5432740	30
7710983	323990	5433370	-5
7710984	323690	5433490	32
7710985	323470	5433200	-5
7710986	323330	5433290	-5
7710987	322880	5433620	-5
7710988	322760	5434520	-5
7710989	323510	5434770	-5
7710990	323500	5435080	-5
7710991	322580	5435320	-5
7710992	322580	5435800	-5
7710993	322720	5436260	-5
7710994	322830	5436340	-5
7710995	322710	5436980	-5
7711058	324185	5429350	-5
7711059	323140	5430670	4660
7711060	322230	5431860	-5
7711061	322220	5431860	-5
7711062	321970	5432530	-5
7711063	322000	5432620	-5
7711064	321555	5431600	-5
7711065	321600	5431850	-5

Pacific-Nevada Mining Pty Ltd

EL04/98

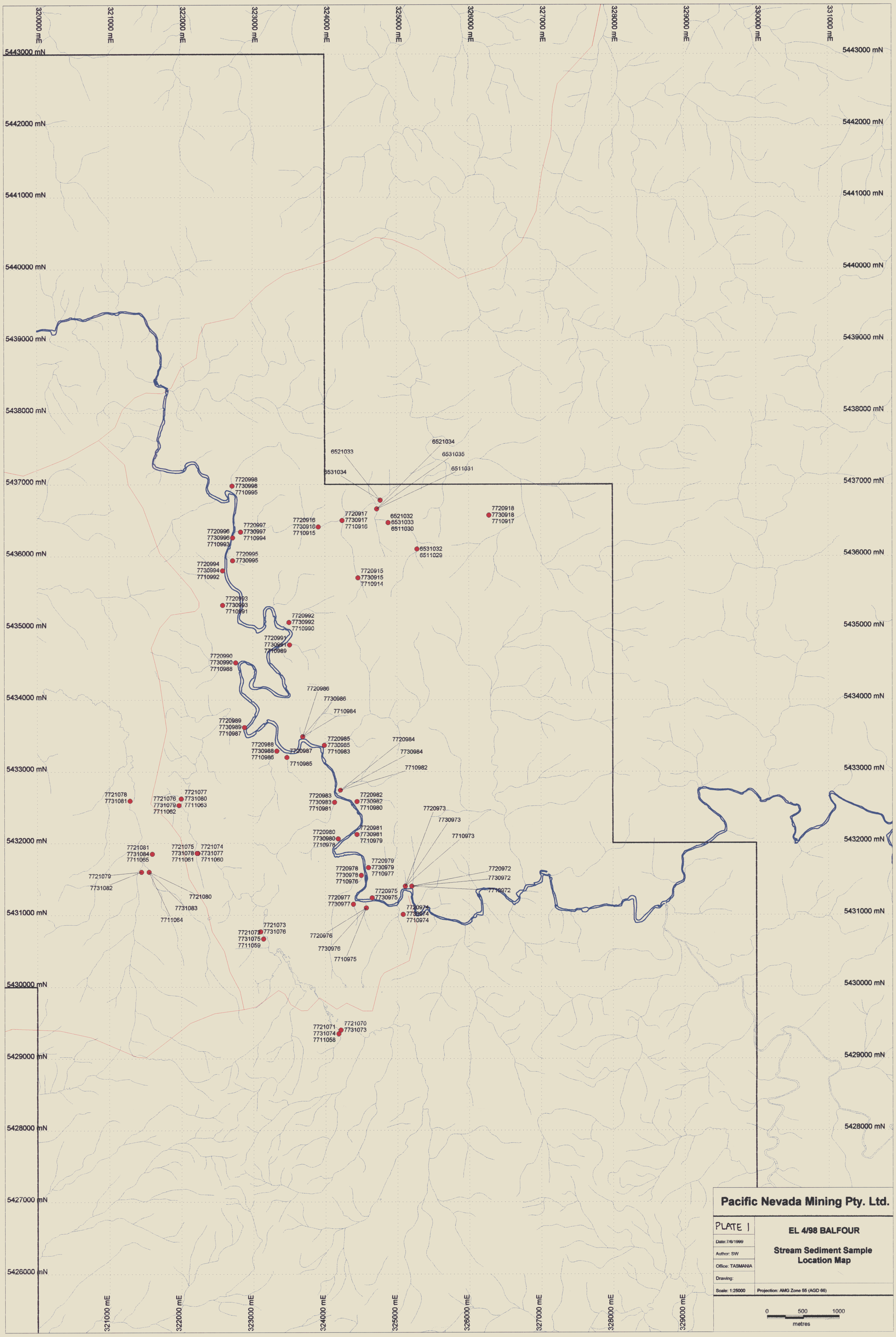
Annual Report

APPENDIX 2

ROCK CHIP SAMPLE NUMBERS, AMG CO-ORDINATES AND ANALYSES

ROCK CHIP SAMPLE NUMBERS, AMG CO-ORDINATES AND ANALYSES

Rock	East (AMG)	North (AMG)	Au	Cu	Pb	Zn	Ag	As	Ba	Co	Fe	Ca	K	Mg	Mn	Na	P	Ti	Zr	Ni
6541013	325120	5436400	2	70	41	99	-5	29	206	19	63800	6350	13600	9020	284	2000	2600	641	67	18
6541014	325050	5436400	-1	7	12	93	-5	24	508	10	68100	1100	38500	7740	528	4700	600	751	125	21
6541015	325000	5436400	1	-1	-1	38	-1	20	424	10	38600	200	42900	15500	293	1150	150	930	115	15
6541016	324700	5436550	-1	-1	12	47	0.6	17	179	22	140000	4000	46800	16400	240	4550	1050	6140	19	107
7740747	324420	5435780	-1	39	24	113	-5	32	2370	26	89200	8550	32000	76300	1530	8250	750	6340	119	77
7740748	324380	5486120	3	64	14	91	-5	16	540	29	80600	6350	9800	81700	877	100	800	6590	83	145
7741085	324215	5429400	-1	154	33	112	0.8	16	15	-5	6800	400	450	160	85	100	200	44	-5	-10
7741086	323140	5430670	-1	9	14	22	-0.5	-5	212	-5	27500	200	18900	3250	69	10400	50	1720	121	-10
7741087	322210	5431830	-1	14	28	30	0.8	8	644	-5	34600	300	60900	10200	284	2500	200	4030	157	-10
7741088	322040	5431840	-1	-5	25	32	-0.5	-5	526	-5	12100	50	47800	6070	205	600	-50	4220	134	-10
7741089	321970	5432210	-1	21	30	26	-0.5	-5	555	-5	23600	200	42300	8800	233	3550	200	2130	104	-10
7741090	321930	5432180	-1	-5	30	28	1.3	12	294	-5	27600	350	26500	2520	118	9550	50	3150	82	-10
7741091	321600	5431850	-1	9	-10	6	0.5	105	-5	15	63700	100	500	90	43	350	-50	80	5	-10
7741867	324990	5431130	-1	42	-50	38	-5	-10	830	-5	31500	1150	39900	9240	150	15000	850	2080	276	-10
7741868	324210	5432030	-1	9	-50	15	-5	-10	139	-5	13400	300	6600	3680	52	34500	200	462	89	-10
7741869	324215	5432030	-1	8	-50	18	-5	14	456	8	20100	4650	20000	4320	173	22100	200	988	106	11
7741870	324205	5432030	-1	-5	-50	9	-5	-10	235	7	11300	350	9900	1590	138	29800	150	1060	118	-10
7741871	323990	5433370	-1	7	-50	8	-5	-10	159	-5	6900	100	5800	990	68	300	150	496	11	12
7741872	323995	5433350	-1	27	-50	39	-5	-10	420	14	64800	350	29700	8550	1250	2700	600	2260	137	17
7741873	323600	5433400	-1	24	-50	37	-5	68	403	15	111000	100	22800	5300	197	750	2850	392	94	18
7741874	322880	5433620	-1	43	81	179	-5	34	283	6	47800	3800	18500	4520	401	7350	550	996	124	14
7741875	322890	5433630	-1	9	-50	74	-5	-10	97	-5	14200	50	6300	3490	72	200	50	360	30	-10
7741876	322580	5435800	-1	24	-50	40	-5	-10	906	25	215000	1050	20300	4070	33800	400	1000	765	93	19
7741877	322580	5435800	-1	32	-50	45	-5	-10	552	25	150000	350	15700	8270	22400	350	450	1350	102	59
7741878	322720	5435940	-1	11	-50	70	-5	-10	349	18	46000	250	29500	7510	1340	3900	200	1560	128	29



Pacific Nevada Mining Pty. Ltd.

PLATE 1	**EL 4/98 BALFOUR**
Date:7/6/1999	**Stream Sediment Sample Location Map**
Author: SW	
Office: TASMANIA	
Drawing:	
Scale: 1:25000	Projection: AMG Zone 55 (AGD 66)

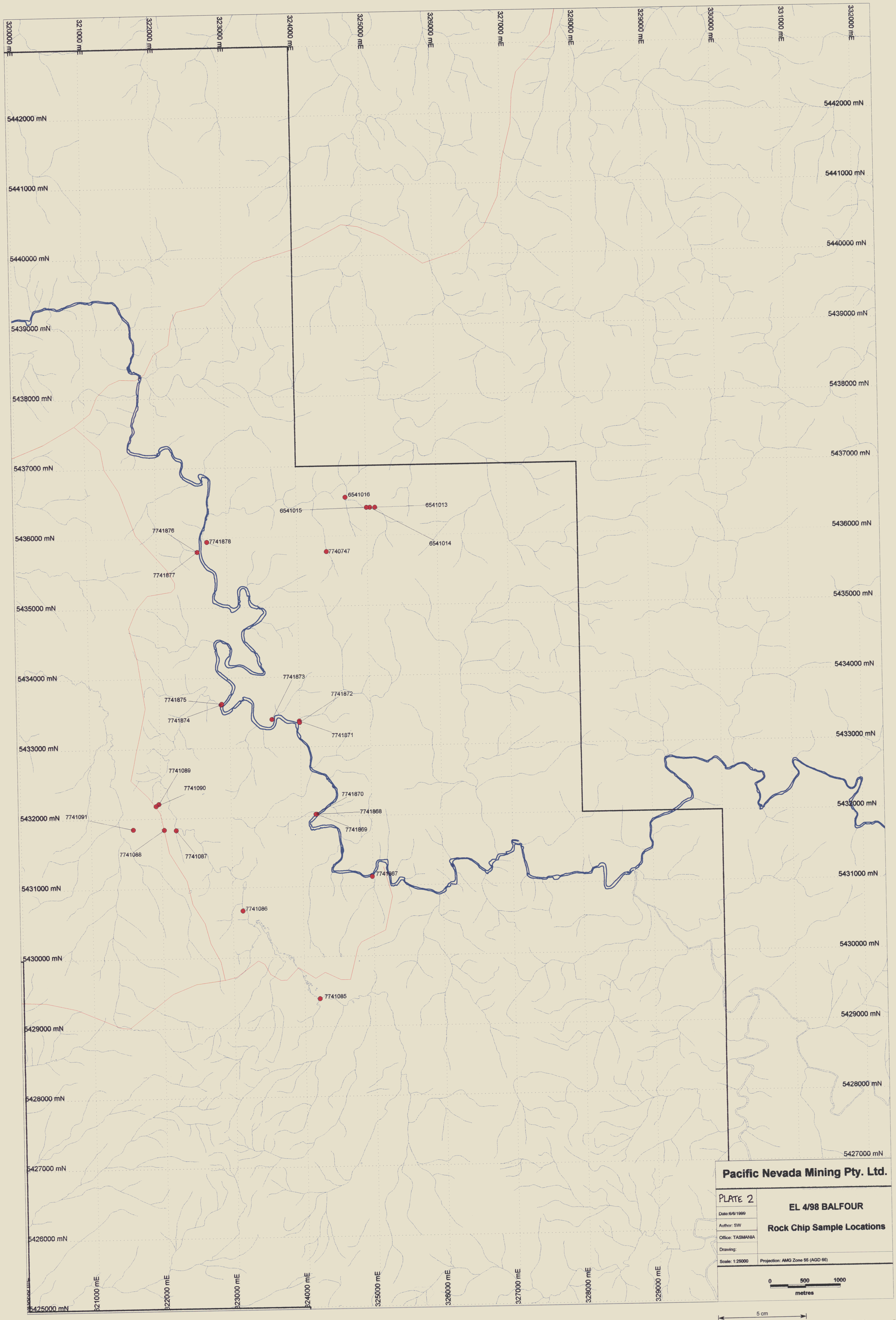
0 500 1000
metres

5 cm

593018

99_4346

REPORT ON EXPLORATION ACTIVITY 10/7/98-10/7/99 - EL 4/98 BALFOUR
Pacific Nevada Pty Ltd*
Westbrook, S. EL4/98



593019

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REPORT ON EXPLORATION ACTIVITY 10/7/98-10/7/99 - EL 4/98 BALFOUR
Pacific Nevada Pty Ltd*
Westbrook, S. EL4/98

Scale 1:50000

500 0 500 1000 1500 2000

metres

AGD66 / AMG zone 55

5 cm

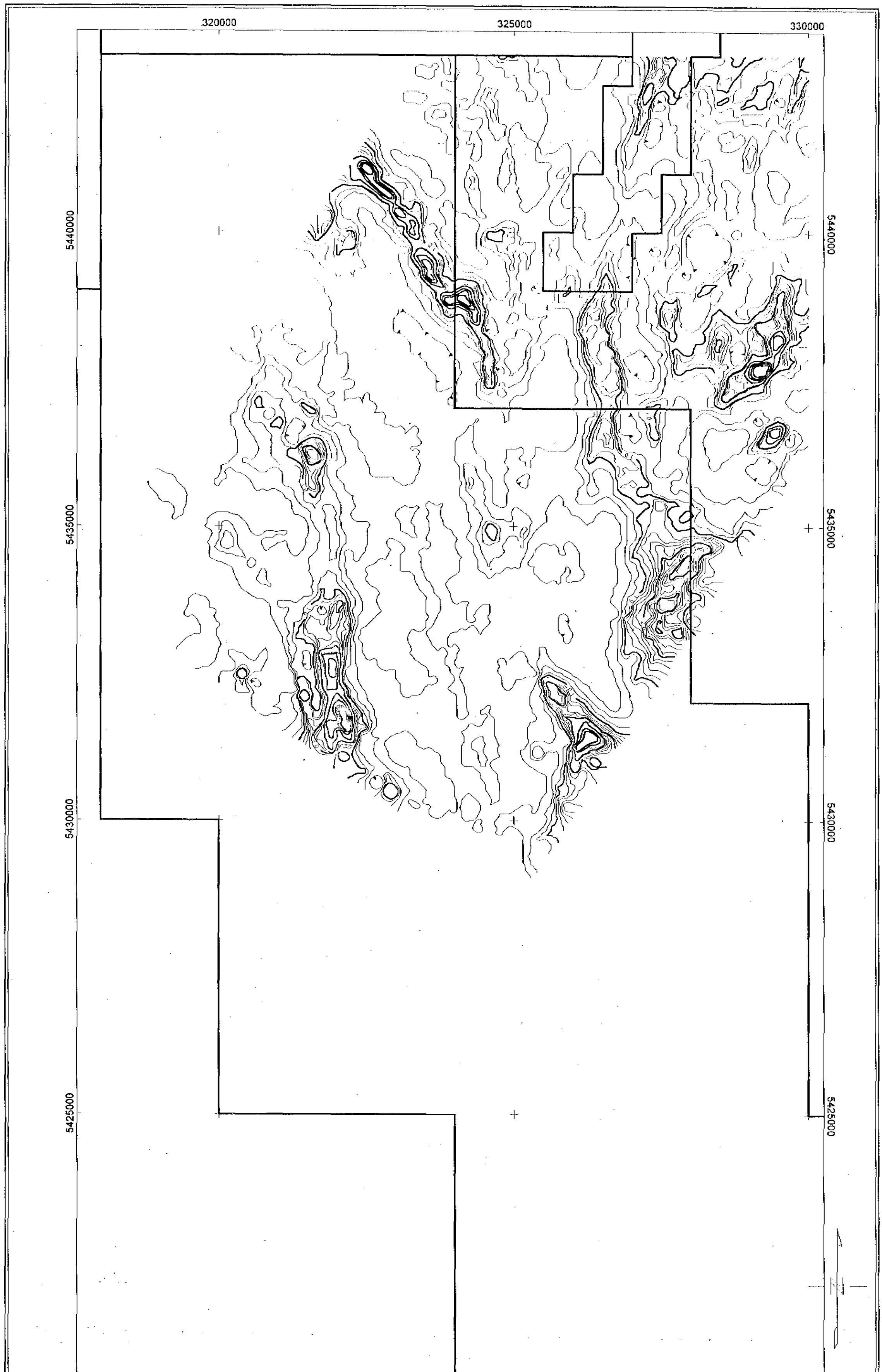
PACIFIC NEVADA MINING PTY LTD

BALFOUR EL 4/98, TASMANIA
DEATAILED AEROMAGNETIC SURVEY; UTS, 1998

TOTAL MAGNETIC INTENSITY CONTOURS
INTERVAL: 20,100nT

FLAGSTAFF GEOCONSULTANTS; NH; 7/99

PLATE 3



99_4346

REPORT ON EXPLORATION ACTIVITY 10/7/98-10/7/99 - EL 4/98 BALFOUR
Pacific Nevada Pty Ltd*
Westbrook, S. EL4/98

593021

Scale 1:50000

500 0 500 1000 1500 2000
metres
AGD66 / AMG zone 55

5 cm

PACIFIC NEVADA MINING PTY LTD

BALFOUR EL 4/98, TASMANIA
DEATAILED AIRBORNE EM SURVEY; UTS, 1998

APPARENT CONDUCTIVITY CONTOURS (3025Hz)
INTERVAL: 2,10,50 mS/m

FLAGSTAFF GEOCONSULTANTS; NH; 7/99

PLATE 24