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EXPLORATION LICENCE NO. 23/94
GREAT FORESTER RIVER, TASMANIA

ANNUAL REPORT 1994-1995

HERALD RESOURCES LTD
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GREAT FORESTER RIVER, TASMANIA

ANNUAL REPORT 1994-1995

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1.0 SUMMARY AND RECOMMENDATIONS

- Herald Resources Ltd took up EL 23/94 in order to explore for gold.
- The potential host rocks are in the Palaeozoic Mathinna Group, a folded sequence of turbiditic sandstone, siltstone and mudstone intruded by Devonian–Carboniferous granitoids. Gold may also occur in Cainozoic alluvials derived from these rocks.
- The likely styles of gold mineralisation in bedrock are quartz vein reefs, stockworks and sheeted vein systems.
- Regional stream sediment chemistry focussed attention on the old Forester goldfield where a combined arsenic and low order gold anomaly in soils was subsequently delineated and drilled. Very low gold values were returned.
- No further work is recommended in the Forester district. However, a small amount of follow-up work should be carried out on isolated base metal anomalies in streams elsewhere in the licence and on some geophysical sites.

2.0 INTRODUCTION

Herald Resources Ltd was attracted to north eastern Tasmania by the Tasmanian Government's NETGOLD promotion in 1994. The company took up three of the tenements offered by Mineral Resources Tasmania and obtained a fourth licence over an adjacent piece of ground (Fig. 1).

Work commenced in EL 23/94 in late 1994 and an annual report was due in the lead-up to renewal of the tenement on 28th October 1995. At that time Herald's substantial exploration effort had progressed to the drilling stage. Mineral Resources Tasmania was prepared to accept deferral of the report pending completion of the drilling and compilation of all results to hand.

Exploration Licence No. 23/94 is located in an area which includes natural forests, plantation forests and farmland. The area is readily accessible by all-weather unsealed roads.

3.0 TENEMENT INFORMATION

Exploration Licence:	23/94
Area:	248 square kilometres
Land District:	Dorset
Vicinity:	Great Forester River

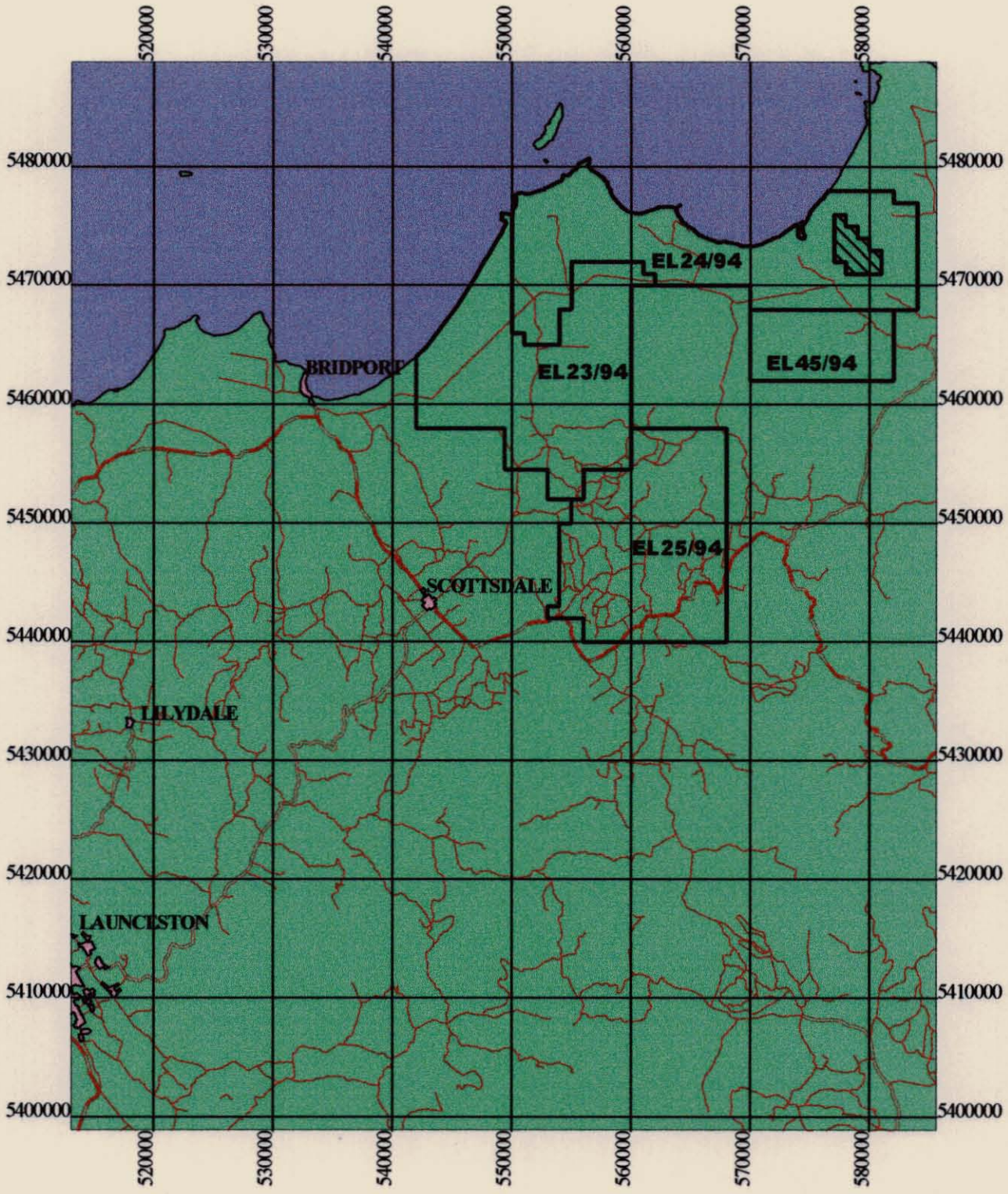

FIG. 1

Locations of mineral exploration licences held by Herald Resources Ltd. in North East Tasmania.

5 cm

Municipality: Dorset

Schedule:
Commencing at a southwest corner at grid coordinates 553000mE5452000mN thence grid north to 5454500mN grid west to 549400mE again grid north to 5458000mN again grid west to 542000mE again grid north to the High Water Mark on Anderson Bay on the North Coast of Tasmania by that High Water Mark in a general northeasterly direction to grid 550000mE grid south to 5466000mN grid east to 551000mE again grid south to 5465000mN again grid east to 554000mE again grid north to 5468000mN again grid east to 555000mE again grid north to 5472000mN again grid east to 561000mE again grid south to 5471000mN again grid east to 562000mE again grid south to 5470000mN again grid west to 560000mE again grid south to 5454500mN aforesaid again grid west to 556000mE again grid south to 5452000mN aforesaid thence again grid west to the point of commencement.

The area excludes: 0.1 square kilometre Crown Reserve and 82ha Mining Leases.

Exploration Licence No. 23/94 was granted from 28.10.94. The licence is one of Herald Resources Ltd's block of NETGOLD tenements which comprise EL 23/94, EL 24/94 and EL 25/94 (Fig. 1). EL 45/94 is a contiguous block which was taken up by the company at about the same time as the NETGOLD tenements but it has been relinquished (Turner, 1996).

4.0 PREVIOUS WORK

Small scale mining of gold bearing quartz vein lodes commenced in the Forester district in about 1922 (Bottrill, 1994). All the lodes are short structures of generally easterly trend (Blake, 1934; Plan 2). The Linton P.A. Mine gave the largest recorded production of 6.94kg. However, this mine is in ML64M/79 which is an enclave within EL 23/94. Consequently the mine is not covered by this report.

Outside of ML64M/79 the Imperial lode has a recorded production of 0.47kg but there is no record of the production from the Mt Horror lodes though stoping was carried out on at least the Mt Horror No. 1 lode. Grades of 19.3gpt and 6.2gpt have been returned in samples from the Mt Horror No. 1 lode, and a bulk grade of 23gpt was returned from the Imperial lode (Nye, 1933).

Bottrill (1994) summarises modern mineral exploration in the Forester district and surrounding region. Of interest is a programme by Goldfields Exploration Pty Ltd (Herrmann, 1987) in which the Mt Horror lodes and nearby road cuttings were investigated by mapping and rock chip sampling. Mullock from the Mt Horror No. 2 lode returned 1.81gpt gold. A 70–100mm thick vein in a road cutting returned 0.15gpt gold and 48gpt silver. Chip sampling and shallow diamond drilling of quartz veins in a locality some 3km SW of the Linton–Mt

Horror–Imperial lodes produced little of interest (Poltock, 1992).

The area occupied by EL 23/94 has been geologically mapped at a scale of 1:50,000 by the Geological Survey of Tasmania. There is recent aeromagnetic coverage (Richardson, 1994) and there is regional gravity coverage (see Leaman, 1994).

5.0 WORK CARRIED OUT BY HERALD RESOURCES LTD.

5.1 Regional geology

Herald's block of exploration licences comprising ELs 23, 24, 25, 45/94 are contained within the areas covered by the Ringarooma (Brown et al, 1977) and Boobyalla (Baillie et al, 1979) 1:50,000 geological map sheets. The regional geology for EL 23/94 is reproduced from these sources in Plan 1.

5.2 Regional geophysics

Public domain gravity and aeromagnetic data for Herald's ground were processed by Robert Richardson at Industry Safety and Mines, Hobart, and interpreted by David Leaman of Leaman Geophysics, Hobart. Details of the work are documented in a companion volume to this report (Leaman, 1994).

Trends were derived from residual aeromagnetics after continuation, from automatic gain control (AGC) aeromagnetics and aspect aeromagnetics, from plots of maximum slope of residual gravity and from aspect of regional gravity. These geophysical trends were compared with features evident in geological and topographic maps. The data were then assessed in terms of their possible relationships to known gold bearing areas in Herald's exploration licences.

5.3 Regional and follow-up stream sediment sampling

A programme of minus 80 mesh stream sediment sampling was carried out in streams draining the likely gold–bearing rocks, that is, the Mathinna Group. The preliminary sample density was a nominal three samples per square km but this was only achieved locally because of variation in stream density and definition. Where gold was detected by the preliminary survey there was a follow–up phase in which samples were collected at intervals of 250m along selected streams.

Altogether, 137 preliminary and 17 follow–up stream sediment samples were collected in EL 23/94 (Plan 1). These were analysed by Analabs Pty Ltd for Cu, Pb, Zn, Au and As (Appendix 1). Gold was analysed by fire assay of a 30gm charge giving a detection limit of 0.008ppm.

Histograms were drawn for around 350 analyses of each element from preliminary samples taken throughout Herald's tenements. They indicated that values of greater than about 40ppm for copper, 30ppm for lead and 140ppm for zinc are unusual in streams draining the Mathinna Group. In the case of arsenic a tiered effect becomes apparent when the results are plotted on maps. In most

areas the values are consistently below 10ppm whilst in some areas the values are commonly elevated to the range 10–25ppm. Values greater than 25ppm appear to be significantly anomalous. All gold values above the detection limit of 0.008ppm were treated as anomalous.

5.4 Local geology and rock chip sampling

Geological traversing during the course of Herald's programme in EL 23/94 was confined to areas of particular interest, most notably along the Linton Road near the Linton lease. During the traversing a total of 26 rock chip samples were collected (Appendix 3). The samples were analysed by Analabs Pty Ltd for Cu, Pb, Zn, Au and As (Appendix 4). Gold was analysed by fire assay of a 30gm charge giving a detection limit of 0.008ppm.

5.5 Soil sampling

Soil sampling was carried out in the area around the Linton lease, that is, ML64M/79 (Plan 2), with the aim of identifying the main mineralisation trend. It was convenient to sample along roads and tracks rather than on a grid because the directional variation introduced in this way aided in checking for both easterly and northerly trends.

A total of 161 soil samples were taken in EL 23/94. They were collected at depths of about 15cm in residual soils which mostly comprise sand, clay and subordinate, angular, weathered, bed-rock fragments. The samples were sieved through a mesh of about 1.5mm (kitchen strainer) and weighed approximately 0.5kg. They were analysed for Cu, Pb, Zn, Au and As by Analabs Pty Ltd (Appendix 2). Gold was analysed by the BLEG method after the samples had been pulverised. The detection limit for gold was 0.05ppb.

5.6 Percussion drilling

Two RC percussion drill holes were put down in EL 23/94. Both were into a soil anomaly on a track north of ML64M/79 (Plan 2). Diamond Drilling Tasmania Pty Ltd of Zeehan carried out the drilling using a TRC42 face sampling hammer on four inch Metzke rods driven by a UDR650 rig coupled to a 350psi, 900cfm Sullair compressor. The rig and compressor were mounted on separate tracked vehicles.

The drilling product of rock chips and dust was bagged at 1m intervals and the bagged material was sampled for analysis and logged (Appendix 5). The samples for analysis were collected by 'spearing'. They were analysed by Analabs Pty Ltd for Au and Ag. Gold assays were by fire assay of a 30gm charge giving an 0.008ppm detection limit. The detection limit for silver was 1ppm.

The two holes in EL 23/94 were each of 54m. Thus, a total of 108m was drilled, logged and sampled in the exploration licence .

5.7 GPS surveying

GPS positions for the percussion drill holes were determined by East Coast Surveying of St Helens using a Trimble Pathfinder detector linked to a Trimble

TDC1 data processor. The reduced data is shown in Plan 2 with an indicated accuracy of ± 3.6m for each of Easting, Northing and Geodetic Altitude. Comparison between GPS results and tape, compass and clinometer surveying in the Warrentinna area (EL 25/94) suggests that the indicated accuracy is optimistic.

5.8 Tertiary gravels

A shallow section in remnant, largely uncemented gravels of Tertiary age was sampled north of Oxberry Road (557300E545800N, Plan 1). Each sample comprised 27 loose litres of gravel and was derived from intervals representing about 1m of vertical section.

Each 27 litre sample was thoroughly disaggregated and panned down to a residue of some 200–300 grams. Analabs Pty Ltd analysed the residues for contained gold by the BLEG method without first pulverising them (Appendix 6). In this way the analysis measures the freely available gold that would mostly be separated in a mining operation based on gravity methods.

6.0 DATA AND DISCUSSION

6.1 Regional geological setting of Herald's tenements

6.1.1 Mathinna Group and granitoids

Most of the area held by Herald is underlain by a succession of sedimentary rocks called the Mathinna Beds or Mathinna Group (Plan 1). This sequence consists of medium–grained and fine–grained, poorly sorted, quartzose turbiditic sandstone and siltstone with interbedded dark grey, carbonaceous mudstone.

In the Lefroy area the Mathinna Group contains formations of Ordovician age but in Herald's tenements the rocks are probably all of Early Devonian age. The Mathinna Group is considered to be equivalent to similar rocks in the Melbourne Trough (Powell et al, 1993) which host much of Victoria's gold mineralisation.

The Mathinna Group experienced moderate deformation in Early to Middle Devonian times, was intruded by several granitoid phases in the Middle Devonian and later, and experienced a number of relatively mild deformations during and after granitoid emplacement (McClenaghan et al, 1982). Early folds in the Mathinna Group have dihedral angles of around 70º, steep axial surfaces and verge to the east. Fold axes plunge N–NNW or S–SSE at variable angles.

Later deformation caused local relative rotation of early fold hinges to north–easterly trends (megakinking) with still later overprinting by NNW trending, subvertical crenulation cleavage. Joints are ubiquitous and abundant in the Mathinna Group with the dominant set at a high angle to the early fold hinges.

The belt of Mathinna Group that extends through Herald's exploration licences from Branxholm to Waterhouse is a deep roof pendant between two granitoid batholiths, the Blue Tier Batholith to the east and the Scottsdale Batholith to the west. Hornblende–biotite granodiorite is an early granitoid phase in the nearby parts of each batholith, followed by biotite adamellite and alkali feldspar granite.

Thermal metamorphism by the granitoids produced cordierite–andalusite hornfels in contact zones of the Mathinna Group grading to spotted slates in distant parts of the metamorphic aureoles. The aureoles range from about 1km in width against steep contacts to about 5km in width against shallow contacts such as that at Mt Horror.

In the eastern part of EL 24/94 and in EL 45/94 there is a smaller belt of Mathinna Group which is similar to the Branxholm–Waterhouse belt. It is a roof pendant between the Blue Tier Batholith and the Eddystone Batholith to the north–east.

6.1.2 Late Palaeozoic to Cainozoic rocks

Elsewhere in north–eastern Tasmania the Mathinna Group is overlain by relatively undeformed, gently dipping Permo–Triassic strata which contain extensive sills and dykes of Jurassic dolerite. These rocks are poorly represented in Herald's tenements. Instead the Mathinna Group is overlain by dissected remnants of fluviatile gravel, sand and lignitic clay of Tertiary age. Basalt flows of Tertiary age overlie these sediments. Quaternary deposits of gravel, sand and lignitic clay in the coastal areas of EL 23/94 and EL 24/94 reflect changes in sea level during the Pleistocene.

6.1.3 Mineralisation

Tin, as cassiterite, and gold are the historically important mineral commodities in Herald's tenements. Alluvial cassiterite in the Tertiary deposits which mark the ancient course of the Ringarooma River near Branxholm and Derby in EL 25/94 has been the most important commodity. Smaller Tertiary tin deposits have been worked at The Banca in EL 25/94, near Boobyalla Plains in EL 24/94, and at The Monarch in EL 45/94. The cassiterite was mostly derived from primary vein and greisen deposits associated with alkali feldspar granite.

Gold is known more as a hardrock commodity than as an alluvial commodity though it was a by product of alluvial tin mining. It occurs in quartz veins of mesothermal type that are typical of many other turbidite–hosted gold lodes (Taheri and Bottrill, 1994). Most gold bearing veins in north–eastern Tasmania were formed from metamorphic fluids of deep seated origin. However, there are uncommon gold bearing veins such as those at Gorge Creek in EL 25/94 which also carry tin and tungsten and which have fluid

characteristics that indicate involvement of granite. There is little wallrock alteration associated with most of the gold bearing veins in north-eastern Tasmania.

The Lyndhurst and Southern Cross prospects (Waterhouse goldfield) in Herald's EL 24/94, the Linton and Mt Horror prospects (Forester goldfield) in EL 23/94, and the Warrentinna goldfield in EL 25/94 lie in a more-or-less linear belt which extends SSE through the auriferous areas around the Dan Rivulet, Alberton, Mathinna, Tower Hill and Mangana. There are marked differences of structural trend within the various areas but it is likely that their roughly linear distribution has a genetic significance.

6.2 Regional geophysical interpretation

In EL 23/94 the regional geophysical interpretation has highlighted an inferred N-S structure extending north and south of the Linton lease (Fig. 8 of Leaman, 1994). The structure contains a site of key interest near 557750E5454500N, some 300m south of the lease. There is a good correlation between the N-S geophysical structure and a weakly mineralised zone identified by soil sampling north and south of the lease (Plan 2). However, the key site has not been investigated in detail.

Another key geophysical site was identified at 556250E5460500N on Oxberry Plains. Because of extensive Quaternary cover the feature was not satisfactorily followed up.

Key sites at 552000E5459750N and 552000E5463500N form part of an inferred structure which extends north into EL 24/94 close to the Southern Cross and Lyndhurst workings. More is known of this structure in EL 24/94 and it is discussed in the report on that licence. No elevated stream sediment values were found in the vicinity of the structure in EL 23/94.

6.3 Regional stream sediment chemistry

Gold values of up to 1.53ppm and arsenic values of up to 263ppm were obtained in EL 23/94 just downstream of the Linton lease. These strongly anomalous results probably reflect tailings and run-off from the old workings.

A gold value of 0.009ppm at 558125E5456250N and values ranging 0.02-0.07ppm near 556000E 5457000N are away from known workings and are more likely to be natural values. Extra samples from around these anomalous localities did not increase their small size so further follow-up work was deferred pending the outcome of work in and around the Linton lease.

6.4 Local geology and rock chip chemistry

Fairly extensive cuttings along the Linton Road to the east of the Linton lease do not appear to contain structures which exactly match the generally easterly trending Linton and Mt Horror lodes. A fracture zone displaying shear and tension at 558050E5455725N has similar orientation to the lodes with strike of

65º and dip of 87ºSE. It contains up to 80mm of granular, limonitic, crudely banded grey quartz but no gold values were returned from either the quartz or adjacent materials (H046 to H051 – Appendix 3, 4). Possibly Hermann's (1987) values of 0.15gpt gold and 48gpt silver were returned from this locality.

Common lag of limonitic, crudely banded grey quartz occurs north of the Linton lease on a track in the pine forest around 557575E5455775N and on the Linton Road around 557525E5456050N. Quartz from the latter locality (H910) returned 0.16gpt gold whilst probable cataclasite returned 0.08gpt (H909). These occurrences suggest a northerly trend to the Linton mineralisation.

The quartz vein lode in the Mt Horror No. 1 workings is well exposed in the stope and winze which are readily accessible via the adit. The vein strikes 65º and dips 75ºSE. Its thickness ranges 8–15cm but in the short drive south of the adit it appears to lens out. There are a few thin veins in the first few centimetres of hanging wall but otherwise the contacts appear clean and without alteration. The quartz in the vein ranges from pale to dark grey and displays crude banding. It contains disseminated sulphide and returned 18.7gpt gold (H912).

6.5 Soil chemistry

Gold values in soil along the northerly trending section of the Linton Road east of the Linton lease (Plan 2) show no indication of underlying extensions of the easterly trending Linton and Mt Horror lodes. However, north of the lease there are soil anomalies on the Linton Road and on the track in the pine forest. There is also a soil anomaly on a fire break south of the lease. Thus, the implied overall trend of mineralisation appears to be northerly.

In general, the tenor of gold in the soil anomalies is very low (1.5–12ppb) but some relatively high values of around 100ppb were returned from the track in the pine forest north of the lease.

The pattern of gold values in soil is consistent with results from geological traversing and rock chip sampling in that each method indicates a northerly trend of mineralisation through the Linton lease. Arsenic values (Appendix 2) in soils display a northerly trend that closely matches the pattern of gold values.

6.6 RC percussion drilling

Drill holes put down into the soil anomaly on the track in the pine forest north of the Linton lease (Plan 2) were oriented to test the northerly trend of mineralisation. This was because the short, easterly trending lodes offer targets that are deemed to be too small to be of interest.

Drill hole LIN7R returned 5m at 0.24gpt and 2m at 0.31gpt whilst drill hole LIN8R returned a 4m composite of 0.15gpt (Appendix 5). These intersections are too narrow and too low-grade to be of further interest.

Interestingly, it seems that the value of gold in soil (max. 0.114gpt) is of the

same order as the value of gold in bedrock (max. 0.41gpt).

6.7 Tertiary gravel

The best value of contained gold in the 27 litre samples of Tertiary gravel from the gravel pit on Oxberry Road was 107.25 micrograms (Appendix 6). This translates to a grade of 0.004 grams per loose cubic metre, and compares with grades of 0.023gpt and 0.014gpt obtained from chip samples of the basal gravel (Appendix 3, 4). These values are considered too low to be of interest, even though screening of the gravel would substantially enhance the grade. The figure of 0.004 grams per cubic metre is similar to values reported by Munro (1982) from Tertiary gravel at Gellibrand Plains in EL 25/94, and is similar to values obtained by us in that area.

7.0 CONCLUSIONS

Even though the combined gold and arsenic stream sediment anomaly in the drainage below the Linton lease (ML64M/79) is probably partly artificial, it is the best anomaly identified in EL 23/94. It coincides with a combined arsenic and low order gold anomaly in soils which extends north and south of the Linton lease. This belt of anomalous soils matches a regional structure inferred from geophysical data.

East of the Linton lease the Mt Horror lodes and Imperial lode are not reflected in anomalous gold and arsenic values in the nearby streams though there is slight soil anomalism. This low overall order of anomalism is taken to indicate that the volume of mineralisation in and around these lodes is relatively small. Similarly, the small stream anomaly north west of the Linton lease is thought to reflect mineralisation of very limited extent.

Drilling on the best gold values (92.7ppb, 114ppb) in the soil anomaly north of the Linton lease returned low subsurface gold values of up to 0.24gpt, that is, values of similar order to the soil values. It is possible that the soil values relate to mineralisation in a thin E-W lode structure rather than the N-S structure that the drill holes were designed to test. Even if this is the case, the drill holes still demonstrate an absence of interesting grade plus volume combined.

There are a number of isolated, anomalous base metal values scattered through EL 23/94. None of these have been followed up. There are also several key sites identified in the regional geophysical interpretation which have not shown up as anomalous in the stream sediment survey but which should be checked out in a little more detail.

8.0 ENVIRONMENTAL MATTERS

No vegetation was cut during the exploration programme in EL 23/94 apart

from some approved clearing of the track north of the Linton lease, between the lease boundary and the drill sites. Nor were any earthworks carried out.

Bags of drilling product are currently stored at the drill sites. These will be disposed of in a manner approved by the regulatory authorities.

During the exploration programme Herald's field staff made a particular effort to personally inform private land holders about their activities.

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APPENDIX 1:

AMG LOCATIONS AND ANALYTICAL DATA FOR STREAM SEDIMENT SAMPLES - REFER TO PLAN 1

Analyst:	Analabs Pty Ltd 14 Thirkell Street Cooee Tasmania 7320
Analabs codes:	SR Prep: GP007, GP031, GP033 Cu, Pb, Zn/GA140, As/HA140 Au, Au(R)/GG309.

APPENDIX 1 EL23/94

AMG Locations and Analytical Data for Stream Sediment Samples- refer to PLAN1

Samp id	Easting	Northing	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As1	As50
H001	559430	5455620	11	11	35	-0.008	-0.008			9.45	9.45		
H002	559200	5455470	20	11	60	-0.008	-0.008			7.1	7.1		
H003	558960	5455100	15	14	77	-0.008	-0.008			5.5	5.5		
H004	557780	5455550	10	75	59	1.53	1.53			263			263
H005	557780	5455550	15	46	54	0.753	0.753			263			263
H006	558100	5455750	12	8	64	-0.008	-0.008			18.9	18.9		
H007	558100	5456100	8	5	50	-0.008	-0.008			4.9	4.9		
H008	557750	5455870	9	13	58	0.158	0.158			79.5	79.5		
H009	557180	5455800	7	8	62	-0.008	-0.008			3.5	3.5		
H010	556890	5455900	9	13	65	-0.008	-0.008			10.2	10.2		
H011	556600	5455950	7	6	55	-0.008	-0.008			5	5		
H012	557100	5456600	5	4	49	-0.008	-0.008	-0.008		2.4	2.4		
H013	557330	5457230	6	7	57	-0.008	-0.008			4.8	4.8		
H014	557560	5456430	9	9	56	0.038	0.038			14.2	14.2		
H015	558380	5456300	10	8	87	-0.008	-0.008			5.1	5.1		
H016	557970	5456850	7	4	67	-0.008	-0.008			4.3	4.3		
H017	557920	5457150	9	8	80	-0.008	-0.008			12.3	12.3		
H018	557850	5457520	4	3	49	-0.008	-0.008			3.8	3.8		
H019	558220	5458050	9	8	68	-0.008	-0.008			10	10		
H020	558180	5458350	6	6	51	-0.008	-0.008			3.8	3.8		
H021	558170	5458450	6	7	43	-0.008	-0.008			7.5	7.5		
H023	557550	5458000	4	6	51	-0.008	-0.008			15.4	15.4		
H024	556300	5457850	8	11	55	-0.008	-0.008			9	9		
H025	556200	5457850	6	4	44	-0.008	-0.008			7.4	7.4		
H026	555500	5458000	8	9	50	-0.008	-0.008			13	13		
H027	554950	5457600	8	9	50	-0.008	-0.008			3	3		
H029	556100	5457000	14	10	64	0.041	0.041			6.7	6.7		
H030	556200	5457000	8	4	47	-0.008	-0.008			3.7	3.7		
H031	555750	5456750	6	5	47	-0.008	-0.008			5.3	5.3		

APPENDIX 1 EL23/94

AMG Locations and Analytical Data for Stream Sediment Samples- refer to PLAN1

Samp id	Easting	Northing	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As1	As50
H032	555700	5456350	9	5	71	-0.008	-0.008			7.2	7.2		
H033	555800	5456350	6	4	52	-0.008	-0.008			4.6	4.6		
H034	557600	5458800	9	14	62	-0.008	-0.008			5.8	5.8		
H115	555950	5456900	9	7	42	0.012	0.012			21.9	21.9		
H116	555800	5456700	13	9	100	0.02	0.02			12.5	12.5		
H117	555900	5456750	8	7	40	0.07	0.07			6	6		
H118	556100	5457000	7	12	28	-0.008	-0.008			4	4		
H119	559430	5455620	16	12	134								
H144	558050	5456300	20	14	116	0.00899	0.00899			8.5	8.5		
H200	553900	5457800	95	13	246	-0.008	-0.008			13.3	13.3		
H201	553800	5457800	49	10	94	-0.008	-0.008			2.8	2.8		
H202	553700	5457800	13	13	47	-0.008	-0.008			4.2	4.2		
H203	553700	5458500	7	7	37	-0.008	-0.008			4.9	4.9		
H204	553700	5458700	8	8	43	-0.008	-0.008			4.7	4.7		
H205	553300	5459200	5	3	19	-0.008	-0.008			2.2	2.2		
H206	553400	5459300	4	5	39	-0.008	-0.008			2.1	2.1		
H207	554200	5458400	16	11	65	-0.008	-0.008			5.1	5.1		
H208	554200	5458300	10	6	41	-0.008	-0.008			8.8	8.8		
H209	554100	5456800	20	18	65	-0.008	-0.008			3.2	3.2		
H210	554100	5457000	9	9	40	-0.008	-0.008			1.9	1.9		
H211	554200	5456600	5	8	27	-0.008	-0.008			2.2	2.2		
H212	554100	5456100	7	10	23	-0.008	-0.008			2.7	2.7		
H213	554200	5456200	7	11	39	-0.008	-0.008			2.4	2.4		
H214	556600	5459700	6	5	38	-0.008	-0.008			3.5	3.5		
H215	556300	5458900	5	8	33	-0.008	-0.008			8.8	8.8		
H216	556400	5458900	9	9	40	-0.008	-0.008			8.9	8.9		
H217	557900	5458800	8	10	31	-0.008	-0.008			2.5	2.5		
H218	557900	5458700	7	9	41	-0.008	-0.008			10.8	10.8		
H219	555700	5458400	10	13	39	-0.008	-0.008			3.9	3.9		

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AMG Locations and Analytical Data for Stream Sediment Samples- refer to PLAN1

Samp id	Easting	Northing	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As1	As50
H225	555800	5453400	12	6	51	-0.008	-0.008			6.3	6.3		
H226	555900	5454500	15	8	103	-0.008	-0.008			13.6	13.6		
H227	556400	5455400	13	7	65	-0.008	-0.008			9.9	9.9		
H228	559800	5455400	7	15	26	-0.008	-0.008			3.1	3.1		
H229	559100	5454800	11	9	50	-0.008	-0.008			3.1	3.1		
H230	558800	5454700	13	9	47	-0.008	-0.008			22.4	22.4		
H232	558900	5454700	12	8	41	-0.008	-0.008			5	5		
H233	554200	5458600	13	13	55	-0.008	-0.008			12	12		
H238	555700	5452700	7	3	19	-0.008	-0.008			2.1	2.1		
H239	554700	5454000	15	16	117	-0.008	-0.008			4.7	4.7		
H240	554400	5454600	13	11	51	-0.008	-0.008			3	3		
H522	551100	5463600	10	7	23	-0.008	-0.008			4	4		
H523	551400	5462900	6	6	10	-0.008	-0.008	-0.008		1	1		
H524	551100	5463400	5	4	9	-0.008	-0.008			1.5	1.5		
H525	550900	5463800	23	8	18	-0.008	-0.008			3.5	3.5		
H526	552100	5464200	17	20	96	-0.008	-0.008			9.5	9.5		
H535	549100	5466900	13	23	31	-0.008	-0.008			19	19		
H536	549100	5466100	9	5	13	-0.008	-0.008			1	1		
H537	550300	5461400	11	4	20	-0.008	-0.008			3	3		
H538	549500	5461800	6	3	10	-0.008	-0.008			2	2		
H539	549100	5463200	15	33	259	-0.008	-0.008			2.5	2.5		
H540	549800	5463600	8	7	18	-0.008	-0.008			4.5	4.5		
H541	549600	5464800	15	4	16	-0.008	-0.008			9.5	9.5		
H542	549900	5464200	9	3	13	-0.008	-0.008			3	3		
H543	550300	5464100	10	13	17	-0.008	-0.008			10	10		
H545	552700	5461900	11	3	19	-0.008	-0.008			5	5		
H546	553900	5462800	8	-3	10	-0.008	-0.008			0.5	0.5		
H547	553300	5460600	6	10	44	-0.008	-0.008			5		5	
H548	553500	5460400	7	15	102	-0.008	-0.008			8		8	

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AMG Locations and Analytical Data for Stream Sediment Samples- refer to PLAN1

Samp id	Easting	Northing	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As1	As50
H549	553400	5460400	4	4	23	-0.008	-0.008			4.5		4.5	
H550	553300	5459700	6	8	28	-0.008	-0.008			3.5		3.5	
H551	553500	5460000	4	4	14	-0.008	-0.008			4		4	
H552	553800	5459600	8	4	27	-0.008	-0.008			6.5		6.5	
H553	555100	5460200	7	15	64	-0.008	-0.008			7		7	
H554	555200	5460300	11	9	62	-0.008	-0.008			4.5		4.5	
H555	555200	5460400	8	8	27	-0.008	-0.008			5		5	
H556	556100	5460600	8	16	28	-0.008	-0.008			5.5		5.5	
H578	556430	5460250	14	3	23	-0.008	-0.008			5		5	
H579	556450	5460130	7	10	57	-0.008	-0.008	-0.008		9.5		9.5	
H580	556750	5460100	9	11	41	-0.008	-0.008			8.5		8.5	
H581	556300	5460600	5	14	21	-0.008	-0.008			5.5		5.5	
H582	555100	5461100	18	21	24	-0.008	-0.008			5.5		5.5	
H583	554170	5460800	6	6	28	-0.008	-0.008			4.5		4.5	
H584	555170	5462350	6	9	30	-0.008	-0.008			3		3	
H585	555170	5462050	6	9	23	-0.008	-0.008			4		4	
H586	554600	5462800	4	4	17	-0.008	-0.008			6.5		6.5	
H587	554450	5462900	7	3	21	-0.008	-0.008			3		3	
H588	554450	5462800	4	4	12	-0.008	-0.008			4		4	
H589	554450	5465000	8	11	51	-0.008	-0.008	-0.008		7		7	
H590	554400	5465300	30	25	71	-0.008	-0.008			6		6	
H591	554300	5465370	13	10	29	-0.008	-0.008			4.5		4.5	
H592	554350	5465700	8	8	14	-0.008	-0.008			8		8	
H593	554370	5465950	4	-3	10	-0.008	-0.008			3		3	
H597	554220	5467050	11	35	48	0.016	0.016			8		8	
H598	554150	5467500	4	4	11	-0.008	-0.008			2.5		2.5	
H600	548600	5465600	11	5	20	-0.008	-0.008			4		4	
H601	548200	5465220	8	-3	21	-0.008	-0.008			4		4	
H602	549600	5466870	10	19	44	-0.008	-0.008			10.5		10.5	

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AMG Locations and Analytical Data for Stream Sediment Samples- refer to PLAN1

Samp id	Easting	Northing	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As1	As50
H603	549800	5467800	7	-3	33	-0.008	-0.008			6		6	
H604	549750	5468050	7	-3	31	-0.008	-0.008	-0.008		4		4	
H615	553750	5464500	6	-3	20	-0.008	-0.008			2		2	
H616	553550	5463370	7	16	29	-0.008	-0.008			3.5		3.5	
H617	553450	5463050	8	18	31	-0.008	-0.008			6.5		6.5	
H618	550950	5464720	3	6	14	-0.008	-0.008			2.5		2.5	
H619	553950	5461350	8	11	25	-0.008	-0.008			10		10	
H620	551650	5460120	6	30	31	-0.008	-0.008			5		5	
H621	551800	5459600	5	19	30	-0.008	-0.008			2.5		2.5	
H622	551800	5458400	4	9	30	-0.008	-0.008			4		4	
H623	552470	5457700	3	-3	13	-0.008	-0.008			2.5		2.5	
H624	557100	5459900	4	6	29	-0.008	-0.008			5		5	
H625	557100	5459800	4	14	23	-0.008	-0.008			2.5		2.5	
H626	554900	5460050	6	6	20	-0.008	-0.008			3.5		3.5	
H631	554770	5463070	13	10	50	-0.008	-0.008			3.5		3.5	
H632	558870	5455250	12	11	41	-0.008	-0.008			7.5	7.5		
H633	558600	5455120	18	10	42	-0.008	-0.008			14	14		
H634	558200	5455570	9	9	38	-0.008	-0.008			14.1	14.1		
H635	558350	5455550	14	10	47	-0.008	-0.008			12.2	12.2		
H838	557200	5455580	9	14	30	-0.008	-0.008			-0.5	-0.5		
H866	555250	5455850	12	10	37	-0.008	-0.008			24.3	24.3		
H867	555400	5455960	12	12	49	-0.008	-0.008			21	21		
H868	555550	5456120	10	3	31	-0.008	-0.008			12.7	12.7		
H869	555720	5456300	12	8	41	-0.008	-0.008			13.9	13.9		
H870	555780	5456520	27	3	22	-0.008	-0.008			12.2	12.2		
H871	555820	5456760	29	6	27	-0.008	-0.008			9.6	9.6		
H872	555790	5455540	24	12	46	-0.008	-0.008			15.6	15.6		
H873	555750	5455540	21	13	25	-0.008	-0.008			20.9	20.9		
H874	555750	5455750	20	10	33	-0.008	-0.008			15.2	15.2		

APPENDIX 1 EL23/94

AMG Locations and Analytical Data for Stream Sediment Samples- refer to PLAN1

Samp id	Easting	Northing	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As1	As50
H875	555780	5456000	18	10	28	-0.008	-0.008	-0.008		12.8	12.8		
H876	555790	5456250	16	7	24	-0.008	-0.008			9.6	9.6		
H877	555760	5456450	15	10	26	-0.008	-0.008		-0.008	11	11		
H878	555980	5456120	12	13	14	-0.008	-0.008			9.4	9.4		
H879	556260	5456230	11	10	20	-0.008	-0.008			7.2	7.2		
H880	556000	5456440	15	10	33	-0.008	-0.008			13.3	13.3		
H881	559950	5456600	16	17	34	-0.008	-0.008			8.4	8.4		
H882	559900	5456800	12	13	45	-0.008	-0.008			10	10		
H1208	554010	5467080	9	12	13	-0.008	-0.008			6.9	6.9		
H1211	554010	5467330	9	26	12	-0.008	-0.008			18.5	18.5		
UNITS			**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
DETEC. LIMITS			**2**	**3**	**2**		**0.008**	**0.008**	**0.008**		**0.5**	**1**	**50**

Any negative value indicates sample analysis below detection limits.

APPENDIX 2:

ANALYTICAL DATA FOR SOIL SAMPLES - REFER TO PLAN 2

Analyst:	Analabs Pty Ltd 14 Thirkell Street Cooee Tasmania 7320
Analabs codes:	SP Prep: GP033, GP031, GP007 Au/GG340 Cu, Pb, Zn/GA140 As/HA140, As/GA140.

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Analytical Data for Soil Samples- refer to PLAN 2.

Sample id	Cu	Pb	Zn	Au	As-av	As05	As50
H654	8	9	23	1.03	16	16	
H655	5	3	21	0.37	9	9	
H656	2	6	23	0.23	5	5	
H657	2	4	17	-0.05	5	5	
H658	5	6	38	0.39	14	14	
H659	4	7	32	0.1	32	32	
H660	-2	5	23	0.12	8	8	
H661	-2	8	23	0.05	4	4	
H662	-2	9	31	0.06	6	6	
H663	4	9	34	0.05	6	6	
H664	-2	8	27	22	6	6	
H665	-2	-3	29	0.29	13	13	
H666	-2	5	25	0.18	15	15	
H667	-2	8	36	0.78	30	30	
H668	-2	10	19	7.49	100		100
H669	5	11	42	1.41	27	27	
H670	4	8	45	0.53	11	11	
H671	12	5	32	0.29	7	7	
H672	2	7	73	0.27	12	12	
H673	10	3	33	0.97	16	16	
H674	20	10	44	0.07	8	8	
H675	16	11	47	0.19	12	12	
H676	6	9	28	0.36	7	7	
H677	3	5	24	0.21	3	3	
H678	9	9	16	0.32	17	17	
H679	8	-3	24	0.22	6	6	
H680	13	11	51	0.3	4	4	
H681	10	7	44	0.16	4	4	
H682	7	4	18	0.52	9	9	
H683	7	7	34	0.13	10	10	
H684	8	5	23	1.36	47	47	
H685	7	7	41	0.46	9	9	
H686	7	9	38	1.22	15	15	
H687	6	7	20	9.03	58		58
H688	8	-3	11	2.41	9	9	
H689	9	-3	14	0.44	9	9	
H690	8	8	39	23.8	82		82
H691	8	4	15	3.47	34	34	
H692	5	-3	14	1	8	8	

APPENDIX 2 EL23/94

Analytical Data for Soil Samples- refer to PLAN 2.

Sample id	Cu	Pb	Zn	Au	As-av	As05	As50
H693	4	7	22	1.88	34	34	
H694	4	3	18	0.18	12	12	
H695	6	3	52	-0.05	8	8	
H696	4	-3	12	1.15	4	4	
H697	5	-3	13	4	18	18	
H698	5	-3	21	0.82	23	23	
H699	9	8	24	0.19	5	5	
H700	11	4	24	0.36	9	9	
H701	13	9	106	0.36	11	11	
H706	12	6	94	0.47	5	5	
H707	5	4	7	0.43	7	7	
H708	6	8	28	0.69	21	21	
H709	5	9	12	0.33	13	13	
H710	4	7	8	2.81	210		210
H711	8	11	68	1.72	35	35	
H712	5	7	54	1.15	24	24	
H713	3	3	9	0.61	12	12	
H714	5	3	14	1.19	20	20	
H715	5	6	13	2.09	25	25	
H716	4	6	20	1.89	14	14	
H717	6	5	21	1.2	8	8	
H718	5	8	22	2.55	5	5	
H719	7	8	30	0.33	7	7	
H720	10	11	39	0.24	8	8	
H721	6	10	20	0.27	11	11	
H722	5	12	17	0.41	9	9	
H723	7	11	15	0.62	9	9	
H724	9	3	20	1.19	42	42	
H725	9	9	14	3.39	46	46	
H726	9	15	21	2.92	47	47	
H727	6	11	12	1.29	24	24	
H728	6	5	21	0.3	8	8	
H729	8	10	24	0.12	9	9	
H730	9	11	16	0.14	8	8	
H764	9	10	19	2.52	21	21	
H765	10	10	27	1.36	14	14	
H766	7	7	16	0.44	9	9	
H767	6	8	13	0.47	14	14	
H768	3	6	11	1.21	15	15	

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Analytical Data for Soil Samples- refer to PLAN 2.

Sample id	Cu	Pb	Zn	Au	As-av	As05	As50
H769	15	10	25	2.69	28	28	
H770	3	5	12	0.56	10	10	
H771	10	6	51	0.25	19	19	
H772	4	5	14	0.72	14	14	
H773	4	10	20	0.81	22	22	
H774	5	18	12	1.74	75		75
H775	5	8	11	0.67	16	16	
H776	2	-3	9	0.21	4	4	
H777	2	-3	12	0.85	5	5	
H778	3	6	18	0.41	7	7	
H1363	15	15	39	0.2	1.8	1.8	
H1364	13	18	42	0.24	5.1	5.1	
H1365	15	14	32	0.19	6	6	
H1366	14	10	32	0.08	3.1	3.1	
H1367	14	12	36	0.16	1.9	1.9	
H1368	9	11	32	0.12	0.6	0.6	
H1369	10	14	28	0.2	9.2	9.2	
H1370	12	15	24	0.44	20	20	
H1371	10	10	29	0.2	9.5	9.5	
H1372	11	13	39	0.2	23	23	
H1373	9	7	28	0.12	4.8	4.8	
H1374	11	5	34	0.16	11	11	
H1375	14	7	38	0.2	11	11	
H1376	12	11	40	0.21	9.9	9.9	
H1377	14	8	41	0.7	19	19	
H1379	21	11	43	1.91	37	37	
H1380	19	5	36	4.48	108		108
H1381	14	4	20	11	68		68
H1382	12	6	35	1.24	32	32	
H1383	13	-3	36	2.19	42	42	
H1384	32	7	56	0.34	9.4	9.4	
H1385	20	3	43	1.84	42	42	
H1386	18	15	44	0.19	6.5	6.5	
H1387	17	14	52	0.16	5.9	5.9	
H1388	13	13	31	0.15	6.9	6.9	
H1389	11	12	26	0.25	8.4	8.4	
H1390	10	10	21	0.43	6.5	6.5	
H1391	9	7	20	0.24	10	10	
H1392	9	8	15	0.12	4.6	4.6	

APPENDIX 2 EL23/94

Analytical Data for Soil Samples- refer to PLAN 2.

Sample id	Cu	Pb	Zn	Au	As-av	As05	As50
H1393	6	6	17	0.28	13	13	
H1394	6	7	17	0.36	11	11	
H1395	10	7	21	0.56	22	22	
H1396	12	10	40	0.36	9.8	9.8	
H1397	12	11	29	0.44	21	21	
H1398	12	8	27	0.47	15	15	
H1399	9	11	16	3.76	93		93
H1400	12	8	15	0.72	108		108
H1401	7	3	11	0.96	61		61
H1402	13	5	17	0.92	37	37	
H1403	7	-3	40	0.92	26	26	
H1404	7	-3	19	1.44	26	26	
H1405	10	10	17	1.28	30	30	
H1406	11	34	15	2.04	122		122
H1407	8	11	11	1.96	45	45	
H1408	7	8	13	1.96	37	37	
H1409	9	16	17	6.68	71		71
H1409B	8	5	12	1.12	29	29	
H1416	9	13	22	0.37	38	38	
H1417	16	12	22	-0.05	12	12	
H1418	10	6	21	0.08	8	8	
H1424B	12	18	18	92.7	85		85
H1425	8	5	13	4.08	20	20	
H1427	5	7	13	1.16	14	14	
H1428	7	8	14	2.4	10	10	
H1429	7	8	18	1.38	28	28	
H1429B	8	7	15	1.92	25	25	
H1430	6	4	12	0.86	9.7	9.7	
H1431	8	9	20	0.42	7.8	7.8	
H1432	9	11	19	0.97	9.4	9.4	
H1873A	6	17	20	0.93	21	21	
H1874	8	29	24	22.5	1	1	
H1875	7	25	32	0.73	4	4	
H1876	6	24	25	0.17	13	13	
H1877	4	23	30	0.41	13	13	
H1878	8	19	26	0.55	15	15	
H1879	8	25	27	2.36	10	10	
H1880	5	13	23	2.27	10	10	
H1881	6	17	27	1.38	24	24	

APPENDIX 2 EL23/94

Analytical Data for Soil Samples- refer to PLAN 2.

Sample id	Cu	Pb	Zn	Au	As-av	As05	As50
H1882	6	20	31	2.32	32	32	
H1883	5	134	33	2.05	16	16	
H1884	7	25	27	4.32	108		108
H1885	4	14	26	2.63	7	7	
H1998	5	5	19	7.92	3	3	
H1999	8	18	22	11.9	36	36	
H2000	13	25	26	114	329		329
UNITS	**ppm**	**ppm**	**ppm**	**ppb**	**ppm**	**ppm**	**ppm**
DETEC. LIMITS	**2**	**3**	**2**	**0.05**		**0.5**	**50**

Any negative value indicates sample analysis below detection limits.

APPENDIX 3:

AMG LOCATIONS AND DESCRIPTIONS OF ROCK CHIP SAMPLES COLLECTED IN EL 23/94

Sample ID	Easting	Northing	Description
H022	558175	5458450	Quartz, granular, minor feldspar, rock fragments.
H028	554850	5457550	Quartz, pale, cellular limonite in fractures.
H035	557375	5458350	Tertiary lithic conglomerate, pebbly, clayey.
H036	"	"	Tertiary lithic conglomerate, pebbly, clayey.
H037	558175	5555125	Quartz, pale, massive, sparse limonite seams.
H038	558175	5555175	Quartz, pale, massive.
H039	558175	5555225	Quartz, pale, massive.
H040	558175	5555300	Quartz, pale, massive, limonite after ? silicate, sulphide.
H041	"	"	Quartz, pale, granular, sparse limonite seams.
H042	558125	5555500	Sandstone, stockwork of limonite seams.
H043	"	"	Quartz, pale, granular, limonite seams.
H044	558100	5555650	Sandstone, stockwork of white, granular quartz.
H045	558075	5555750	Sandstone, stockwork of white, granular quartz.
H046	"	"	Quartz, pale, massive, limonite median seam.
H047	"	"	Quartz, pale, granular, vughs, banding.
H048	"	"	Sandstone, crumbly, ? altered.
H049	"	"	Clayey pug, white, ? alteration.
H050	"	"	Quartz, dark grey, granular, limonite, banding.
H051	"	"	Sandstone, ? altered, limonite on fractures.
H186	554250	5459575	Quartz, pale, massive, limonite after ? silicate.
H194	551100	5464000	Quartz, pale to dark grey, granular, limonite, fragments.
H195	551675	5463175	Quartz, pale, granular.
H908	558300	5455175	Quartz, pale, massive, limonite seams.
H909	557525	5456050	Quartz, grey, granular, limonite seams.
H910	"	"	Sheared country rock with boudinaged quartz veins.
H912	558450	5455350	Mt Horror No 1, quartz, pale, banded, sulphide.

APPENDIX 4:

ANALYTICAL DATA FOR ROCK CHIP SAMPLES

Analyst:	Analabs Pty Ltd 14 Thirkell Street Cooee Tasmania 7320
Analabs codes:	RC Prep: GP032 Cu, Pb, Zn/GA140 Au, Au(R), Au(S)/GG309 As/HA140, As/GA140, As/GA104.

APPENDIX 4 EL23/94

Analytical Data for Rock Chip Samples

Samp id	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As50
H022	8	3	36	-0.008	-0.008	-0.008		2.1	2.1	
H028	4	-3	36	-0.008	-0.008			3.9	3.9	
H035	-2	7	31	0.023	0.023			3.8	3.8	
H036	2	8	30	0.014	0.014			3.7	3.7	
H037	28	25	147	0.025	0.025			5	5	
H038	14	8	45	-0.008	-0.008			3.8	3.8	
H039	17	11	77	-0.008	-0.008			6.4	6.4	
H040	13	5	55	-0.008	-0.008			2	2	
H041	24	22	68	0.037	0.037			206		206
H042	18	43	59	-0.008	-0.008			33.5	33.5	
H043	13	3	47	-0.008	-0.008			30.5	30.5	
H044	17	17	57	-0.008	-0.008			18.6	18.6	
H045	13	5	62	-0.008	-0.008			11.3	11.3	
H046	51	3	70	-0.008	-0.008			122		122
H047	22	3	51	-0.008	-0.008			26.3	26.3	
H048	14	10	46	-0.008	-0.008	-0.008	-0.008	21.2	21.2	
H049	32	13	65	-0.008	-0.008			108		108
H050	17	3	56	-0.008	-0.008			21.6	21.6	
H051	28	10	67	-0.008	-0.008			37.2	37.2	
H052	16	19	43	-0.008	-0.008			230		230
H186	12	16	10	0.028	0.028			60		60
H194	3	-3	9	0.03	0.032		0.028	9.9	9.9	
H195	15	15	42	0.083	0.083			22.5	22.5	
H908	13	7	82	-0.008	-0.008	-0.008		15	15	
H909	17	13	76	0.08	0.08			30	30	
H910	23	46	56	0.16	0.16			26	26	
H912	18	119	58	18.7	18.7			3720		3720
UNITS	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
DETEC. LIMITS	**2**	**3**	**2**		**0.008**	**0.008**	**0.008**		**0.5**	**50**

APPENDIX 5:

LOGS FOR RC PERCUSSION DRILLING
Part 1: Code
Part 2: Logs

Analyst: Analabs Pty Ltd
14 Thirkell Street
Cooee
Tasmania 7320

Analabs codes: PD Prep: GP032
Ag/GA140
Au, Au(R), Au(S)/GG309.

714036

SCOTTSDALE PROJECT
PERCUSSION DRILL LOG CODES

COLUMN NUMBERS		DESCRIPTION	CODES
		INTERVAL/MATERIAL	
1–5	From	Depth at start – to nearest cm. of interval	
6–10	To	Depth at end – to nearest cm. of interval	
11–13	Length	Length of interval – to nearest cm.	
		LITHOLOGY	
14	Stratigraphic Sequence	Regolith	0
		Mathinna Beds	1
		Devonian Granitoids	2
		Tertiary Sediments	3
		Tertiary Basalt 4	
15–16	Rock Unit		
17–18	Rock Type	Regolith	R
		Clay after Mathinna Beds	Y
		Sandstone/psammite	S
		Siltstone/pelite	L
		Shale/phyllite	P
		Conglomerate/gravel	C
		Granitoid	G
		Basalt	B
		Quartz–massive	Q
		Old mullock dump material	W
		Void, cavity, stope	H

SCOTTSDALE PROJECT
PERCUSSION DRILL LOG CODES

COLUMN NUMBERS	DESCRIPTION		CODES
19–20	Colour	any combination of the following	
		Banded/variegated	A
		Mottled/limonitic	E
		Buff	F
		Tan	T
		Orange	O
		Olive	V
		Olive–grey	U
		Grey	G
		Green	R
		White	W
		Beige	I
		Dark	D
		Light	L
		Medium	M
		Black	B
21–22	Texture	any combination of the following	
		Clastic	C
		Aphanitic	A
		Felsitic	F
		Porphyritic	P
		Granitoidal	G
		Gabbroidal	D
		Ophitic	O
		Lepidoblastic	L
		Nematoblastic	N
		Porphyroblastic	B
		Massive	M
		Cryptocrystalline	Y
		Biomicritic	I
		Biosparitic	S
		Laminated	T
23	Grain Size	Very fine (invisible)	0
		Fine (invisible–0.25mm)	1
		Medium (0.25mm – 0.5mm)	2
		Coarse (0.5mm – 2mm)	3
		Very coarse (>2mm)	4

SCOTTSDALE PROJECT
PERCUSSION DRILL LOG CODES

COLUMN NUMBERS	DESCRIPTION		CODES
24	Weathering/ oxidation	Extremely – soft clay	0
		Highly – harder clay	1
		Moderately – semi–competent	2
		Weakly – hard rock with weathered veins and joints	3
		Slightly – oxidation on fractures	4
		Fresh – no oxidation	5
		ALTERATION MINERALOGY	
25–28	Quartz vein type	Quartz 1 – massive milky, bucky	
		Quartz 2 – massive milky with sulphide or gossan	
		Quartz 3 – grey laminated	
		Quartz 4 – brecciated	

SCOTTSDALE PROJECT
PERCUSSION DRILL LOG CODES

COLUMN NUMBERS	DESCRIPTION		CODES
		MINERALOGY	
25–43	Alteration Minerals Percentage	Trace	T
		1 – 9	as is
		10–14	A
		15–19	B
		20–29	C
		30–39	D
		40–49	E
		50–59	F
		60–69	G
		70–79	H
		80–89	I
		90–100	J
44,46	Visible gold grain size	Very, very fine (only visible with lens)	0
		Very fine (0.01mm – 0.1mm)	1
		Fine (0.1mm – 0.25mm)	2
		Medium (0.25mm – 0.5mm)	3
		Coarse (0.5mm – 1.0mm)	4
		Very coarse (>1mm)	5
45,47	Visible gold Frequency	See codes 25–43	

SCOTTSDALE PROJECT
PERCUSSION DRILL LOG CODES

COLUMN NUMBERS	DESCRIPTION		CODES
		ASSAYS	
49–52	Sample No	Digits only prefix omitted (PRL)	1 – 9999
53–55	Assay interval	from)	NB hundreds and tens
56–58	Assay interval	to)	of metres assumed
59–62	Gold in assay in ppm	To 2 decimal places, average of all assays	
63	Number of gold assays	NB S = screen fire assay	1–9
64–67	Silver assay in ppm	To 1 decimal place	

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	FORESTER ANOMALY	DRILL HOLE NO.	LIN 7R
COLLAR CO-ORDINATES	557593·7mE 5455773·3mN	RL	180·1m	GRID NAME	
		HOLDER	HERALD	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	LINTON AREA, FORESTER
TENEMENT	EL 23/94			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	271°T ~~(Mag.)~~ (Grid)				

OBJECTIVES/RESULTS/COMMENTS: TEST FORESTER PLANTATION SOIL ANOMALY ON TRACK N. OF LINTON LEASE.

COLLAR INCLINATION	50°					DOWN-HOLE SURVEY RESULTS (Mag//Grid)
TOTAL LENGTHS	54m	DRILLING TYPE	FROM	TO	HOLE/CORE DIAM	
DRILLING CONTRACTOR	DIAMOND DRILLING TAS. P/L	RC	0	54	4 inch	
RIG TYPE	UDR650					
COMMENCED	5·10·95					
COMPLETED	5·10·95					
LOGGED BY	N.J. Turner					
LOGGING DATE	19·2·96					

214041

HERALD RESOURCES LTD.

SCOTTSDALE PROJECT

DEPOSIT NAME FORESTER ANOMALY HOLE No. LIN 7 R

CODED BY NJT DATE 19-2-96

INTERVAL			LITHOLOGY						MINERALOGY																								ASSAYS						REMARKS
									ALTERATION/VEIN																				VIS. GOLD											
FROM	TO	RECOVERY	STRAT_SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15	16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
10	11	.	0		R	N		4	C																								3617	0	1	.212	1	12	
11	12	.	1		S	F	M	C	2	2																							3618	1	2	.110	1	11	
12	13	.	1		S	F	M	C	2	2																							3619	2	3	.017	1	12	
13	14	.	1		S	F	M	C	2	2	T																						3620	3	4	.017	1	12	
14	15	.	1		S	F	M	C	2	2	✓																						3621	4	5	.017	1	11	
15	16	.	1		S	F	M	C	2	2																							3622	5	6	.015	1	12	
16	17	.	1		S	F	M	C	2	2																							3623	6	7	.014	1	11	
17	18	.	1		S	F	M	C	2	2																							3624	7	8	.114	2	11	
18	19	.	1		S	F	M	C	2	2	T																						3625	8	9	.014	1	11	
19	10	.	1		S	F	M	K	2	3	A																						3626	9	0	.312	1	11	
110	111	.	1		S	F	G	M	C	2	3	C																					3627	0	1	.215	1	12	
111	112	.	1		L	S	F	G	M	C	1	3																					3628	1	2	.212	1	12	
112	113	.	1		L	F	G	M	C	1	3	T																					3629	2	3	.118	1	12	
113	114	.	1		L	F	G	M	C	1	3																						3630	3	4	.112	1	12	
114	115	.	1		L	F	G	M	C	1	3																						3631	4	5	.013	1	11	
115	116	.	1		L	F	G	V	C	1	3																						3632	5	6	.022	2	11	
116	117	.	1		L	F	G	V	C	1	3																						3633	6	7	.022	1	12	
117	118	.	1		L	F	G	V	C	1	3																						3634	7	8	.016	1	12	
118	119	.	1		L	F	G	V	C	1	3																						3635	8	9	.012	1	12	
119	120	.	1		L	F	G	M	C	1	3	B					T																3636	9	0	.014	1	11	
120	121	.	1		L	E	G	M	C	1	4																						3637	0	1	.011	1	11	
121	122	.	1		S	E	G	M	C	2	4																						3638	1	2	.014	1	11	
122	123	.	1		S	E	G	M	C	2	4																						3639	2	3	.212	1	11	
123	124	.	1		S	E	G	M	C	2	4																						3640	3	4	.412	1	11	

HERALD RESOURCES LTD
SCOTTSDALE PROJECT

DEPOSIT NAME: FORESTER ANOMALY HOLE No. LIN 7R

CODED BY: NJT DATE: 19.2.96

INTERVAL FROM	INTERVAL TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE	VIS. GOLD TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	REMARKS
24·	25·	·	1		LS	EG	MC	1	4																					3701	4·	5·	·03	1	1·	
25·	26·	·	1		S	EG	MC	2	4																					3702	5·	6·	<·01	1	1·	
26·	27·	·	1		LS	G	MC	1	5																					3703	6·	7·	<·01	1	1·	
27·	28·	·	1		LS	G	MC	1	5																					3704	7·	8·	·05	1	1·	
28·	29·	·	1		S	G	MC	2	5	T																				3705	8·	9·	·04	1	1·	
29·	30·	·	1		LS	G	MC	1	5	√																				3706	9·	0·	·03	1	1·	
30·	31·	·	1		S	EG	MC	2	4																					3707	0·	1·	<·01	1	1·	
31·	32·	·	1		LS	EG	MC	1	4			√					T													3708	1·	2·	·05	1	2·	
32·	33·	·	1		S	EG	MC	2	4																					3709	2·	3·	·04	2	1·	
33·	34·	·	1		S	EG	MC	2	4	√																				3710	3·	4·	·02	1	1·	
34·	35·	·	1		S	G	MC	2	5																					3711	4·	5·	<·01	1	1·	
35·	36·	·	1		LS	EG	MC	1	4	T																				3712	5·	6·	·04	1	2·	
36·	37·	·	1		L	EG	VC	1	4	T																				3713	6·	7·	·01	1	2·	
37·	38·	·	1		L	EG	VC	1	4																					3714	7·	8·	<·01	1	1·	
38·	39·	·	1		LS	G	MK	1	5	T																				3715	8·	9·	<·01	1	1·	
39·	40·	·	1		S	G	MC	2	5																					3716	9·	0·	·01	1	1·	
40·	41·	·	1		LS	G	MC	1	5	B									T											3717	0·	1·	·01	1	2·	
41·	42·	·	1		LS	G	MC	1	5	B									T											3718	1·	2·	·02	1	1·	
42·	43·	·	1		LS	G	MC	1	5																					3719	2·	3·	·01	1	1·	
43·	44·	·	1		S	G	MK	2	5																					3720	3·	4·	<·01	1	2·	
44·	45·	·	1		LS	G	MC	1	5																					3721	4·	5·	·01	1	2·	
45·	46·	·	1		S	G	MC	2	5										T											3722	5·	6·	·02	1	2·	
46·	47·	·	1		S	G	MC	2	5										T											3723	6·	7·	·07	2	1·	
47·	48·	·	1		LS	G	MC	1	5										T											3724	7·	8·	<·01	1	2·	

HERALD RESOURCES LTD
SCOTTSDALE PROJECT

DEPOSIT NAME: FORESTER ANOMALY   HOLE No. LIN 7R

CODED BY: NJT   DATE: 19.2.96

INTERVAL FROM	INTERVAL TO	RECOVERY	STRAT SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	MnOX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE	VIS. GOLD TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	REMARKS
48.	49.	.	1		LS	G	MC	1	5										T											3725	8.	9.	<.01	1	5.	
49.	50.	.	1		S	G	MC	2	5																					3726	9.	0.	<.01	1	1.	
50.	51.	.	1		S	G	MC	2	5	T																				3727	0.	1.	.01	1	1.	
51.	52.	.	1		S	G	MC	2	5	T																				3728	1.	2.	.01	1	1.	
52.	53.	.	1		S	G	MK	2	5			T																		3729	2.	3.	<.01	1	1.	
53.	54.	.	1		S	G	MK	2	5			✓							T											3730	3.	4.	.01	1	1.	

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	FORESTER ANOMALY	DRILL HOLE NO.	LIN 8 R
COLLAR CO-ORDINATES	557611.5mE 5455757.6mN	RL	169.8 m	GRID NAME	
		HOLDER	HERALD	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	LINTON AREA, FORESTER
TENEMENT	EL 23/94			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	270°T ~~(Mag.)~~ (Grid)				

OBJECTIVES/RESULTS/COMMENTS: TEST FORESTER PLANTATION SOIL ANOMALY ON TRACK N. OF LINTON LEASE.

COLLAR INCLINATION	50°					DOWN-HOLE SURVEY RESULTS (Mag//Grid)
TOTAL LENGTHS	54m	DRILLING TYPE	FROM	TO	HOLE/CORE DIAM	
DRILLING CONTRACTOR	DIAMOND DRILLING TAS. P/L.	RC	0	54	4 inch	
RIG TYPE	UDR 650					
COMMENCED	5.10.95					
COMPLETED	5.10.95					
LOGGED BY	N.J. Turner					
LOGGING DATE	19.2.96					

HERALD RESOURCES LTD
SCOTTSDALE PROJECT

DEPOSIT NAME: FORESTER ANOMALY   HOLE No.: LIN 8R
CODED BY: NJT   DATE: 19.2.96

INTERVAL FROM	INTERVAL TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	LIMONITE	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	REMARKS
0.	1.	.	0		R	N			0					4666	0.	4.	.02	1	1.	
1.	2.	.	1		S	F	MC	2	0	✓										
2.	3.	.	1		S	F	MC	2	0	✓										
3.	4.	.	1		S	F	MC	2	0	T										
4.	5.	.	1		S	F	MC	2	0	✓				4667	4.	8.	.03	1	1.	
5.	6.	.	1		S	F	MC	2	1	✓										
6.	7.	.	1		S	F	MC	2	1	C										
7.	8.	.	1		S	F	MC	2	3											
8.	9.	.	1		S	F	MC	2	3					4668	8.	12	.02	1	1.	
9.	10.	.	1		S	FG	MC	2	3											
10.	11.	.	1		LS	FG	MC	1	3											
11.	12.	.	1		LS	FG	MC	1	3			B								
12.	13.	.	1		LS	FG	MC	1	3					4669	12	16	.02	1	1.	
13.	14.	.	1		LS	FG	MC	1	3	T										
14.	15.	.	1		LS	FG	MC	1	3	T										
15.	16.	.	1		S	FG	MC	2	3											
16.	17.	.	1		S	FG	MC	2	3					4670	16	20	.04	1	1.	
17.	18.	.	1		S	FG	MC	2	3	T										
18.	19.	.	1		S	FG	MC	2	3											
19.	20.	.	1		S	FG	MC	2	3											
20.	21.	.	1		S	FG	MC	2	3		✓		T	4671	20	24	.03	1	1.	
21.	22.	.	1		LS	EG	MC	1	4											
22.	23.	.	1		LS	EG	MC	1	4											
23.	24.	.	1		LS	EG	MC	1	4											

714046

HERALD RESOURCES LTD.

SCOTTSDALE PROJECT

DEPOSIT NAME FORESTER ANOMALY HOLE No. LIN 8 R

CODED BY NJT DATE 19.2.96

INTERVAL			LITHOLOGY							MINERALOGY																								ASSAYS						REMARKS
										ALTERATION/VEIN																	VIS. GOLD													
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	M-OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE				TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
124	125	.	I		LS	NG	M	C	1	2																						4612	24	28	.02	1	11	
125	126	.	I		LS	FG	M	C	1	3																													
126	127	.	I		LS	FG	M	C	2	3																													
127	128	.	I		LS	FG	M	C	2	3																													
128	129	.	I		LS	FG	M	C	2	3	✓						T															4613	28	32	.02	2	12	
129	130	.	I		LS	FG	M	C	2	3																													
130	131	.	I		L	G	V	C	1	5																													
131	132	.	I		L	G	V	C	1	5																													
132	133	.	I		L	G	V	C	1	5																						4614	32	36	.02	1	11	
133	134	.	I		LS	G	M	C	1	5																													
134	135	.	I		LS	G	M	C	1	5	T																												
135	136	.	I		LS	G	M	C	1	5	T																												
136	137	.	I		L	G	V	C	1	5	T																					4615	36	40	.02	1	11	
137	138	.	I		LS	G	M	C	1	5	✓																												
138	139	.	I		LS	G	M	C	1	5																													
139	140	.	I		LS	G	M	C	1	5																													
140	141	.	I		S	G	M	C	2	5	T																					4616	40	44	.05	1	11	
141	142	.	I		S	G	M	C	2	5	T																												
142	143	.	I		S	G	M	C	2	5																													
143	144	.	I		S	G	M	C	2	5																													
144	145	.	I		S	G	M	C	2	5		T							T													4617	44	48	.15	1	12	
145	146	.	I		S	G	M	C	2	5																													
146	147	.	I		S	G	M	C	2	5			T																										
147	148	.	I		S	G	M	C	2	5																													

HERALD RESOURCES LTD

SCOTTSDALE PROJECT

DEPOSIT NAME FORESTER ANOMALY HOLE No. LIN 8R

CODED BY NST DATE 19 2 96

FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE	VIS. GOLD TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	REMARKS
48.	49.	.	1		S	G	MC	2	5	T																				4678	48	52	.03	1	2.	
49.	50.	.	1		US	G	MC	1	5																						.	.				
50.	51.	.	1		US	G	MC	1	5																						.	.			.	
51.	52.	.	1		US	G	MC	1	5	T									T												.	.	.			
52.	53.	.	1		US	G	MC	1	5	T																				4679	52	54	.02	1	2.	
53.	54.	.	1		L	G	MC	1	5	T																					.	.	.			

71403S

APPENDIX 6:

AMG LOCATIONS AND BLEG GOLD CONTENT OF SAMPLES OF TERTIARY GRAVEL FROM A GRAVEL PIT ON OXBERRY ROAD, EL 23/94

Analyst:	Analabs Pty Ltd 14 Thirkell Street Cooee Tasmania 7320
Analabs codes:	SD Prep: GP001 Au/GG340.

- Three samples were collected in the quarry. Their inferred relative stratigraphic positions are indicated by the numbers 1 (lowest), 2, 3 (highest).

Position	Sample ID	Easting (m)	Northing (m)	Au (micrograms)
3	H1512	557375	5458400	72.54
2	H1511	557375	5458400	10.16
1	H1513	557300	5458300	107.25

APPENDIX 7:

ANALYTICAL DATA FOR DRILL HOLES

Analyst:

Analabs Pty Ltd
14 Thirkell Street
COOEE TAS 7320

APPENDIX 7 EL23/94

Analytical Data for Drill Holes

Hole ID	Sample ID	Depth from	Depth to	Au av	Au1	Au2	Au3	Ag
LIN007R	H3677	0	1	0.27	0.27			2
LIN007R	H3678	1	2	0.097	0.097			1
LIN007R	H3679	2	3	0.066	0.066			2
LIN007R	H3680	3	4	0.069	0.069			2
LIN007R	H3681	4	5	0.075	0.075			1
LIN007R	H3682	5	6	0.047	0.047			2
LIN007R	H3683	6	7	0.036	0.036			1
LIN007R	H3684	7	8	0.138	0.142	0.134		1
LIN007R	H3685	8	9	0.041	0.041			1
LIN007R	H3686	9	10	0.369	0.369			1
LIN007R	H3687	10	11	0.25	0.25			2
LIN007R	H3688	11	12	0.273	0.273			2
LIN007R	H3689	12	13	0.184	0.184			2
LIN007R	H3690	13	14	0.118	0.118			2
LIN007R	H3691	14	15	0.028	0.028			1
LIN007R	H3692	15	16	0.023	0.021		0.025	1
LIN007R	H3693	16	17	0.016	0.016			2
LIN007R	H3694	17	18	0.067	0.06	0.074		2
LIN007R	H3695	18	19	0.022	0.022			2
LIN007R	H3696	19	20	0.042	0.042			1
LIN007R	H3697	20	21	0.011	0.011			1
LIN007R	H3698	21	22	0.042	0.042			1
LIN007R	H3699	22	23	0.221	0.221			2
LIN007R	H3700	23	24	0.415	0.415			1
LIN007R	H3701	24	25	0.027	0.027			1
LIN007R	H3702	25	26	-0.008	-0.008			1
LIN007R	H3703	26	27	-0.008	-0.008			1
LIN007R	H3704	27	28	0.046	0.046			1
LIN007R	H3705	28	29	0.044	0.044			1
LIN007R	H3706	29	30	0.027	0.027			1
LIN007R	H3707	30	31	-0.008	-0.008			1
LIN007R	H3708	31	32	0.054	0.054			2
LIN007R	H3709	32	33	0.038	0.041	0.035		2
LIN007R	H3710	33	34	0.023	0.023			1
LIN007R	H3711	34	35	-0.008	-0.008			1
LIN007R	H3712	35	36	0.021	0.021			2
LIN007R	H3713	36	37	0.014	0.014			2
LIN007R	H3714	37	38	-0.008	-0.008			1
LIN007R	H3715	38	39	-0.008	-0.008			1
LIN007R	H3716	39	40	0.012	-0.008		0.012	1
LIN007R	H3717	40	41	0.008	0.008			2
LIN007R	H3718	41	42	0.022	0.022			1
LIN007R	H3719	42	43	0.01	-0.008	0.01		1
LIN007R	H3720	43	44	-0.008	-0.008			2
LIN007R	H3721	44	45	0.01	0.01			2
LIN007R	H3722	45	46	0.022	0.022			2
LIN007R	H3723	46	47	0.0705	0.071		0.07	1
LIN007R	H3724	47	48	-0.008	-0.008			2
LIN007R	H3725	48	49	-0.008	-0.008			5
LIN007R	H3726	49	50	-0.008	-0.008			1
LIN007R	H3727	50	51	0.008	0.008			1
LIN007R	H3728	51	52	0.009	0.009			1
LIN007R	H3729	52	53	-0.008	-0.008			1

APPENDIX 7 **EL23/94**

Analytical Data for Drill Holes

Hole ID	Sample ID	Depth from	Depth to	Au av	Au1	Au2	Au3	Ag
LIN007R	H3730	53	54	0.012	0.012			1
LIN008R	H4666	0	4	0.024	0.024			1
LIN008R	H4667	4	8	0.027	0.027			1
LIN008R	H4668	8	12	0.024	0.024			2
LIN008R	H4669	12	16	0.02	0.02			1
LIN008R	H4670	16	20	0.041	0.041			2
LIN008R	H4671	20	24	0.03	0.03			1
LIN008R	H4672	24	28	0.017	0.017			1
LIN008R	H4673	28	32	0.0225	0.029	0.016		2
LIN008R	H4674	32	36	0.017	0.017			1
LIN008R	H4675	36	40	0.019	0.019			1
LIN008R	H4676	40	44	0.051	0.051			1
LIN008R	H4677	44	48	0.149	0.149			2
LIN008R	H4678	48	52	0.032	0.032			2
LIN008R	H4679	52	54	0.02	0.02			2
			Units	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
			Detec. Limits		**0.008**	**0.008**	**0.008**	**1**

Any negative value indicates sample analysis below detection limits.

Hole ID	Easting	Northing	Elev	Dip	Azim	Depth		
LIN007R	557593	5455773	180.1	-50	271	54		
LIN008R	557611	5455757	169.8	-50	270	54		

EL24/94

EL23/94

EL25/94

WATERHOUSE

SWANAGE

LINTON MINE AREA

MOUNT HORROR

FORESTER

GREAT FORESTER RIVER

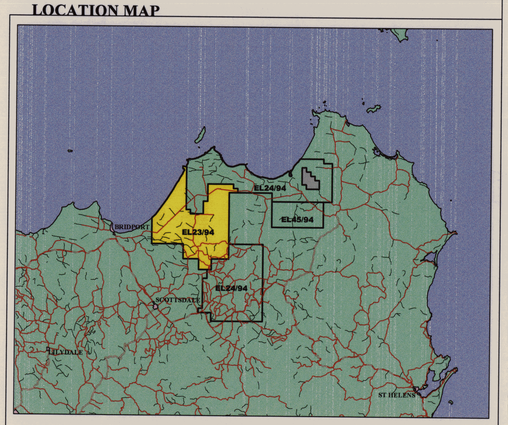
See EL23/94 / Plan 2 for Detail.

See ML64M/79 Plans 2 &3

542500 545000 547500 550000 552500 555000 557500 560000

5467500 5465000 5462500 5460000 5457500 5455000 5452500

LOCATION MAP



1:500000

10000 0 10000 20000 30000 40000 Metres

LEGEND

Stream Sediment Gold Analysis Values, (symbology representing value with sample identification number alongside).

- Not analysed for Au
- <0.008ppm
- 0.008 - 0.01ppm
- 0.011 - 0.05ppm
- 0.051 - 0.1ppm
- 0.101 - 0.5ppm
- 0.501 - 1ppm
- > 1.001ppm

Mine and its major commodity (Mirloch dataset).

Locality (Auslig 250k data).

Primary road.

Secondary road.

Minor road. (Auslig 250k data).

Track - other roads.

Watercourse (Land Information Bureau 25k data).

GEOLOGY

QUATERNARY	Qh	Alluvium, sand and gravel.
	Qps	Marine and non-marine clay, sand and gravel.
	Qpt	Talus.
TERTIARY	Ts	Non-marine sand and gravel.
LOWER DEVONIAN-LOWER ORDOVICIAN	D/Oq	Micaceous quartzwacke turbidite sequence (Mathinna Beds).
Igneous Rocks		
TERTIARY	Tb	Basalt.
CARBONIFEROUS-DEVONIAN	Dga	Adamellite / granite.
	Dgr	Granodiorite.

5 cm

N W E S

Grid North
True North 0.4 degrees east of Grid North
and Magnetic North 13.9 degrees east of Grid North.

1:25000

1000 0 1000 2000 Metres

Geology and Mirloch data courtesy of Mineral Resources Tasmania from the 1:250,000 Northeast sheet.
Data covering cultural features (roads and localities) courtesy of Auslig 1:250,000 series sheet K5521.
Drainage from Tasmanian Land Information Bureau 1:25,000 series sheets 5445, 5446, 5645 and 5646 .
Map produced using Arcview 2.1.
All map coordinates in AMG zone 55.

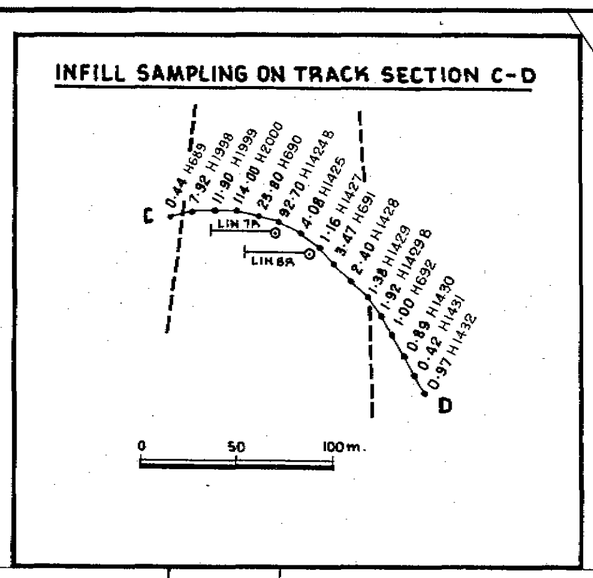
96-3857

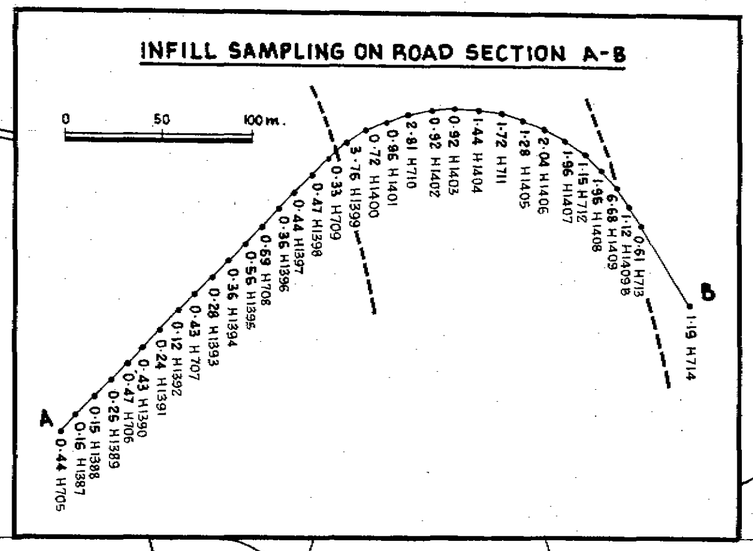
HERALD RESOURCES LTD.

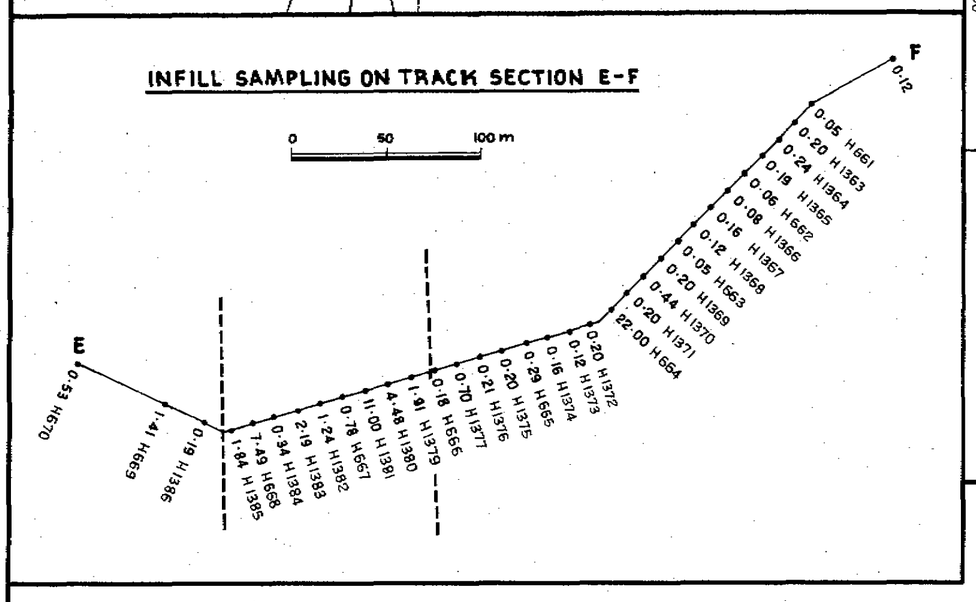
714054

SCOTTSDALE PROJECT TASMANIA
Geology and Stream Sediment Sample Locations
EL23/94

AUTHOR	N.T.	PLAN No.	1
OPERATOR	N.J.M.	Arcview Project	EL2394.APR
DATE	14-2-96	LAYOUT	1







96-3857

ANNUAL REPORT 1994-95 GREAT FORESTER
RIVER EL 23/94 HERALD RESOURCES
TURNER N J

DRILL HOLE DETAILS

DRILL HOLE	EASTING	NORTHING	GEODETIC ALTITUDE	DIP	LENGTH	AZMUTH
LIN 7R	557593·7	5455773·3	180·1	50°	54 m	271°
LIN 8R	557611·5	5455757·6	169·8	50°	54 m	270°

GPS SURVEY BY EAST COAST SURVEYING, ST. HELENS.
ACCURACY ± 3·6m. FOR E, N, ALTITUDE. (ALL NOMINAL)

NOTE:- Positions of lodes from Blake (1934).

714055

Base map derived from TASMAP 1:25000 Series Sheet 5445
Ed. 1, 1982: Pearly Brook.

5 cm

- •86·5 H758 — Soil sample point with BLEG Au (ppb) and sample number; 500 gm. samples; Cu, Pb, Zn, As not shown; samples from about 15cm. depth.
- ▲18·7 H912 — Rock chip with Au (ppm) and sample number; Cu, Pb, Zn, As not shown; quartz veins
- —1·5— Contour roughly marking 1·5 ppb. Au in soils.
- 7,8 — Horizontal projection of RC percussion drill hole with number; details in table.
- ● — Stream sediment sample point with As > 25 ppm.

EL 23/94 FORESTER RIVER	Plan №: 2
HERALD RESOURCES LTD.	
FORESTER PLANTATION LINTON SETTING Soil chemistry, rock chips, drill holes with GPS positions	Date: Dec, 1995 Compiled: Nic. Turner Drawn: Peter Nankivell Scale: 1:5000
Contractor: N.J.Turner Geological Services Pty. Ltd.	