

712002

HERALD RESOURCES LTD
40 Kings Park Road
West Perth, Western Australia
6872

**EXPLORATION LICENCE NO. 25/94
WARRENTINNA, TASMANIA
ANNUAL REPORT 1994-1995**

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

15th March, 1996

CONTENTS

1.0	SUMMARY AND RECOMMENDATIONS	1
2.0	INTRODUCTION	1
3.0	TENEMENT INFORMATION	2
4.0	PREVIOUS WORK	2
5.0	WORK CARRIED OUT BY HERALD RESOURCES LTD.	4
5.1	Regional geology	4
5.2	Regional geophysics	4
5.3	Regional and follow-up stream sediment sampling	4
5.4	Local geology and rock chip sampling	5
5.5	Soil sampling	5
5.6	Trenching and channel sampling	5
5.7	Percussion drilling	6
5.8	GPS survey	6
5.9	Tertiary gravels	6
6.0	DATA AND DISCUSSION	7
6.1	Regional geological setting of Herald's tenements	7
6.1.1	Mathinna Group and granitoids	7
6.1.2	Late Palaeozoic to Cainozoic rocks	8
6.1.3	Mineralisation	8
6.2	Regional geophysical interpretation	9
6.3	Regional stream sediment geochemistry	9
6.4	Local geology and rock chip chemistry	10
6.5	Soil chemistry	11
6.5.1	Forester Plantation	11
6.5.2	Derby-North Mara area	11
6.5.3	Golden Mara prospect	12
6.6	Trenching and channel sample chemistry	12
6.7	RC percussion drilling	13
6.7.1	Forester Plantation	13
6.7.2	Derby-North Mara area	13
6.7.3	Golden Mara prospect	14
6.8	Tertiary gravel	15
7.0	CONCLUSIONS	15
8.0	ENVIRONMENTAL MATTERS	16
9.0	REFERENCES	17

LIST OF FIGURES

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

LIST OF APPENDICES

1. AMG locations and analytical data for stream sediment samples.
2. Analytical data for soil samples.
3. AMG locations and descriptions of rock chip samples.
4. Analytical data for rock chip samples.
5. Analytical data for channel samples.
6. Logs for RC percussion drilling.
7. AMG locations and BLEG gold content of samples of Tertiary gravel.
8. Analytical data for drill holes.

LIST OF PLANS

1. Geology and stream sediment sample locations.
2. Forester Plantation, Malabar setting: soil chemistry rock chips.
3. Golden Mara and Derby-North Mara prospects: old workings, soil chemistry, trenches, percussion drill holes with GPS positions.
4. Derby, North Mara, Golden Mara prospects: preliminary cross sections for trenches and RC percussion drill holes showing gold analyses over 0.1gpt.

1.0 SUMMARY AND RECOMMENDATIONS

- Herald Resources Ltd took up EL 25/94 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 to Carboniferous granitoids. The prospective styles of gold mineralisation are quartz vein reefs, stockworks and sheeted vein systems.
- Regional stream chemistry and interpretation of geophysical data focussed attention on the Forester Plantation, where a combined arsenic and low order gold anomaly in soils was subsequently delineated and drilled. Very low gold values were returned.
- Attention was also focussed on the old Warrentinna goldfield where trenching, channel sampling and drilling on widely spaced lines have returned common gold intersections of 0.1–0.6gpt with scattered 1.0–8.0gpt values. Drill intersections include 14m at an average 1.13gpt in the Branxholm reef at the Golden Mara prospect.
- It is recommended that geological mapping and reconnaissance soil sampling be carried out throughout the Warrentinna goldfield with detailed soil sampling where results warrant it. Additional trenching is recommended for the Golden Mara prospect.

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 secured a fourth title over an adjacent piece of ground (Fig. 1).

Work commenced in EL 25/94 in late 1994 and an annual report was due in the lead-up to renewal of the tenement on 28th October 1995. By that time Herald's substantial exploration effort had progressed to the drilling stage. Mineral Resources Tasmania accepted deferral of the report pending completion of the drilling and compilation of all results to hand.

Exploration Licence No. 25/94 is located in an area of natural and plantation forests and farmland. The area is readily accessible by sealed and unsealed, all-weather roads.

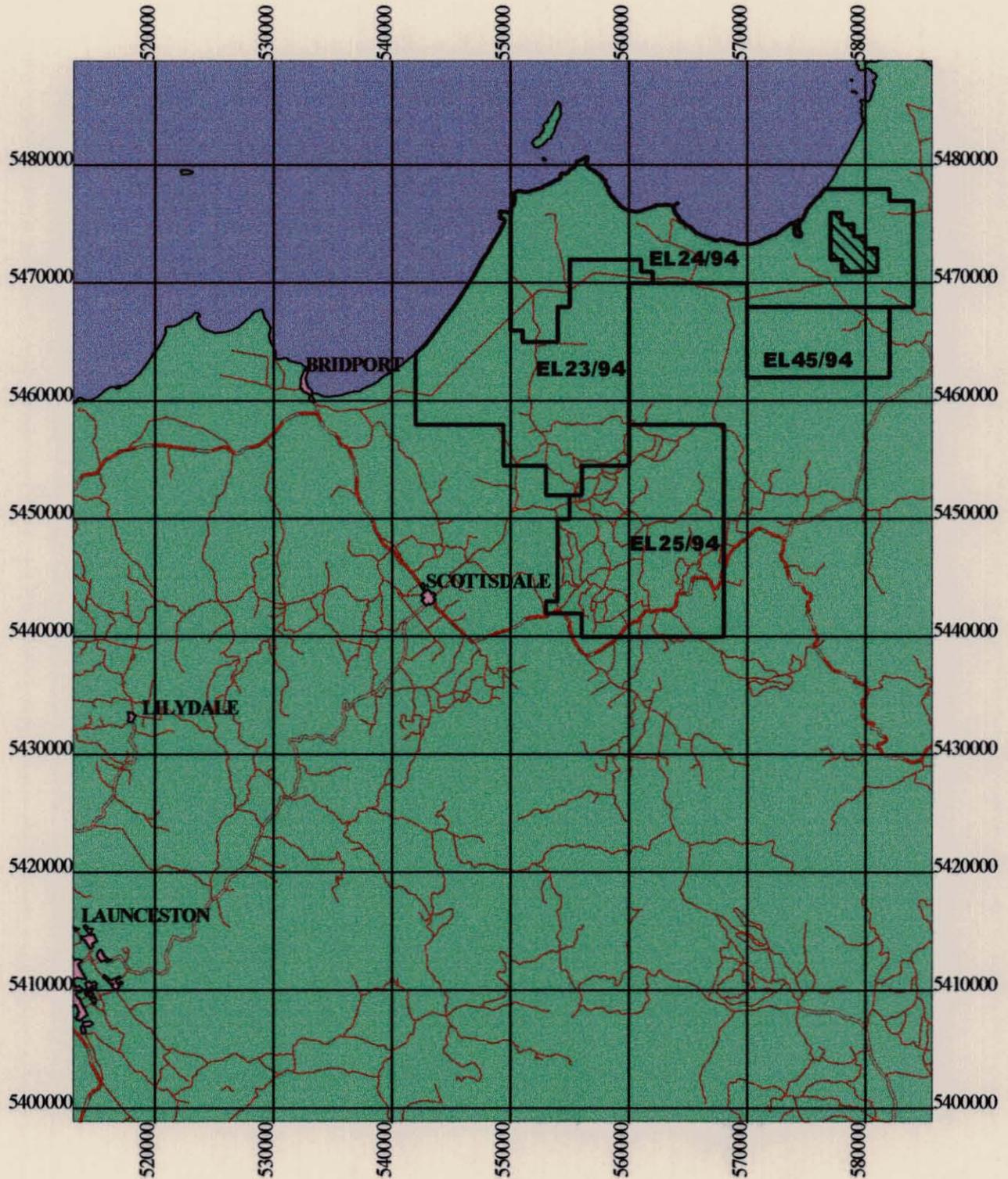


FIG. 1
Locations of mineral exploration licences held by Herald Resources Ltd. in North East Tasmania.

5 cm

3.0 TENEMENT INFORMATION

Exploration Licence: 25/94
Area: 219 square kilometres
Land District: Dorset
Vicinity: Warrentinna
Municipality: Dorset

Schedule:

Commencing at the southeast corner at grid coordinates 568000mE 5440000mN thence grid west to 556000mE grid north to 5442000mN again grid west to 553000mE again grid north to 5443000mN grid east to 554000mE again grid north to 5450000mN again grid east to 555000mE again grid north to 5452000mN again grid east to 556000mE aforesaid again grid north to 5454500mN again grid east to 560000mE again grid north to 5458000mN again grid east to 568000mE aforesaid thence grid south to the point of commencement.

The area excludes: 0.5 square kilometre Crown Reserves and 193ha Mining Leases.

Exploration Licence 25/94 was granted from 28.10.94. However, shortly after work commenced Herald Resources Ltd was informed that an area of 7 square kilometres south of Warrentinna had already been issued to Mancala Pty Ltd as Authority to Prospect No. 1/93. An agreement was struck whereby Mancala has relinquished its Authority to Prospect so that Herald can take up the ground as EL 23/95. The ground will then be incorporated into EL 25/94. In this report the ground is treated as part of EL 25/94.

EL 25/94 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

The first discovery of gold bearing quartz reefs at the Golden Mara mine was in 1890 (Blake, 1934b). Between 1892 and 1921 a total of 3,367oz 15dwt 13gr (104.73kg) was produced at an average grade of around 1oz per ton (30.6gpt) from a collection of reefs including the Branxholm, Little Branxholm, Coronella, Blue, Riley's and Ascot (Plan 3B). Plans and sections of some of the workings on these reefs are held by Mineral Resources Tasmania.

The reefs strike either northerly in tension fractures or north-easterly in shear fractures (Blake, 1934b). At junctions of the two fracture styles ore shoots were sometimes present. The Coronella reef was the most important producer of ore at a probable common grade of about 1.5oz per ton (45.9gpt). It had a

reef channel which generally ranged 0.25–0.61m in width and contained 0.15–0.18m of quartz. It was worked to a maximum depth of 84m below surface though there was very little stoping at this level.

There are few records for the Derby and North Mara mines apart from Blake's (1934a) map of the surface workings (Plan 3C). Nye (1931) noted that the Derby mine paid several dividends from small crushings. The depths of the main shafts at the Derby and North Mara of 21.3m and 61m respectively suggest moderately extensive mining developments in each locality.

There is a scattering of small workings to the south of the Golden Mara including the Dawn of Peace which produced 0.19kg of gold (Bottrill, 1994). Other small workings extend north of the Derby mine. These include the Golden Dyke and Renown workings. The overall line of workings from south to north comprises the Warrentinna goldfield.

In recent times Goldfields Exploration Pty Ltd carried out a programme of fairly detailed mapping and rock chip sampling which included most of the workings in the Warrentinna goldfield (Herrmann, 1987). The results were not regarded as encouraging for bulk, low-grade gold, though it was felt that limited access had prevented a proper assessment of the Golden Mara mine (Roberts, 1987).

The Goldfields programme also covered two old prospects' on the southern slopes of Mt Horror (Plan 1). Values of up to 1.21gpt gold were returned from wolframite bearing quartz veins at the Gorge Creek tungsten prospect whilst values of up to 0.41gpt gold and 15gpt silver were returned from siliceous, arsenopyritic lodes at the Mt Horror arsenic prospect. An earlier programme by Hall, Ralph and Associates Pty Ltd had also shown trace gold at both these prospects (Rayment, 1969).

Very weakly indurated cobble conglomerate or gravel beneath Tertiary basalt at Renown hill was prospected in the early days by means of a small open cut and adit near 551625E5449425N and by shafts along the nearby hillside (Blake, 1934a). Herrmann (1987) inferred a possible yield of 0.86gpt gold by panning a 5kg sample derived from the matrix of the deposit. Other Tertiary gravels some 4km NE of Renown hill at Gellibrand Plains were investigated by Australian-Anglo-American Prospecting Pty Ltd and Amdex Mining using reverse circulation drilling (Munro, 1982). Gold values in the range 0.4–32mg per cubic metre were obtained.

Herrmann (1987) quotes local landowner Malcolm Carins to the effect that 30 to 40 years ago numerous prospecting holes were still evident in the Recent alluvium beside the Boobyalla River just north of Renown hill. Apparently "a man with a pick, shovel and dish could make thirty bob a day".

Geological coverage of EL 25/94 is provided by the Geological Survey of Tasmania's 1:50,000 Ringarooma map (Brown et al, 1977). The licence is within the area of NETGOLD aeromagnetic cover (Richardson, 1994) and there

is regional gravity station 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 25/94 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, 248 preliminary and 115 follow-up stream sediment samples were collected in EL 25/94 (Plan 1, Appendix 1). These were analysed by Analabs Pty Ltd for Cu, Pb, Zn, Au and As. 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 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 25/94 was confined to areas of particular interest. Most notable of these are Warrentinna, Mt Horror and the Forester Plantation. During the traversing a total of 35 rock chip samples were collected (Appendix 3). These 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

Blake's (1934) maps were used to locate the Golden Mara, Derby and North Mara workings. Widely spaced lines were surveyed by tape and compass across the trend of these workings and reconnaissance soil samples collected at 50m intervals (Plan 3). Soil samples were also collected in the Forester Plantation at the old Malabar prospect and on two lines between the Malabar prospect and the Linton lease (Plan 2). The Linton lease is in EL 23/94, just north of EL 25/94.

A total of 91 soil samples were taken in EL 25/94. They were collected at depths of about 15cm in residual soils which mostly comprise sand, clay and subordinate, angular, weathered, bedrock 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 Trenching and channel sampling

Trenches were excavated across the Derby, North Mara and Golden Mara prospects (Plan 3) by Arthur Dobson of Bridport using a 20 tonne Hitachi excavator. The same machine was used to put in access tracks to the prospects and to prepare drill sites.

The trenches are about 1m wide and vary from 1m to 2m in depth. A total of 310m were excavated in four trenches at Derby-North Mara with another 232m in the three trenches at the Golden Mara prospect.

Almost ubiquitously the trenches cut into weathered bedrock. The exposed bedrock was channel sampled in one wall of each trench, just above floor level. A large hand-held percussion drill powered by a portable generator was used for the channel sampling.

The channel samples were collected over 2m intervals and weighed in the estimated range 15-25kg. They were trucked to Analabs Pty Ltd where they were jaw crushed then riffle split to a 3kg subsample which was pulverised and analysed for Cu, Pb, Zn, Au and As (Appendix 5). Gold analyses were by fire assay of a 30gm charge giving an 0.008ppm detection limit.

Altogether, 155 channel samples were obtained from the Derby-North Mara prospect and another 116 samples from the Golden Mara prospect.

5.7 Percussion drilling

Nineteen RC percussion drill holes were put down at the Golden Mara and Derby-North Mara prospects (Plan 3) and one hole was put down on a soil anomaly in the Forester Plantation (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 6). 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.

Eight holes, each of 54m, were drilled at the Golden Mara prospect. Ten holes of 54m and one hole of 53m were drilled at Derby-North Mara prospect. The hole in the Forester Plantation was of 66m. A total of 983m were drilled, logged and assayed in EL 25/94.

5.8 GPS survey

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 Plans 2 and 3 with an indicated accuracy of $\pm 3.6\text{m}$ for each of Easting, Northing and Geodetic Altitude.

The indicated accuracy is optimistic. At Warrentinna a comparison of relative positions of holes as determined from the GPS survey with relative positions as determined by tape, compass and clinometer surveys gave discrepancies of +4.1m to -9.1m in Easting, +12.9m to -7.0m in Northing and +18.6m to -21.9m in altitude. Thus, a worst accuracy of about $\pm 20\text{m}$ is likely though most of the GPS measurements are probably better than $\pm 10\text{m}$.

The drill holes were surveyed by tape, compass and clinometer in the closely spaced groups associated with each trench (see Plan 3), not over the greater distances between trenches. The relative positions that were determined in this way are thought to be sufficiently accurate for comparative purposes.

5.9 Tertiary gravels

Several shallow sections in remnant, uncemented gravels of Tertiary age were sampled in the upper Boobyalla River valley around Gellibrand Plains (56300E5449500N, Plan 1). Each sample comprised 27 loose litres of gravel derived from intervals representing about 1m of vertical section. Some sections are represented by samples from different parts of the same quarry (Appendix 7).

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. 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 70°, 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 fluvial 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 byproduct 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

A key site of intersecting geophysical trends is centred on 561250E5445500N (Fig. 8 of Leaman, 1994) which is just south east of the Golden Mara prospect. The site lies on an E-W band that is evident in the gravity aspect map (Map 8 of Leaman, 1994) and which the interpreter projects westward across the Tamar River at Beaconsfield then on to Moina. The highest exploration ranking of all the key geophysical sites identified in Herald's tenements is assigned to the Golden Mara site by the interpreter.

Another key geophysical site in EL 25/94 is centred on 562000E5452250N near the Mt Horror arsenic lodes (Plan 1). A site of lesser ranking has been identified on David Jennings' property at 564000E5447750N. X

There is coverage by stream sediment sampling of each of the three key geophysical sites in EL 25/94 and considerable additional follow-up work, including drilling, has been done on the Golden Mara site. Additional follow-up work has also been done on the Mt Horror arsenic lodes, but not at the site on Jennings' farm.

6.3 Regional stream sediment geochemistry

Gold occurs widely in streams south and east of the Golden Mara prospect (Plan 1). A train of two very high gold values of 1.58ppm and 1.04ppm occurs in an interval of about 500m in New Find Creek. These high values almost certainly reflect contamination from the battery that was located beside New Find Creek near the Golden Mara mine (Plan 3).

Another train of very high gold values decreases steadily from 1.05ppm in a tributary of the upper Boobyalla River near 561225E5447575N to 0.134ppm in the Boobyalla River some 3km downstream. It is likely that the source of the gold is close to the train's commencement point because there is a very marked decrease in gold values upstream. No battery is shown in this position by Blake (1934) but the possibility needs to be checked out, particularly as the Golden Dyke and Derby workings are not far away. Providing the anomaly is not artificial, it is a good one.

A high gold value of 0.384ppm that was returned from a point near 565800E5448700N, just downstream from one of the shafts at Kerrison's workings, may reflect contamination. However, other gold values in streams in EL 25/94 fall in the much lower range of 0.009ppm-0.082ppm and are probably mostly natural, anomalous values.

Though a few scattered gold values were returned from streams on Mt Horror and elsewhere in EL 25/94 no substantial source localities were defined. The overall N-S distribution of gold values and elevated to anomalous arsenic values suggests continuity of the Warrentinna goldfield mineralisation into the area of the Mt Horror arsenic lodes.

Anomalous arsenic values in streams in the Forester Plantation define a NNW to N trending belt (Plan 2) which extends beyond the northern boundary of EL 25/94 to the area around ML64M/79 (Linton lease). No gold was returned in the minus 80 mesh samples south of the Linton lease. However, an 0.3mm grain of gold was panned from nine litres of gravel in Carter Creek at 556450E 5451825N. Carter Creek drains the arsenic anomaly.

6.4 Local geology and rock chip chemistry

There are intervals of good exposure along the Warrentinna Road between the Golden Mara workings and the Derby-North Mara workings (Plan 3A). At 561100E5446650N there are common quartz veins in sandstone and a gold value of 2.08gpt (H133 - Appendix 3, 4) was returned from the outer laminated pyritic part of an 0.1m thick, mostly white and massive quartz vein. At 561100E5445950N a limonitic, foliated cataclasite returned 0.129gpt (H134) but adjacent rocks to the north contain very little gold. Rocks south of the cataclasite are not exposed.

Quartz collected from mullock at the Renown workings at Warrentinna and at Kerrison's workings east of Warrentinna returned gold values of 0.2gpt (H145) and 2.7gpt (H934) respectively. North of Warrentinna there are fairly sparse, wolframite bearing quartz veins at Gorge Creek which carry gold. Values of 0.23gpt, 0.03gpt and 0.14gpt were returned from H938, H939 and H940 respectively.

About 1km northeast of the Gorge Creek prospect are the Mt Horror arsenic lodes. Samples H942 and H943 are from this vicinity, though not from the lodes. They returned elevated arsenic and base metal values but no gold. Herrmann (1987) obtained *in situ* gold values of 0.19gpt, 0.01gpt and 6gpt from the arsenic lodes and adjacent rocks. His value of 0.26%W from a high graded dump sample suggests that the arsenic lodes are related to the Gorge Creek veins.

In the Forester Plantation (Plan 2) a gold value of 0.134gpt (H147) was returned from quartz in probable mullock at the largely obliterated Malabar workings. Further north, in the area of the stream sediment arsenic anomaly, a gold value of 0.28gpt (H154) was returned from quartz in float on Carters Road.

Gold values in other rock samples from the area of the arsenic anomaly were very low or below detection limit. However, some interest was provided by foliated cataclasite which is exposed in the floor of a quarry at the junction of Base Road and Robbins Road and in nearby cuttings on Base Road. Samples of cataclasite designated H160, H161 and H164 returned low gold values of 0.02-0.05gpt and elevated arsenic values of up to 331ppm.

The cataclasite is of interest because it occurs within a regional structure that is reflected in the soil chemistry (see below). Both the Malabar prospect to the south and the Linton prospect to the north appear to lie within this regional structure. The foliation in the cataclasite is subvertical and trends north west, that is, oblique to the more northerly trend of the regional structure which

suggests that the regional structure is a substantial dextral fault.

6.5 Soil chemistry

6.5.1 *Forester Plantation*

Reconnaissance soil sampling along lines across the axis of the stream sediment arsenic anomaly in the Forester Plantation delineated combined arsenic and low order gold anomalies at Robbins Road–Base Road and at Georges Road (Plan 2, Appendix 2.1). A similar anomaly was delineated on a third line, across the Malabar prospect.

The same mineralised structure is thought to be present in each of the three localities. At Robbins Road–Base Road the cataclasite described in the previous section occupies a central position in the combined anomaly. No bedrock structure could be determined at Georges Road or the Malabar prospect because of extensive soil cover. However, Blake (1934a) showed that the Malabar reef when compared with other reefs at Forester is unusual in having a NNW trend, that is, subparallel to the regional structure postulated here.

Strongly anomalous arsenic values of 50–900 ppm are present in the Robbins Road–Base Road soils. The plus–50ppm arsenic anomaly is about 175m wide and contains a plus–10ppb to 26.4ppb gold anomaly that is about 75m wide. On Georges Road the plus–50ppm arsenic anomaly is possibly 75m wide and the plus–10ppb gold anomaly may be about 25m wide. At the Malabar prospect the arsenic and gold anomalies may each be 25–50m wide.

A value of 1.5ppb has been used to demarcate the Forester Plantation gold anomaly in Plan 2. This allows easy comparison with weakly anomalous soil values across the northern boundary of EL 25/94 in the adjacent part of EL 23/94. The Forester Plantation arsenic–gold anomaly extends into EL 23/94, passes through ML64M/79 (Linton lease) and is still recognisable at the Linton Road, some 6km north of the Malabar prospect.

6.5.2 *Derby-North Mara area*

There are generally low values of gold in soils along the eastern edge of the 700m long Derby–North Mara belt of mineralisation (Plan 3C, Appendix 2.2). However, soil sampling has not established the western limit of anomalous gold values.

From the south the maximum gold values on the seven reconnaissance lines are 14.8ppb (southern line), 75.1ppb, 148ppb, 24.4ppb, 361ppb, 592ppb and 67.4ppb (northern line). The widths of the corresponding plus–10ppb anomalies are about 50m, over 125m, over 125m, over 100m, over 100m, over 100m and perhaps 50m. Strongly anomalous arsenic values of 50–160ppm are sparse and correlate poorly with the high gold values.

6.5.3 Golden Mara prospect

In a reversal from the Derby-North Mara area, reconnaissance soil sampling at the 350m long Golden Mara prospect has consistently returned low gold values along the western edge of the prospect but has not established an eastern limit of anomalously high values (Plan 3B, Appendix 2.3).

From the south the maximum gold values on the four lines are 130ppb, 108ppb, 218ppb and 28.6ppb. There may be two anomalous zones, one associated with the Little Branxholm-Coronella complex of reefs and another associated with the Branxholm Reef. Arsenic values range up to 440ppm and show imperfect correlation with high gold values.

6.6 Trenching and channel sample chemistry

At the time of compilation of this report the four trenches in the Derby-North Mara area (Plan 3C) and the three trenches at the Golden Mara prospect (Plan 3B) had not been geologically mapped. However, channel samples had been analysed and results are presented in Appendix 5. With the exception of Trench G the measured intervals and sample numbers shown in Appendix 5 run from east to west.

Profiles of the trenches are shown in Plan 4 along with nearby drill holes. Gold values of over 0.1gpt are also shown in Plan 4 for the trenches and drill holes. The trench intersections with gold values of over 0.5gpt are listed below.

Prospect	Trench	Interval (m)	Au gpt (average)
Derby	A	12-16	1.45
	B	32-42	0.699
		54-58	0.992
North Mara	C	10-12	0.755
		D	12-14
	E	32-34	0.746
		42-44	1.07
		46-48	8.005
Golden Mara	F	54-62	0.509
		40-44	0.591
			86-88

Note: 88m is the end of Trench F

G	nil	nil
---	-----	-----

Note: reef stoped, remainder <0.5gpt

6.7 RC percussion drilling

6.7.1 Forester Plantation

A single percussion drill hole designated LIN1R was put down on the Forester Plantation arsenic-gold soil anomaly in EL 25/94. It was sited in the quarry at the junction of Robbins Road and Base Road (Plan 2). The collar was just east of a point about midway between the cataclasite exposed in the quarry floor and cataclasite exposed in the cuttings on

Base Road. The drill hole was aimed WSW into the cataclasite which occupies the median line of the soil anomaly.

Very low order gold values of 0.01–0.07gpt were returned from 0–24m and 0.01–0.04gpt from 44–52m (Appendix 6). Cataclasite was intersected between 14m and 29m, its position suggesting that the corresponding shear zone dips about 85°E.

There is no indication of subsurface intervals of significant relative gold enrichment in drill hole LIN1R. Instead, the values of gold in soils, surface rock chips and drill intersections are all of similar order.

6.7.2 Derby-North Mara area

Four 'fences' of drill holes at the Derby prospect and the North Mara prospect (Plans 3, 4, Appendix 6) tested various reef structures mapped by Blake (1934a).

At the northern end of the Derby workings drill hole WAR17 returned a very low grade gold intersection of 0.04gpt at 32–36m which is the projected intersection with the adjacent lode. The lode channel is expressed in nearby Trench A as a shear zone with gold values of 0.117–0.461gpt in the adjacent rocks.

Further east in Trench A there is another shear or cataclasite zone which gave an average gold value of 1.45gpt over 4m. This feature was intersected in the nearby drill hole WAR18R where an average 0.58gpt was returned from the cataclasite and adjacent rocks in the interval 7–12m. It is of interest that a soil sample collected from above this structure returned 592ppb of gold.

At the eastern edge of the Derby mine drill hole WAR15R appears to have intersected the longer of the two reefs of NNW trend (Plan 3C) with a return of 1.65gpt at 18–19m. However, the shorter of the NNW structures seems to be part of the relatively broad 2–12m intersection in WAR15R. This intersection includes a 3m stope at 6–9m with a 4m interval averaging 1.8gpt of gold to the east of the stope and a 3m interval averaging 0.54gpt to the west.

The shallow intersection of 0.51gpt at 7–8m in WAR14R and the deeper intersection of 0.12gpt at 44–48m in WAR15R probably correspond to the NE trending reef that is fairly central in the Derby workings. Intersections to the west of this reef are with unknown structures. The western intersections include 0.99gpt at 54–58m in Trench B, 1.02gpt at 7–11m in WAR16R and 0.43gpt at 42–43m in WAR14R.

At the North Mara workings drill hole WAR13R returned 4.46gpt of gold at 44–48m in the anticipated position of the more easterly of the two closely spaced reefs. However, there is nothing of interest at the

anticipated position of this reef at 17–23m in drill hole WAR11R. Such lack of continuity of mineralisation is a feature remarked on by most workers on NE Tasmanian gold reefs.

The trench and fence of drill holes at the southern end of the North Mara workings have returned a number of intersections. The known reef channel is represented in Trench D by a gold value of 1.3gpt at 12–14m, by a value of 2.33gpt at 10–13m in drill hole WAR9R and by 0.58gpt at 37–39m in drill hole WAR10R.

West of the known reef the gold values are related to unknown structures. In Trench D these intersections include 0.746gpt at 32–34m, 1.07gpt at 42–44m and 8.005gpt at 46–48m. Also included are gold values of 0.48gpt at 3–4m in drill hole WAR19R and 3.76gpt at 19–21m in drill hole WAR9R.

6.7.3 Golden Mara prospect

The three fences of drill holes at the Golden Mara prospect (Plans 3, 4) were also aimed at testing the various reef structures mapped by Blake (1934). In the western part of the prospect drill hole WAR4R intersected the Coronella workings in the anticipated interval of 26–30m but returned low gold values of 0.02–0.33gpt (Appendix 6) from the rocks adjacent to the stope.

Drill hole WAR4R continued beyond the Coronella reef to intersect 0.48gpt of gold in a possible extension of the Ascot reef at 42–43m and 0.41gpt in another structure at 50–51m. Also in the western part of the Golden Mara prospect, drill hole WAR1R may have intersected an extension of the Blue reef with a return of 0.45gpt of gold from 40–44m.

Hole WAR2R was expected to intersect a distinctive interval corresponding to the Little Branxholm reef at about 28m. Instead, the hole produced a number of low grade gold intersections including 0.45gpt at 4–6m, 0.52gpt at 8–10m, 0.46gpt at 21–22m, 0.42gpt at 35–36m and 0.62gpt at 50–54m. Further north, drill hole WAR5R intersected 2.04gpt at 30–31m in the anticipated position of the Little Branxholm reef.

North of the main workings, drill hole WAR7R may have intersected the Little Branxholm reef with a gold return of 0.41gpt from 40–44m. This is deeper than expected if the reef dips 75°E. Holes WAR7R and 8R tested a well developed quartz vein stockwork that is east of the Little Branxholm reef in this northern locality. It appears that the stockwork is only very weakly mineralised.

East of the Little Branxholm reef in the main Golden Mara workings, drill hole WAR6R returned intersections that do not clearly relate to any of the structures mapped by Blake (1934). The drill hole passed through

an extensive low grade (0.1–0.6gpt) zone defined by channel samples in the adjacent Trench F without returning assays showing much indication of the zone (Plan 4). Perhaps there is a structural control on the mineralisation such that less gold was intersected by the inclined drill hole than by the subhorizontal trench. Alternatively, the channel samples measure the gold content of the rock more rigorously than do the 'speared' drill samples.

A 14m interval with shearing and common quartz veining and returning an average gold grade of 1.13gpt was intersected at 18–32m in drill hole WAR3R. This intersection probably marks the Branxholm reef which dips steeply (80°) in the same direction as the inclined (50°) drill hole. Like drill hole WAR6R, drill holes WAR3R and WAR2R passed through an extensive low grade zone as indicated by channel samples in the adjacent trench. Again there seems to be less expression of the zone in the drill assays than might be expected.

6.8 Tertiary gravel

The best value of contained gold in the 27 litre samples of Tertiary gravel from around Gellibrand Plains was 1,490.40 micrograms (Appendix 7) from the basal section of the gravel below the basalt on Renown hill. This translates to a grade of 0.055g per cubic metre, which is considered too low to be of interest, even though substantial enhancement of grade could be achieved by screening the gravel. Grades of similar order were reported by Munro (1982) from the Tertiary gravel around Gellibrand Plains.

7.0 CONCLUSIONS

The anomalies in the Forester Plantation that are shown by arsenic in streams and by arsenic and low order gold in soils reflect mineralisation associated with a substantial regional structure, apparently a shear zone. Drilling of the structure on one of three reconnaissance lines has returned gold values that are too low to be of interest. However, before abandoning interest in the structure, soil sampling should be carried out north of the existing drill hole, across a key geophysical site that has been identified within the structure.

Overall, the Derby–North Mara area and the Golden Mara prospect have returned the best set of gold values in soil that have come from Herald's NETGOLD tenements. This positive result is tempered by the likelihood that residual soil values in NE Tasmania are probably generally closer to bedrock values than is the case in some of the company's other exploration areas.

Even so, gold intersections of 0.1–0.6gpt are fairly widespread in trenches and drill holes and there are scattered 1.0–8.0gpt values. The volume of mineralised ground appears to be greater in Trenches E and F, nearer the reef intersection at the southern end of the Golden Mara prospect.

Concern is expressed above in relation to the relative effectiveness of the channel samples and the 'speared' drill samples in measuring gold contents. It is recommended that supplementary samples be obtained from some drill holes by riffle splitting. In particular, parts of drill holes WAR 2, 3 and 6R should be resampled.

The Warrentinna goldfield has a strike length of 4.5km. It contains the Golden Mara prospect and the Derby-North Mara area together with other small, old prospects. In addition, the work described here has shown an unexplained stream sediment anomaly of good size in the northern part of the goldfield. The work here has also demonstrated the presence of mineralised rocks between the Golden Mara prospect and the Derby-North Mara area, along the Warrentinna Road.

It is recommended that a programme of geological mapping and reconnaissance soil sampling be undertaken throughout the Warrentinna goldfield. This work should be aimed at defining the boundaries of the gold mineralisation and should be supplemented by detailed sampling where results warrant it. On information already to hand the southern and eastern parts of the Golden Mara prospect warrant detailed soil sampling and additional trenching.

8.0 ENVIRONMENTAL MATTERS

Trenches at the Golden Mara prospect and in the Derby-North Mara area will be refilled in due course. Topsoil was placed separately from subsoil when the trenches were dug and can therefore be returned when the trenches are filled, thus promoting rehabilitation. There was little displacement of soil during track construction but compacted areas on tracks will have to be loosened for rehabilitation.

Some standing timber was felled during trenching and track construction but the regulatory authorities have found the amount to be acceptable. Felled vegetation will be used to cover tracks when they are rehabilitated. Forestry Tasmania may require the main Derby-North Mara access track to be left open.

Bags of drilling product are currently stored at the drill sites. They will be disposed of in due course.

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

9.0 REFERENCES

- Baillie, P.W., Turner, N.J., Cox, S.F. 1979. Geological atlas 1:50 000 series, sheet 84165. Boobyalla. Department of Mines, Tasmania.
- Blake, F. 1934a. Maps of the workings at Warrentinna, three sheets: north, central, south; map of the Malabar workings. Department of Mines, Tasmania.
- Blake, F. 1934b. The Golden Mara mine, Warrentinna. Unpublished Report, Department of Mines, Tasmania.
- Bottrill, R.S. 1994. Geology and mineral resources of the Mt Horror exempt area. Mineral Resources Tasmania Report 1994/02. Tasmania Development and Resources.
- Brown, A.V., McClenaghan, M.P., Moore, W.R., Turner, N.J., McClenaghan, J., Williams, P.R., Baillie, P.W., Corbett, K.D., Corbett, E.B., Cox, S.F., Groves, D.I., Pike, G.P. 1977. Geological atlas 1:50 000 series, sheet 32 (8415N). Ringarooma. Department of Mines, Tasmania.
- Herrmann, W. 1987. Report on reconnaissance mapping and sampling of EL 17/86, in Roberts, P.A. Annual report for 1986-87, Branxholm area. Gold Fields Exploration Pty Limited. [TCR 87-2735].
- Leaman, D.E. 1994. Regional review of geophysical data, NE Tasmania, ELs 23, 24, 25, 45/94. Consultant's report to Herald Resources Ltd.
- McClenaghan, M.P., Turner, N.J., Baillie, P.W., Brown, A.V., Williams, P.R., Moore, W.R. 1982. Geology of the Ringarooma - Boobyalla area. Bulletin Geological Survey of Tasmania 61.
- Munro, R.A.A. 1982. EL 28/76. Derby - Tasmania. Six monthly report to the Department of Mines, Tasmania for the period 21 June to 22 December 1981. Australian Anglo American Ltd. [TCR 82-1715].
- Nye, P.B. 1924. Report on R.C. Slide's mine at Mara. Unpublished Report Tasmania Department of Mines 1924:95-99.
- Nye, P.B. 1931. The Lyndhurst, Forester, Warrentinna, New River and Alberton goldfields. Unpublished Report Tasmania Department of Mines 1931:74-75.
- Powell, C.McA., Baillie, P.W., Conaghan, P.J., Turner, N.J. 1993. The mid-Palaeozoic turbiditic Mathinna Group, northeast Tasmania. Australian Journal of Earth Science 40:169-196.
- Rayment, P.A. 1969. Mount Horror, Tasmania. Hall, Relph & Associates Pty

Ltd. [TCR 69-589].

Richardson, R.G. 1994. Specification summary – aeromagnetic surveys, Northeast Tasmania. Mineral Resources Tasmania Report 1994/09.

Roberts, P.A. 1987. Annual report for 1986-87, Branxholm area. Gold Fields Exploration Pty Ltd. [Mineral Resources Tasmania TCR 87-2735].

Turner, N.J. 1996. EL 45/94 Mt Cameron, Tasmania. Relinquishment report. Herald Resources Ltd.

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

EL25/94

AMG Locations and Analytical data for Stream Sediment Samples - Refer to Plan 1

Samp-id	Easting	Northing	Cu	Pb	Zn	Auav-ppm	Auppm	Au1ppm	Au2ppm	As-av	As05	As1	As50
H935	561250	5447250											
H937	561250	5447250											
H948	561250	5447250	9	24	44	0.012	0.012			8	8		
H220	556600	5454200	17	8	105	-0.008	-0.008			7	7		
H221	556900	5454300	19	12	70	-0.008	-0.008			3.9	3.9		
H222	557100	5453900	12	6	72	-0.008	-0.008			4.6	4.6		
H223	557200	5453900	21	12	146	-0.008	-0.008			8.5	8.5		
H224	556400	5453600	23	9	97	-0.008	-0.008			3.8	3.8		
H231	558300	5454400	9	10	37	-0.008	-0.008			4.9	4.9		
H234	557400	5453300	12	3	34	-0.008	-0.008			57	57		
H235	559100	5453800	16	9	81	-0.008	-0.008			4.2	4.2		
H236	559100	5453900	16	11	40	-0.008	-0.008			6.5	6.5		
H237	556200	5453300	13	7	104	-0.008	-0.008			6.1	6.1		
H241	557500	5452900	14	10	76	-0.008	-0.008			10.25	10.25		
H242	557500	5453100	19	16	125	-0.008	-0.008			47	47		
H243	557100	5452700	14	9	72	-0.008	-0.008			13.6	13.6		
H244	557200	5452000	25	15	186	-0.008	-0.008			12.8	12.8		
H245	556900	5452300	19	12	122	-0.008	-0.008			18.1	18.1		
H246	556400	5451800	22	10	76	-0.008	-0.008			7.2	7.2		
H247	556500	5451600	13	6	46	-0.008	-0.008			2.8	2.8		
H248	556400	5451500	12	5	38	-0.008	-0.008			3	3		
H249	559800	5452600	52	17	119	-0.008	-0.008			13	13		
H250	559200	5451600	43	11	63	-0.008	-0.008			9.25	9.25		
H251	558700	5452600	30	12	52	-0.008	-0.008			3.9	3.9		
H252	559200	5451700	46	11	93	-0.008	-0.008			4.8	4.8		
H253	559500	5451900	55	14	52	-0.008	-0.008			11.6	11.6		
H254	559400	5452000	55	16	104	-0.008	-0.008			10	10		
H255	558700	5451900	28	13	124					7.8	7.8		
H256	558700	5451500	35	14	125	-0.008	-0.008			5.6	5.6		
H257	558600	5451500	24	14	165	-0.008	-0.008			7.5	7.5		
H258	557900	5451300	24	10	73	-0.008	-0.008			6.5	6.5		
H259	557900	5451400	21	18	113	-0.008	-0.008			24.3	24.3		
H260	556600	5451000	12	8	59	-0.008	-0.008			4.7	4.7		
H261	557300	5450500	17	6	58	-0.008	-0.008			4.7	4.7		
H262	557100	5450000	18	10	77	-0.008	-0.008			6.8	6.8		
H263	557800	5450200	11	8	39	-0.008	-0.008			2	2		
H264	558100	5450400	13	4	45	-0.008	-0.008			3.5	3.5		

712025

APPENDIX 1

EL25/94

AMG Locations and Analytical data for Stream Sediment Samples - Refer to Plan 1

Samp-id	Easting	Northing	Cu	Pb	Zn	Auav-ppm	Auppm	Au1ppm	Au2ppm	As-av	As05	As1	As50
H265	558400	5450800	28	12	126					3	3		
H266	558100	5450400	27	11	136					9.25	9.25		
H267	558400	5450000	8	-3	40	-0.008	-0.008			2	2		
H268	558500	5449800	13	6	56	-0.008	-0.008			3.5	3.5		
H269	559500	5449800	31	12	74	-0.008	-0.008			2.2	2.2		
H270	559600	5449000	22	8	102	-0.008	-0.008			3.9	3.9		
H271	559000	5449600	28	8	89					5	5		
H272	559000	5449500	17	6	83	-0.008	-0.008			3	3		
H273	558700	5448700	22	11	105	-0.008	-0.008			5	5		
H274	558100	5449600	17	7	52	-0.008	-0.008			2	2		
H275	558900	5449100	18	15	79	-0.008	-0.008			5.5	5.5		
H276	558900	5448100	19	14	123	-0.008	-0.008			9.5	9.5		
H277	558700	5448100	20	7	166	-0.008	-0.008			3.5	3.5		
H278	559100	5448100	19	4	63	-0.008	-0.008			3	3		
H279	559300	5447700	12	3	45	-0.008	-0.008			2	2		
H280	559500	5447700	18	9	114	-0.008	-0.008			4.5	4.5		
H281	559300	5446800	15	5	76	-0.008	-0.008			3	3		
H282	559300	5446900	22	8	272	-0.008	-0.008			5.5	5.5		
H283	558900	5446500	22	10	127	-0.008	-0.008			4.7	4.7		
H284	559900	5446800	18	7	81	-0.008	-0.008			6	6		
H285	559200	5446300	21	7	57	-0.008	-0.008			1	1		
H286	557300	5448800	20	6	127	-0.008	-0.008			2.5	2.5		
H287	557300	5449400	21	11	457	-0.008	-0.008			3.2	3.2		
H288	557200	5448100	28	10	80	-0.008	-0.008			3	3		
H289	558400	5447600	20	9	75	-0.008	-0.008			5	5		
H290	558300	5447700	23	11	52	-0.008	-0.008			3.5	3.5		
H291	558400	5447100	17	16	69	-0.008	-0.008			4	4		
H292	557100	5446900	16	11	88	-0.008	-0.008			4.5	4.5		
H293	557000	5446800	11	12	61	-0.008	-0.008			4.5	4.5		
H294	557400	5446700	17	7	89	-0.008	-0.008			4	4		
H295	556900	5446200	9	7	33	-0.008	-0.008			4	4		
H296	557100	5448000	11	10	51	-0.008	-0.008			11.9	11.9		
H297	557200	5444800	12	7	43	-0.008	-0.008			7.9	7.9		
H298	557100	5444800	12	6	25	0.015	0.015			12.5	12.5		
H299	556400	5443600	13	5	63	-0.008	-0.008			5	5		
H300	556100	5442400	12	7	48	-0.008	-0.008			4.5	4.5		
H301	562800	5456300	8	4	36	-0.008	-0.008			1.5	1.5		

912026

APPENDIX 1

EL25/94

AMG Locations and Analytical data for Stream Sediment Samples - Refer to Plan 1

Samp-id	Easting	Northing	Cu	Pb	Zn	Auav-ppm	Auppm	Au1ppm	Au2ppm	As-av	As05	As1	As50
H302	562900	5456300	6	5	20	-0.008	-0.008			2	2		
H303	562900	5456500	7	5	27	-0.008	-0.008			1.5	1.5		
H304	563500	5456600	7	4	19	-0.008	-0.008			1	1		
H305	564600	5456900	8	8	35	-0.008	-0.008			1.5	1.5		
H306	565200	5456800	10	6	29	-0.008	-0.008			2.5	2.5		
H307	566500	5456500	8	5	24	-0.008	-0.008			2	2		
H308	566900	5455600	10	9	25	-0.008	-0.008			3.5	3.5		
H309	565900	5456200	12	5	33	-0.008	-0.008			1.5	1.5		
H310	566900	5454900	9	4	18	-0.008	-0.008			3	3		
H311	567200	5454600	14	15	41	-0.008	-0.008			4	4		
H312	566500	5454200	8	3	12	-0.008	-0.008			1	1		
H313	566700	5453800	8	3	20	-0.008	-0.008			1	1		
H314	560700	5451000	47	12	86	-0.008	-0.008			5	5		
H315	560900	5451100	81	8	131	-0.008	-0.008			15.9	15.9		
H316	558100	5441700	10	6	41	-0.008	-0.008			2.5	2.5		
H317	558200	5441900	14	10	50	-0.008	-0.008			6.6	6.6		
H318	557900	5442500	13	13	58	-0.008	-0.008			7.6	7.6		
H319	557700	5443700	17	14	63	-0.008	-0.008			17	17		
H320	558400	5444900	25	15	47	-0.008	-0.008			4.5	4.5		
H321	558400	5444100	10	5	30	-0.008	-0.008			5.5	5.5		
H322	558400	5444200	19	10	80	-0.008	-0.008			4.1	4.1		
H323	559000	5444000	26	9	67	-0.008	-0.008			3.5	3.5		
H324	560100	5444500	11	10	70	-0.008	-0.008			2.5	2.5		
H325	560200	5445200	16	8	63	0.01	0.01			4.5	4.5		
H326	563200	5450800	32	32	82	-0.008	-0.008			5.1	5.1		
H327	563200	5450700	27	7	77	-0.008	-0.008			6.1	6.1		
H328	563600	5450400	33	16	106	-0.008	-0.008			3.4	3.4		
H329	563500	5450400	36	8	89	-0.008	-0.008			7.7	7.7		
H330	566200	5454700	8	-3	15	-0.008	-0.008			2	2		
H331	565100	5454700	11	-3	16	-0.008	-0.008			2.9	2.9		
H332	565100	5454600	12	-3	19	-0.008	-0.008			2	2		
H333	563900	5454700	14	-3	27	-0.008	-0.008			4	4		
H334	564400	5454500	9	6	22	-0.008	-0.008			2	2		
H335	564700	5455500	18	13	37	-0.008	-0.008			4.5	4.5		
H336	565400	5455400	26	9	47	0.012	0.012			3.9	3.9		
H337	565400	5455900	20	8	32	-0.008	-0.008	-0.008		6.2	6.2		
H338	565500	5453500	24	9	46	-0.008	-0.008			5.8	5.8		

712027

APPENDIX 1

EL25/94

AMG Locations and Analytical data for Stream Sediment Samples - Refer to Plan 1

Samp-id	Easting	Northing	Cu	Pb	Zn	Auav-ppm	Auppm	Au1ppm	Au2ppm	As-av	As05	As1	As50
H339	565400	5453400	10	-3	17	-0.008	-0.008			1.4	1.4		
H340	565400	5452800	9	6	26	-0.008	-0.008			3.9	3.9		
H341	567400	5449300	40	10	96	0.09	0.09			4.1	4.1		
H342	566400	5449900	19	4	84	-0.008	-0.008			3.9	3.9		
H343	566300	5449500	21	12	59	-0.008	-0.008			4.6	4.6		
H344	566200	5449400	21	10	50	-0.008	-0.008			3.4	3.4		
H345	565700	5449900	8	7	28	-0.008	-0.008			2.9	2.9		
H346	560400	5453100	55	12	49	-0.008	-0.008			8.7	8.7		
H347	560300	5452500	42	16	31	-0.008	-0.008	-0.008		7.1	7.1		
H348	560000	5452100	41	-3	33	-0.008	-0.008			6.4	6.4		
H349	561200	5452400	59	12	73	0.078	0.078			11	11		
H350	561300	5451700	47	14	47	-0.008	-0.008			18	18		
H351	560500	5451500	26	12	35	-0.008	-0.008			4.3	4.3		
H352	560300	5450600	12	12	39	-0.008	-0.008			2	2		
H353	564300	5451500	17	16	20	-0.008	-0.008			1	1		
H354	564000	5451100	11	10	29	-0.008	-0.008			3.6	3.6		
H355	564100	5449900	5	7	14	-0.008	-0.008			2	2		
H356	564400	5449400	9	9	25	-0.008	-0.008			4.4	4.4		
H357	563600	5449000	11	9	60	-0.008	-0.008			2.5	2.5		
H358	563200	5449500	7	8	58	-0.008	-0.008			2	2		
H359	563500	5449600	10	10	47	-0.008	-0.008			-0.5	-0.5		
H360	562800	5448300	14	8	64	-0.008	-0.008			1.9	1.9		
H361	562300	5448200	28	19	30	-0.008	-0.008			5.1	5.1		
H362	562600	5448800	25	13	105	-0.008	-0.008			3.5	3.5		
H363	562400	5449000	20	17	50	0.076	0.076			69	69		
H364	562500	5448800	14	12	39	-0.008	-0.008			2.5	2.5		
H365	563100	5449800	23	15	87	-0.008	-0.008			10	10		
H366	561400	5449200	12	18	52	0.314	0.314			340			340
H367	561300	5449200	9	5	33	-0.008	-0.008			3	3		
H368	561300	5448600	13	22	44	0.905	0.905			282			282
H369	561200	5448800	7	7	17	-0.008	-0.008			2	2		
H370	561300	5448300	18	15	73	0.92	0.92			2049			2049
H371	561400	5448300	10	10	62	0.0089	0.0089			15	15		
H372	560900	5448300	22	12	87	-0.008	-0.008			12.1	12.1		
H373	561200	5447600	17	19	73	1.05	1.05			745			745
H374	561100	5447800	12	9	35	-0.008	-0.008			23.5	23.5		
H375	560600	5447900	19	25	71	-0.008	-0.008			4.5	4.5		

712028

APPENDIX 1

EL25/94

AMG Locations and Analytical data for Stream Sediment Samples - Refer to Plan 1

Samp-id	Easting	Northing	Cu	Pb	Zn	Auav-ppm	Auppm	Au1ppm	Au2ppm	As-av	As05	As1	As50
H376	561100	5447100	11	9	21	0.01	0.01			6.8	6.8		
H377	560200	5447400	10	10	27	-0.008	-0.008			2.9	2.9		
H378	565000	5449900	20	-3	44	0.032	0.032			2.5	2.5		
H379	565500	5449300	10	5	33	-0.008	-0.008			2	2		
H380	565600	5449200	15	10	54	0.028	0.028			10.5	10.5		
H381	565800	5448700	15	11	40	0.384	0.384			28.5	28.5		
H382	565900	5448800	29	8	75	-0.008	-0.008			28.5	28.5		
H383	566400	5448400	17	9	43	-0.008	-0.008			8.5	8.5		
H384	564900	5448800	14	8	46	-0.008	-0.008			2	2		
H385	565300	5448800	12	3	32	-0.008	-0.008			4.5	4.5		
H386	565000	5447900	15	3	21	-0.008	-0.008			4	4		
H387	565100	5447900	15	6	29	-0.008	-0.008			5.5	5.5		
H388	563800	5448100	18	6	60	-0.008	-0.008			2	2		
H389	565400	5447500	13	5	23	-0.008	-0.008	-0.008		4.5	4.5		
H390	564500	5448300	12	7	34	-0.008	-0.008			1	1		
H391	561800	5447700	16	11	40	-0.008	-0.008			4.5	4.5		
H392	563700	5446500	14	14	24	-0.008	-0.008			2.5	2.5		
H393	562100	5447300	17	17	69	-0.008	-0.008			8.5	8.5		
H394	560000	5446600	12	16	32	0.012	0.012			5.5	5.5		
H395	561100	5446200	13	9	40	0.02	0.02			19.5	19.5		
H396	560500	5445400	17	17	73	-0.008	-0.008			7	7		
H397	563700	5446100	14	13	30	-0.008	-0.008			3.5	3.5		
H398	563800	5445700	16	15	65	-0.008	-0.008			5	5		
H399	563700	5445100	16	12	64	-0.008	-0.008	-0.008		3.5	3.5		
H400	563100	5445300	12	13	54	-0.008	-0.008			3	3		
H401	563200	5445700	16	8	96	-0.008	-0.008			2.5	2.5		
H402	563300	5445700	20	15	80	-0.008	-0.008			4.5	4.5		
H403	560300	5443800	23	24	63	0.082	0.082			7	7		
H404	560700	5444000	13	12	50	-0.008	-0.008			3.5	3.5		
H405	560700	5444000	12	11	40	0.0089	0.0089			4	4		
H406	560800	5443500	19	9	59	0.013	0.013			6	6		
H407	560800	5443200	19	10	65	0.008	0.008			3.5	3.5		
H408	562400	5446400	22	14	77	0.024	0.024			2.5	2.5		
H409	562400	5445900	16	13	141	0.01	0.01			2	2		
H410	562100	5446200	17	17	62	-0.008	-0.008			3	3		
H411	562100	5445600	10	12	50	-0.008	-0.008			2.5	2.5		
H412	561800	5446100	17	9	62	-0.008	-0.008			3.5	3.5		

712029

APPENDIX 1

EL25/94

AMG Locations and Analytical data for Stream Sediment Samples - Refer to Plan 1

Samp-id	Easting	Northing	Cu	Pb	Zn	Auav-ppm	Auppm	Au1ppm	Au2ppm	As-av	As05	As1	As50
H413	561900	5445500	19	80	56	1.581	1.581			1175			1175
H414	561500	5445800	22	54	72	0.966	1.041	0.891		175			175
H415	561000	5445100	34	24	58					575			575
H416	561100	5445100	20	18	97	0.035	0.035			24	24		
H417	567700	5451000	19	8	67	-0.008	-0.008			4	4		
H418	567500	5450300	12	3	36	-0.008	-0.008			3	3		
H419	567000	5450600	13	5	64	-0.008	-0.008			3	3		
H420	566800	5451200	20	8	57	-0.008	-0.008			4	4		
H421	567300	5451700	12	5	31	-0.008	-0.008			2	2		
H422	567800	5452600	8	3	14	-0.008	-0.008			1	1		
H423	567900	5452600	11	10	17	-0.008	-0.008			1	1		
H424	565600	5450300	12	16	50	-0.008	-0.008			15.5	15.5		
H425	565600	5450600	13	17	47	-0.008	-0.008			7.5	7.5		
H426	565500	5450600	9	13	45	-0.008	-0.008			4.5	4.5		
H427	559800	5444100	14	13	53	-0.008	-0.008			4.5	4.5		
H428	558800	5443400	16	20	62	-0.008	-0.008			6	6		
H429	558600	5442700	25	18	44	-0.008	-0.008			7	7		
H430	558400	5442600	40	15	51	-0.008	-0.008			6	6		
H431	558800	5441500	14	11	33	-0.008	-0.008			2.5	2.5		
H432	559400	5443200	10	14	36	-0.008	-0.008			2.5	2.5		
H433	559800	5443000	13	18	52	-0.008	-0.008			4	4		
H434	559200	5442100	15	19	70	-0.008	-0.008			5.5	5.5		
H435	559700	5441600	11	16	45	-0.008	-0.008			3.5	3.5		
H436	559600	5441500	13	15	47	-0.008	-0.008			3.5	3.5		
H437	558700	5440300	11	9	22	-0.008	-0.008			1.5	1.5		
H438	558600	5440700	15	13	43	-0.008	-0.008			3	3		
H439	556200	5448600	16	17	36	-0.008	-0.008			11.5	11.5		
H440	556600	5448100	20	14	81					11	11		
H441	557800	5445300	29	15	33	-0.008	-0.008			7.5	7.5		
H442	556200	5442100	23	12	29	-0.008	-0.008		-0.008	4	4		
H443	556100	5441600	14	13	25	-0.008	-0.008			6	6		
H444	556100	5441300	12	7	52	-0.008	-0.008			14.5	14.5		
H445	556100	5441100	12	9	43	-0.008	-0.008			7.5	7.5		
H446	556700	5441100	16	13	50	-0.008	-0.008			4.5	4.5		
H447	556100	5440200	18	11	45	-0.008	-0.008			9.5	9.5		
H448	556500	5440000	20	14	47	-0.008	-0.008			8	8		
H557	563200	5452100	10	4	17	-0.008	-0.008	-0.008		1.5	1.5		

712030

APPENDIX 1

EL25/94

AMG Locations and Analytical data for Stream Sediment Samples - Refer to Plan 1

Samp-id	Easting	Northing	Cu	Pb	Zn	Auav-ppm	Auppm	Au1ppm	Au2ppm	As-av	As05	As1	As50
H558	562700	5451700	11	17	126	-0.008	-0.008			2	2		
H559	562700	5451800	7	3	18	-0.008	-0.008			1.5	1.5		
H560	562500	5452600	8	4	15	-0.008	-0.008			1.5	1.5		
H561	562900	5452500	9	4	14	-0.008	-0.008			1.5	1.5		
H562	564900	5453500	14	4	29	-0.008	-0.008			3.5	3.5		
H563	564300	5453700	19	20	112	-0.008	-0.008			6	6		
H564	563800	5453900	14	7	34	-0.008	-0.008			2	2		
H565	563900	5454100	13	7	25	-0.008	-0.008			2.5	2.5		
H566	563700	5452300	9	-3	15	-0.008	-0.008			2	2		
H567	563700	5453100	19	8	24	-0.008	-0.008	-0.008		2.5	2.5		
H568	564300	5452900	10	7	51	-0.008	-0.008			2.5	2.5		
H569	564300	5452800	15	5	31	-0.008	-0.008			5	5		
H570	564900	5453100	12	6	28	-0.008	-0.008			4.5	4.5		
H571	562500	5450500	19	9	47	-0.008	-0.008			2	2		
H572	562600	5453800	43	9	40	-0.008	-0.008			13.5	13.5		
H573	562900	5453900	50	13	47	-0.008	-0.008			9.5	9.5		
H574	561500	5450000	17	9	39	0.01	0.01			7	7		
H575	561500	5450800	33	17	83	-0.008	-0.008			20	20		
H576	560000	5454000	38	6	44	-0.008	-0.008			3	3		
H577	561700	5454300	12	4	22	-0.008	-0.008			1.5	1.5		
H595	561550	5449850	9	9	51	0.179	0.179			26.5		26.5	
H596	562150	5449950	10	10	50	0.134	0.134						
H627	567550	5451500	14	5	43	-0.008	-0.008			12		12	
H630	561500	5448550	8	10	57	-0.008	-0.008			6		6	
H784	557890	5453910	11	11	29	-0.008	-0.008			15.5	15.5		
H785	558040	5454070	16	12	53	-0.008	-0.008			51.5	50		53
H786	558230	5454230	15	11	32	-0.008	-0.008			17.1	17.1		
H787	558310	5454420	20	6	40	-0.008	-0.008			5.5	5.5		
H788	558270	5454410	14	6	27	-0.008	-0.008			15.6	15.6		
H789	558100	5454260	15	14	39	-0.008	-0.008			17.3	17.3		
H790	558050	5453650	14	10	26	-0.008	-0.008	-0.008		13.1	13.1		
H791	558200	5453800	13	7	32	-0.008	-0.008			7.5	7.5		
H792	558350	5454050	11	12	28	-0.008	-0.008			10.6	10.6		
H793	558500	5454130	13	7	23	-0.008	-0.008			9	9		
H794	558550	5454130	12	8	20	-0.008	-0.008			9.3	9.3		
H795	558550	5453900	15	9	25	-0.008	-0.008			40	40		
H796	558550	5453650	13	11	29	-0.008	-0.008			5	5		

712031

APPENDIX 1

EL25/94

AMG Locations and Analytical data for Stream Sediment Samples - Refer to Plan 1

Samp-id	Easting	Northing	Cu	Pb	Zn	Auav-ppm	Auppm	Au1ppm	Au2ppm	As-av	As05	As1	As50
H797	558500	5453400	28	18	33	-0.008	-0.008			10.7	10.7		
H798	557400	5453000	18	12	38	-0.008	-0.008			10.4	10.4		
H799	557550	5452800	18	16	33	-0.008	-0.008			11.4	11.4		
H800	557650	5452600	28	13	31	-0.008	-0.008	-0.008		11.5	11.5		
H801	557700	5452400	52	40	67	-0.008	-0.008			14.3	14.3		
H802	557950	5452350	30	16	36	-0.008	-0.008			9.1	9.1		
H803	557520	5453050	14	6	20	-0.008	-0.008			18	18		
H804	557650	5453100	15	8	84	-0.008	-0.008			83			83
H805	557000	5453100	32	8	183	-0.008	-0.008			45.1	45.1		
H806	557900	5453020	41	10	135	-0.008	-0.008			16.2	16.2		
H807	558130	5453050	33	11	34	-0.008	-0.008			5.5	5.5		
H808	557850	5452980	24	26	79	-0.008	-0.008			62			62
H809	557930	5452780	17	11	30	-0.008	-0.008			26.1	26.1		
H810	557330	5452660	11	5	16	-0.008	-0.008			5.4	5.4		
H811	556950	5452380	38	15	100	-0.008	-0.008			5.5	5.5		
H812	557200	5452380	12	7	25	-0.008	-0.008			3.5	3.5		
H813	557330	5452330	14	12	26	-0.008	-0.008			6.2	6.2		
H814	557350	5452070	24	18	210	-0.008	-0.008			20.4	20.4		
H815	557540	5452160	23	15	36	-0.008	-0.008	-0.008		3.2	3.2		
H816	557550	5452150	18	7	27	-0.008	-0.008			1.2	1.2		
H817	557250	5451700	16	8	33	-0.008	-0.008			3.4	3.4		
H818	557430	5451800	37	15	86	-0.008	-0.008			14.3	14.3		
H819	557650	5451860	18	6	31	-0.008	-0.008			2.3	2.3		
H820	557520	5451550	21	11	58	-0.008	-0.008			1.3	1.3		
H821	557700	5451640	24	10	37	-0.008	-0.008			0.6	0.6		
H822	557900	5451450	44	32	126	-0.008	-0.008			7.7	7.7		
H823	557920	5451450	21	10	79	-0.008	-0.008			4.9	4.9		
H824	557940	5451660	37	45	36	-0.008	-0.008			57			57
H825	557960	5451910	46	67	42	-0.008	-0.008	-0.008		37.6	37.6		
H826	558110	5451570	23	10	167	-0.008	-0.008			18.1	18.1		
H827	558220	5451840	21	19	32	-0.008	-0.008			11.2	11.2		
H828	558660	5452330	22	23	55	-0.008	-0.008			8	8		
H829	558450	5452430	20	5	34	-0.008	-0.008			7.9	7.9		
H830	558280	5452600	17	9	82	-0.008	-0.008			40.2	40.2		
H831	558110	5452730	16	12	66	-0.008	-0.008			13.7	13.7		
H832	557650	5453470	15	12	37	-0.008	-0.008			41.2	41.2		
H833	557880	5453490	14	8	20	-0.008	-0.008			37.7	37.7		

712032

APPENDIX 1

EL25/94

AMG Locations and Analytical data for Stream Sediment Samples - Refer to Plan 1

Samp-id	Easting	Northing	Cu	Pb	Zn	Auav-ppm	Auppm	Au1ppm	Au2ppm	As-av	As05	As1	As50
H834	557880	5453500	15	8	32	-0.008	-0.008			17.4	17.4		
H835	557730	5453660	10	10	27	-0.008	-0.008			17.5	17.5		
H836	557500	5453590	39	23	48	-0.008	-0.008			2.9	2.9		
H837	557390	5453440	18	17	37	-0.008	-0.008			19	19		
H841	561270	5452160	39	12	60	-0.008	-0.008			9.3	9.3		
H842	561250	5452450	65	17	46	-0.008	-0.008			15.9	15.9		
H843	561230	5452720	57	20	55	-0.008	-0.008			27.7	27.7		
H844	561350	5451910	63	15	40	-0.008	-0.008			13.8	13.8		
H845	561380	5451910	62	16	38	-0.008	-0.008			6.7	6.7		
H846	561450	5452140	87	28	69	-0.008	-0.008			8.3	8.3		
H847	561580	5452300	81	15	38	-0.008	-0.008			18.4	18.4		
H848	560940	5451220	26	11	22	-0.008	-0.008			6.9	6.9		
H849	560950	5451470	38	21	21	-0.008	-0.008			10.5	10.5		
H850	560950	5451730	24	10	22	-0.008	-0.008	-0.008		9.9	9.9		
H851	565200	5455500	24	15	37	-0.008	-0.008			5.5	5.5		
H852	565200	5455550	14	4	21	-0.008	-0.008			1.8	1.8		
H853	564950	5454600	13	6	17	-0.008	-0.008			1.7	1.7		
H1221	557280	5444940	39	23	68	-0.008	-0.008			20	20		
H1222	557480	5445050	33	20	61	-0.008	-0.008			13	13		
H1223	557750	5445300	24	19	26	-0.008	-0.008			17	17		
H1224	557650	5445150	33	17	29	-0.008	-0.008			14	14		
H1225	557680	5444500	22	23	31	-0.008	-0.008			11	11		
H1226	557660	5444750	30	23	37	-0.008	-0.008			11	11		
H1227	557460	5444600	20	11	52	-0.008	-0.008			10	10		
H1228	557220	5444560	20	15	50	-0.008	-0.008			24	24		
H1229	557460	5444620	17	11	32	-0.008	-0.008			15	15		
H1230	557400	5444400	25	23	41	-0.008	-0.008			24	24		
H1231	557420	5444400	17	19	44	-0.008	-0.008			18	18		
H1232	557550	5443550	24	21	61	-0.008	-0.008	-0.008		16	16		
H1233	557350	5443450	22	24	39	-0.008	-0.008			12	12		
H1234	557150	5443300	35	29	47	-0.008	-0.008			12	12		
H1235	566450	5449600	34	24	49	-0.008	-0.008		-0.008	6	6		
H1236	566080	5449380	26	12	34	-0.008	-0.008			7.5	7.5		
H1237	566400	5449250	22	11	53	-0.008	-0.008			6.2	6.2		
H1238	566420	5449230	42	11	70	-0.008	-0.008			5	5		
H1239	566500	5449000	57	10	88	-0.008	-0.008			5.2	5.2		
H1240	566590	5449350	20	15	33	-0.008	-0.008			7.8	7.8		

712033

APPENDIX 1

EL25/94

AMG Locations and Analytical data for Stream Sediment Samples - Refer to Plan 1

Samp-id	Easting	Northing	Cu	Pb	Zn	Auav-ppm	Auppm	Au1ppm	Au2ppm	As-av	As05	As1	As50
H1241	566300	5449250	25	15	37	-0.008	-0.008			13	13		
H1242	561860	5450600	23	19	76	-0.008	-0.008	-0.008		15	15		
H1243	561800	5450370	28	19	47	-0.008	-0.008		-0.008	5.9	5.9		
H1244	561670	5450250	30	10	82	-0.008	-0.008			9.4	9.4		
H1245	561550	5450060	20	11	71	-0.008	-0.008			4.5	4.5		
H1246	561550	5449940	13	6	26	-0.008	-0.008			8.4	8.4		
H1247	567060	5449050	56	11	142	-0.008	-0.008			6	6		
H1248	567200	5449300	26	16	41	-0.008	-0.008			6.8	6.8		
H1249	567400	5449250	47	16	79	-0.008	-0.008			3.4	3.4		
H1250	567550	5449230	18	11	34	-0.008	-0.008			6	6		
H1251	567300	5450040	21	12	46	-0.008	-0.008			5.8	5.8		
H1252	567180	5449860	21	11	170	-0.008	-0.008			5.6	5.6		
H1253	566310	5448630	19	18	38	-0.008	-0.008			20	20		
H1254	566330	5448660	21	14	35	-0.008	-0.008			7.5	7.5		
H1255	566120	5448760	21	19	55	-0.008	-0.008			28	28		
H1256	565930	5448750	23	18	53	-0.008	-0.008			18	18		
H1257	565780	5448720	14	12	35	0.185	0.169	0.201		22	22		
H1258	565900	5448550	14	19	45	0.011	0.011			36	36		
H1263	565730	5448780	20	13	29	-0.008	-0.008			6.6	6.6		
H1264	565720	5448540	18	17	36	-0.008	-0.008			7.6	7.6		
H1265	565460	5448250	29	25	38	-0.008	-0.008			6.4	6.4		
H1266	565250	5448360	21	21	24	-0.008	-0.008			8.8	8.8		
H1267	561650	5451000	23	25	32	-0.008	-0.008	-0.008		11	11		
H1268	561540	5450800	43	24	68	-0.008	-0.008			11	11		
H1269	561300	5450550	48	25	34	-0.008	-0.008			11	11		
H1270	561330	5450350	28	26	100	-0.008	-0.008			21	21		
H1271	561420	5450150	14	22	34	-0.008	-0.008			12	12		
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		50

Any negative value indicates sample analysis below detection limits.

712034

APPENDIX 2:

ANALYTICAL DATA FOR SOIL SAMPLES

Part 1: Forester Plantation – refer to Plan 2
Part 2: Derby and North Mara – refer to Plan 3C
Part 3: Golden Mara – refer to Plan 3B

Analyst: Analabs Pty Ltd
14 Thirkell Street
Coonee
Tasmania 7320

Analabs codes: SP Prep: GP033, GP031, GP007
Au/GG340
Cu, Pb, Zn/GA140
As/HA140, As/GA140.

APPENDIX 2

EL25/94

712036

Analytical Data for Soil Samples- refer to PLANS 2 & 3

PART 1: FORESTER PLANTATION- refer to PLAN 2

samp-id	Cu	Pb	Zn	Au	As-av	As05	As50
H1886	14	19	46	0.26	33	33	
H1887	8	12	40	0.38	64		64
H1888	4	14	29	2.62	34	34	
H1889	6	14	29	2.52	77		77
H1890	6	16	31	0.58	22	22	
H1891	2	9	28	0.78	4	4	
H1892	8	23	36	0.18	16	16	
H1893	7	17	27	20	325		325
H1894	17	26	33	26.4	900		900
H1895	4	8	26	1.44	50		50
H1896	12	22	30	2.88	110		110
H1897	6	15	26	0.44	17	17	
H1898	6	17	26	0.11	8	8	
H1899	14	31	35	0.85	19	19	
H1900	5	22	29	0.16	2	2	
H1901	6	14	34	0.85	8	8	
H1902	9	20	44	0.34	12	12	
H1903	9	18	44	0.34	7	7	
H1904	12	22	41	1.13	20	20	
H1905	19	19	45	1.93	25	25	
H1906	18	25	40	0.08	83		83
H1907	16	14	25	12.2	7	7	
H1988	15	20	35	3	50	50	
H1989	17	25	37	16.2	260		260
H1990	11	33	20	9.78	107		107
H1991	9	19	19	0.27	2	2	
H1992	12	22	32	0.37	4	4	
H1993	11	33	33	1.3	12	12	
H1994	11	27	48	1.8	12	12	
H1995	20	21	43	6.32	14	14	
H1996	14	24	35	37	50		50
H1997	13	17	49	0.4	3	3	
H2001	8	6	27	3.46	12	12	
H2002	9	12	34	3.59	50		50
H2003	9	24	53	1.21	14	14	
H2004	19	33	41	0.49	4	4	
H2005	10	17	22	0.4	3	3	
H2006	16	12	70	0.43	2	2	

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.

*Analytical Data for Soil Samples- refer to PLANS 2 & 3***PART 2: DERBY NORTH AND NORTH MARA- refer to PLAN 3C**

samp-id	Cu	Pb	Zn	Au	As-av	As05	As50
H1936	10	7	13	15.74	13	13	
H1936A	10	25	55	5.06	9.2	9.2	
H1937	10	16	16	13.39	45	45	
H1938	13	8	20	2.92	14	14	
H1939	14	7	37	67.4	82		82
H1940	9	16	39	6.38	160		160
H1940A	6	11	16	12.4	25	25	
H1941	10	15	19	2.08	35	35	
H1942	5	5	12	1.03	5.7	5.7	
H1943	6	22	14	592	49	49	
H1944	7	9	14	18.9	37	37	
H1945	5	9	18	12.9	49	49	
H1946	7	7	15	3.72	11	11	
H1947	6	14	16	7.33	50		50
H1948	4	9	15	59.9	34	34	
H1949	6	13	17	361	130		130
H1950	9	21	25	82.3	50		50
H1951	11	17	19	5.06	26	26	
H1952	9	18	18	6.38	27	27	
H1953	9	15	18	20.6	50		50
H1954	7	17	20	24.4	51		51
H1955	7	12	24	33	50		50
H1956	5	12	15	2.58	6	6	
H1957	7	13	19	0.97	7	7	
H1958	7	14	22	147	38	38	
H1959	4	11	14	28.6	12	12	
H1960	8	15	20	12.1	4.2	4.2	
H1961	11	18	19	148	5.4	5.4	
H1962	5	9	12	2.51	2.5	2.5	
H1963	4	13	16	2.93	18	18	
H1964	4	16	15	58.2	8.9	8.9	
H1965	4	17	15	75.1	47	47	
H1966	15	43	38	39	49	49	
H1967	6	13	18	10.99	6.4	6.4	
H1968	6	11	12	0.9	5	5	
H1969	6	12	15	2.74	12	12	
H1970	6	16	25	14.8	6.7	6.7	
H1971	6	12	13	1.08	0.9	0.9	
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 2

EL25/94

Analytical Data for Soil Samples- refer to PLANS 2 & 3

PART 3: GOLDEN MARA- refer to PLAN 3B

Sample id	Cu	Pb	Zn	Auppb	As-av	As05	As50
H1972	19	31	45	7.67	74		74
H1973	12	20	34	28.6	65		65
H1974	27	23	37	21.8	53		53
H1975	12	17	21	2.51	5	5	
H1976	12	22	25	61.3	69		69
H1977	22	28	36	98.4	400		400
H1978	14	17	41	4.65	7	7	
H1979	11	32	26	218	336		336
H1980	12	18	25	4.13	6	6	
H1981	7	19	18	58.8	48	48	
H1982	10	8	18	108	36	36	
H1983	9	21	21	73.2	44	44	
H1984	8	18	28	3.95	7	7	
H1985	14	15	22	33.4	27	27	
H1986	13	32	32	130	440		440
H1987	11	24	30	24.2	25	25	
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 25/94

Sample ID	Easting	Northing	Description
H131	561100	5446650	Sandstone with pale, massive quartz veins, ? gossan.
H132	"	"	Sandstone with banded quartz veins.
H133	"	"	Quartz, laminated pale massive and dark grey granular, pyrite.
H134	561100	5445950	Cataclasite with vein quartz lenticules.
H135	"	"	Cataclasite with pale granular quartz, limonite.
H136	"	"	? Sandstone, numerous quartz veins, little limonite.
H137	"	"	Siltstone with many honey-coloured quartz veins.
H138	"	"	Sandstone with quartz veins, limonite selvages.
H139	"	"	Sandstone with quartz veins, limonite selvages.
H140	"	"	Sandstone with quartz veins, thicker limonite selvages.
H141	561275	5445850	Quartz, pale, granular, fragmental, no limonite.
H142	"	"	Quartz, pale, granular, fragmental, no limonite.
H143	566650	5454525	Quartz, pale, granular.
H145	562300 (Renown prospect)	5449050	Quartz, pale, granular, fragmental, little limonite.
H146	558450 (Malabar prospect)	5450425	Quartz, probable mullock.
H147	"	"	Quartz, probable mullock.
H153	558250	5453350	Quartz, pale, massive, cellular limonite patches.
H154	557900	5453600	Quartz, pale, massive, limonite seams, ? gossan.
H155	"	"	Sandstone, stockwork of limonite seams.
H156	557550	5453650	Quartz, pale, limonite after ? silicate.
H157	"	"	Sandstone, pale quartz with limonite in veins.
H158	"	"	Sandstone, but mostly limonite/goethite vein.
H159	557425	5453375	Quartz, pale, massive, limonite on fractures.
H160	557700	5454000	Cataclasite, pale granular quartz lenticules, limonite.
H161	"	"	Cataclasite, pale granular quartz lenticules, limonite.
H162	557750	5453825	Quartz, dark grey, granular, limonite in vughs.
H163	557700	5453925	Sandstone, pale quartz veins with limonite.
H164	557750	5453825	Cataclasite, quartz lenticules, limonite.
H934	566150 (Kerrison's prospect)	5448500	Quartz, mullock.

Sample ID	Easting	Northing	Description
H936	557750	5451550	Quartz, pale, limonite seams.
H938	561100	5451400	Sandstone and quartz, pale, massive, wolframite, gossan patches.
H939	"	"	Sandstone and quartz, pale, massive, wolframite, few gossan patches.
H940	"	"	Quartz, pale, massive, wolframite, few gossan patches.
H942	561775	5451775	Quartz, pale, granular, sericite patches.
H943	"	"	Quartz, pale, granular, sericite, cellular limonite.

APPENDIX 4:
ANALYTICAL DATA FOR ROCK CHIP SAMPLES

Analyst: Analabs Pty Ltd
14 Thirkell Street
Coee
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

EL25/94

Analytical Data for Rock Chip Samples.

Sample id	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As50
H131	14	32	48	-0.008	-0.008			47	47	
H132	12	16	34	0.02	0.02			48	48	
H133	21	4	19	2.08	2.08			1182		1182
H134	40	25	60	0.129	0.129			91		91
H135	47	16	47	0.009	0.009			82		82
H136	24	11	26	0.063	0.063			79		79
H137	24	26	62	-0.008	-0.008			50		50
H138	16	18	48	-0.008	-0.008			34	34	
H139	23	26	32	-0.008	-0.008			26	26	
H140	17	20	55	-0.008	-0.008			9.4	9.4	
H141	12	8	24	-0.008	-0.008			114		114
H142	11	18	42	0.019	0.016	0.022		41	41	
H143	23	19	52	0.01	0.01	-0.008		8.1	8.1	
H145	14	8	39	0.152	0.202	0.163	0.092	98		98
H146	8	6	45	-0.008	-0.008			5	5	
H147	14	32	14	0.134	0.134			17.7	17.7	
H153	7	-3	8	0.01	0.01			42.3	42.3	
H154	12	15	10	0.277	0.277			2318		2318
H155	18	15	24	0.008	0.008			189		189
H156	6	4	21	-0.008	-0.008	-0.008		22.3	22.3	
H157	7	13	19	-0.008	-0.008			22.4	22.4	
H158	39	39	194	-0.008	-0.008			148		148
H159	7	4	14	-0.008	-0.008			11.5	11.5	
H160	19	11	107	0.021	0.021			141		141
H161	34	8	118	0.05	0.05			331		331
H162	10	24	15	0.026	0.026			20.5	20.5	
H163	18	12	26	-0.008	-0.008			26.8	26.8	
H164	21	18	51	0.019	0.019			137		137
H936	5	-3	13	-0.008	-0.008			0	0	
H938	116	8	13	0.23	0.23			31	31	
H939	105	15	17	0.027	0.027			39	39	
H940	38	29	20	0.143	0.143			26	26	
H942	35	219	16	-0.008	-0.008			557		557
H943	406	672	36	-0.008	-0.008			975		975
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

Any negative value indicates sample analysis below detection limits.

APPENDIX 5:**ANALYTICAL DATA FOR CHANNEL SAMPLES****Part 1: Derby-North Mara area****Part 2: Golden Mara prospect**

Analyst: Analabs Pty Ltd
14 Thirkell Street
Cooee
Tasmania 7320

Analabs codes: RD Prep: GPO33, GP013
Cu, Pb, Zn/GA140
As/HA140, As/GA140
Au, Au(R), Au(S)/GG309.

APPENDIX 5

EL25/94

Analytical Data for Channel Samples from Trenches A to G- refer to PLAN 3

PART 2: GOLDEN MARA PROSPECT.

hole-id	samp-id	from	to	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As50
TRENCH-E	H2164	0	2	16	21	45	-0.008	-0.008			42	42	
TRENCH-E	H2165	2	4	13	18	39	-0.008	-0.008			50		50
TRENCH-E	H2166	4	6	11	27	32	0.014	0.014			108		108
TRENCH-E	H2167	6	8	13	27	50	0.036	0.036			72		72
TRENCH-E	H2168	8	10	12	27	63	0.024	0.024			82		82
TRENCH-E	H2169	10	12	17	28	42	0.016	0.016			70		70
TRENCH-E	H2170	12	14	13	19	32	0.033	0.033			50		50
TRENCH-E	H2171	14	16	10	13	15	0.009	0.009			50		50
TRENCH-E	H2172	16	18	12	14	18	0.0205	0.014	0.027		50		50
TRENCH-E	H2173	18	20	14	18	20	0.015	0.015			50		50
TRENCH-E	H2174	20	22	16	26	30	0.084	0.084			50		50
TRENCH-E	H2175	22	24	13	16	25	0.085	0.085			46	46	
TRENCH-E	H2176	24	26	22	20	85	0.201	0.201			50		50
TRENCH-E	H2177	26	28	21	17	41	0.202	0.202			434		434
TRENCH-E	H2178	28	30	20	23	47	0.319	0.319			736		736
TRENCH-E	H2179	30	32	17	20	21	0.413	0.413			182		182
TRENCH-E	H2180	32	34	20	23	40	0.394	0.394			140		140
TRENCH-E	H2181	34	36	22	28	51	0.374	0.374			170		170
TRENCH-E	H2182	36	38	23	20	41	0.204	0.204			126		126
TRENCH-E	H2183	38	40	27	30	53	0.098	0.092		0.104	139		139
TRENCH-E	H2184	40	42	32	28	32	0.197	0.197			335		335
TRENCH-E	H2185	42	44	21	15	27	0.497	0.497			329		329
TRENCH-E	H2186	44	46	15	18	38	0.478	0.478			646		646
TRENCH-E	H2187	46	48	17	27	29	0.0695	0.067	0.072		175		175
TRENCH-E	H2188	48	50	15	23	29	0.126	0.126			129		129
TRENCH-E	H2189	50	52	21	19	32	0.157	0.157			168		168
TRENCH-E	H2190	52	54	18	20	33	0.256	0.256			537		537
TRENCH-E	H2191	54	56	22	29	40	0.65	0.665		0.635	914		914

712045

APPENDIX 5

EL25/94

Analytical Data for Channel Samples from Trenches A to G- refer to PLAN 3

PART 2: GOLDEN MARA PROSPECT.

hole-id	samp-id	from	to	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As50
TRENCH-E	H2192	56	58	20	16	25	0.237	0.237			103		103
TRENCH-E	H2193	58	60	16	21	50	0.55	0.55			694		694
TRENCH-E	H2194	60	62	17	55	52	0.599	0.599			1116		1116
TRENCH-E	H2195	62	64	14	18	33	0.314	0.314			215		215
TRENCH-F	H2206	0	2	17	33	29	0.178	0.178			194		194
TRENCH-F	H2207	2	4	12	16	21	0.178	0.192	0.164		167		167
TRENCH-F	H2208	4	6	16	34	38	0.279	0.279			170		170
TRENCH-F	H2209	6	8	21	28	22	0.195	0.195			177		177
TRENCH-F	H2210	8	10	19	26	23	0.189	0.189			417		417
TRENCH-F	H2211	10	12	12	20	18	0.119	0.119			730		730
TRENCH-F	H2212	12	14	16	23	30	0.234	0.234			711		711
TRENCH-F	H2214	16	18	20	29	43	0.144	0.144			159		159
TRENCH-F	H2215	18	20	22	29	28	0.24	0.24			181		181
TRENCH-F	H2216	20	22	17	23	20	0.201	0.201			309		309
TRENCH-F	H2217	22	24	8	19	15	0.113	0.113			279		279
TRENCH-F	H2218	24	26	11	17	15	0.13	0.13			263		263
TRENCH-F	H2219	26	28	19	34	51	0.232	0.232			343		343
TRENCH-F	H2220	28	30	18	32	21	0.272	0.272			200		200
TRENCH-F	H2221	30	32	11	23	20	0.289	0.289			234		234
TRENCH-F	H2222	32	34	13	30	23	0.315	0.315			314		314
TRENCH-F	H2223	34	36	14	20	27	0.395	0.405	0.363	0.416	465		465
TRENCH-F	H2224	36	38	14	23	64	0.244	0.244			311		311
TRENCH-F	H2225	38	40	10	18	16	0.2	0.2			246		246
TRENCH-F	H2226	40	42	14	26	19	0.609	0.609			654		654
TRENCH-F	H2227	42	44	21	32	27	0.573	0.573			645		645
TRENCH-F	H2228	44	46	21	24	27	0.152	0.152			308		308
TRENCH-F	H2229	46	48	18	25	21	0.201	0.201			508		508
TRENCH-F	H2230	48	50	25	16	32	0.085	0.085			164		164

712046

APPENDIX 5

EL25/94

Analytical Data for Channel Samples from Trenches A to G- refer to PLAN 3

PART 2: GOLDEN MARA PROSPECT.

hole-id	samp-id	from	to	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As50
TRENCH-F	H2231	50	52	16	18	20	0.089	0.089			195		195
TRENCH-F	H2232	52	54	13	18	22	0.128	0.128			172		172
TRENCH-F	H2233	54	56	13	23	19	0.087	0.091	0.083		157		157
TRENCH-F	H2234	56	58	17	20	30	0.14	0.14			227		227
TRENCH-F	H2235	58	60	16	21	30	0.114	0.114			237		237
TRENCH-F	H2236	60	62	16	20	19	0.042	0.042			83		83
TRENCH-F	H2237	62	64	20	18	29	0.093	0.093			144		144
TRENCH-F	H2238	64	66	12	22	27	0.383	0.383			167		167
TRENCH-F	H2239	66	68	13	26	35	0.182	0.176		0.188	278		278
TRENCH-F	H2240	68	70	18	24	28	0.326	0.326			565		565
TRENCH-F	H2241	70	72	13	60	37	0.434	0.434			204		204
TRENCH-F	H2242	72	74	19	18	36	0.111	0.111			205		205
TRENCH-F	H2243	74	76	17	15	32	0.049	0.049			174		174
TRENCH-F	H2244	76	78	16	20	26	0.082	0.082			152		152
TRENCH-F	H2245	78	80	23	16	44	0.093	0.093			248		248
TRENCH-F	H2246	80	82	14	16	19	0.125	0.125			382		382
TRENCH-F	H2247	82	84	18	11	25	0.101	0.101			262		262
TRENCH-F	H2248	84	86	18	13	21	0.0975	0.098	0.097		254		254
TRENCH-F	H2249	86	88	17	16	22	1.637	1.637			355		355
TRENCH-G	H2250	0	2	30	17	48	0.055	0.055			484		484
TRENCH-G	H2251	2	4	23	11	36	0.065	0.065			285		285
TRENCH-G	H2252	4	6	19	10	32	0.039	0.039			67		67
TRENCH-G	H2253	6	8	22	20	35	0.035	0.035			72		72
TRENCH-G	H2254	8	10	19	14	19	0.037	0.037			95		95
TRENCH-G	H2255	10	12	17	18	30	0.035	0.035			71		71
TRENCH-G	H2256	12	14	34	22	39	0.018	0.018			127		127
TRENCH-G	H2257	14	16	26	17	42	0.027	0.027			175		175
TRENCH-G	H2258	16	18	26	20	54	0.052	0.055	0.049		140		140

APPENDIX 5

EL25/94

Analytical Data for Channel Samples from Trenches A to G- refer to PLAN 3

PART 2: GOLDEN MARA PROSPECT.

hole-id	samp-id	from	to	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As50
TRENCH-G	H2259	18	20	26	24	45	0.014	0.014			116		116
TRENCH-G	H2260	20	22	28	19	41	0.072	0.072			288		288
TRENCH-G	H2261	22	24	14	10	44	-0.008	-0.008			45	45	
TRENCH-G	H2262	24	26	34	21	50	-0.008	-0.008			45	45	
TRENCH-G	H2263	26	28	29	19	64	0.023	0.023			69		69
TRENCH-G	H2264	28	30	29	16	71	-0.008	-0.008			41	41	
TRENCH-G	H2265	30	32	25	22	38	0.003	-0.008		0.014	96		96
TRENCH-G	H2266	32	34	29	19	38	0.056	0.056			149		149
TRENCH-G	H2267	34	36	25	13	36	0.021	0.021			125		125
TRENCH-G	H2268	36	38	21	11	49	0.017	0.017			102		102
TRENCH-G	H2269	38	40	24	11	77	0.041	0.041			162		162
TRENCH-G	H2270	40	42	21	14	50	0.023	0.023			76		76
TRENCH-G	H2271	42	44	15	11	34	-0.008	-0.008			56		56
TRENCH-G	H2272	44	46	17	9	41	0.012	0.012			76		76
TRENCH-G	H2273	46	48	14	19	46	-0.008	-0.008			71		71
TRENCH-G	H2274	48	50	24	23	59	-0.008	-0.008			72		72
TRENCH-G	H2275	50	52	22	20	52	0.031	0.031			287		287
TRENCH-G	H2276	52	54	31	19	51	0.0265	0.021		0.032	131		131
TRENCH-G	H2277	54	56	14	13	39	-0.008	-0.008			50		50
TRENCH-G	H2278	56	58	17	19	57	-0.008	-0.008			50		50

UNITS

ppm

DETEC.
LIMITS

2

3

2

0.008

0.008

0.008

0.5

50

Any negative value indicates sample analysis below detection limits.

712048

APPENDIX 6:

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.

**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
	Void, cavity, stope	H	

**SCOTTSDALE PROJECT
PERCUSSION DRILL LOG CODES**

712051

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
		Biomicrotic	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

712052

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

**SCOTTSDALE PROJECT
PERCUSSION DRILL LOG CODES**

712054

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	1-9 NB S = screen fire assay
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 1 R
COLLAR CO-ORDINATES	557709.6 m E	RL	254.1 m			GRID NAME	
ORDINATES	5433968.8 m N	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	LINTON AREA, FORESTER
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	260°T (Mag.) (Grid)	OBJECTIVES/RESULTS/COMMENTS: TEST SOIL GEOCHEM. ANOMALY (= FORESTER PLANTATION ANOMALY) IN QUARRY S. OF LINTON LEASE.					
COLLAR INCLINATION	50°						
TOTAL LENGTHS	66 m	DRILLING TYPE	FROM	TO	HOLE/CORE DIAM	DOWN-HOLE SURVEY RESULTS (Mag/Grid)	
DRILLING CONTRACTOR	DIAMOND DRILLING TAS. PTY LTD.	RC	0	66	4 inch		
RIG TYPE	UDR650						
COMMENCED	2.10.95						
COMPLETED	2.10.95						
LOGGED BY	N.S. Turner						
LOGGING DATE	18.2.96						

712053

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	GOLDEN MARA			DRILL HOLE NO.	WAR 1 R
COLLAR CO-	560891m E	RL	249.0m			GRID NAME	
ORDINATES	5445717m N	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTINNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	282° T (Mag.)						
	(Grid)	OBJECTIVES/RESULTS/COMMENTS: TEST QUARTZ VEIN LODES AND COUNTRY ROCK					
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	20.9.95						
COMPLETED	20.9.95						
LOGGED BY	NJ Turner						
LOGGING DATE	28.11.95						

712059

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	GOLDEN MARA			DRILL HOLE NO.	WAR 2R
COLLAR CO-ORDINATES	560296mE	RL 254.4	254.4m			GRID NAME	
ORDINATES	5445707mN	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTINNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	287°T (Mag.)						
	(Grid)	OBJECTIVES/RESULTS/COMMENTS: TEST QUARTZ VEIN LODES & COUNTRY ROCK.					
COLLAR INCLINATION	50°					DOWN-HOLE SURVEY RESULTS (Mag//Grid)	
TOTAL LENGTHS	54	DRILLING TYPE	FROM	TO	HOLE/CORE DIAM		
DRILLING CONTRACTOR	DIAMOND DRILLING TAS P/L	RC	0	54	4 inch		
RIG TYPE	UDR 650						
COMMENCED	20.9.95						
COMPLETED	20.9.95						
LOGGED BY	N.J. Turner						
LOGGING DATE	29.11.95						

712068

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	GOLDEN MARA			DRILL HOLE NO.	WAR 3R
COLLAR CO-ORDINATES	560951mE	RL	256.8m			GRID NAME	
ORDINATES	5445704mN	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTINNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	289°T (Mag)						
	(Grid)						
		OBJECTIVES/RESULTS/COMMENTS: TEST QUARTZ VEIN LODES & COUNTRY ROCK.					
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	21.9.95						
COMPLETED	21.9.95						
LOGGED BY	N.S. Turner						
LOGGING DATE	29.11.95						

712067

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	GOLDEN MARA			DRILL HOLE NO.	WAR 4 R
COLLAR CO-	560932.7mE	RL	243.4m			GRID NAME	
ORDINATES	5445803.6mN	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTINNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	291°T (Mag.)						
	(Grid)						
		OBJECTIVES/RESULTS/COMMENTS: Test quartz vein lodes + country rock.					
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	18.9.95						
COMPLETED	18.9.95						
LOGGED BY	N.J. Turner						
LOGGING DATE	29.11.95						

712071

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	GOLDEN MARA			DRILL HOLE NO.	WAR 5 R
COLLAR CO-	560954-7mE	RL	245.4 m			GRID NAME	
ORDINATES	544598.6mN	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTINNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	288° T (Mag.) (Grid)						
		OBJECTIVES/RESULTS/COMMENTS: Test quartz vein lodes & country rock.					
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	21.9.95						
COMPLETED	21.9.95						
LOGGED BY	N.J. Turner						
LOGGING DATE	29.11.95						

912075

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	GOLDEN MARA			DRILL HOLE NO.	WAR 6 R
COLLAR CO-ORDINATES	560976.7mE	RL	246.8m			GRID NAME	
ORDINATES	5445793.6mN	HOLDER				MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTINNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	285°T (Mag)						
	(Grid)	OBJECTIVES/RESULTS/COMMENTS: Test quartz vein lodes & country rock.					
COLLAR INCLINATION	50°					DOWN-HOLE SURVEY RESULTS (Mag/Grid)	
TOTAL LENGTHS	53m	DRILLING TYPE	FROM	TO	HOLE/CORE DIAM		
DRILLING CONTRACTOR	Diamond Drilling Tas P/L	RC	0	53	4 inch		
RIG TYPE	UDR 650						
COMMENCED	19.9.95						
COMPLETED	19.9.95						
LOGGED BY	N.J. Turner						
LOGGING DATE	20.1.96						

712079

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	GOLDEN MARA			DRILL HOLE NO.	WAR 7R
COLLAR CO-	560983mE	RL	229.7			GRID NAME	
ORDINATES	5445891.8mN	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTINNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	288°T (Mag.)						
	(Grid)						
		OBJECTIVES/RESULTS/COMMENTS: Test quartz vein lodes & country rock.					
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	19.9.95						
COMPLETED	19.9.95						
LOGGED BY	N.S. Turner						
LOGGING DATE	20.1.96						

712083

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	GOLDEN MARA			DRILL HOLE NO.	WAR 8 R
COLLAR CO-	561104 mE	RL	228.8			GRID NAME	
ORDINATES	5445878.8mN	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTINNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	290°T (Mag.)						
	(Grid)	OBJECTIVES/RESULTS/COMMENTS:					
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	22.9.95						
COMPLETED	22.9.95						
LOGGED BY	N.J. Turner						
LOGGING DATE	20.1.95						

712087

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	NORTH MARA			DRILL HOLE NO.	WAR 9R
COLLAR CO-	561458.6mE	RL	262-4			GRID NAME	
ORDINATES	5446694.5mN	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTIWINA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	288°T (Mag) (Grid)						
		OBJECTIVES/RESULTS/COMMENTS: Test quartz vein lodes & country rock.					
COLLAR INCLINATION	50°					DOWN-HOLE SURVEY RESULTS (Mag//Grid)	
TOTAL LENGTHS	54	DRILLING TYPE	FROM	TO	HOLE/CORE DIAM		
DRILLING CONTRACTOR	Diamond Drilling TGS. P/L	RC	0	54	4 inch		
RIG TYPE	UDR 680						
COMMENCED	27.9.95						
COMPLETED	27.9.95						
LOGGED BY	N.J. Turner						
LOGGING DATE	20-1-96						

712091

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	NORTH MARA			DRILL HOLE NO.	WAR 10R
COLLAR CO-	S61470.6mE	RL	264.5			GRID NAME	
ORDINATES	S4466865mN	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTINNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	287°T (Mag.) (Grid)						
		OBJECTIVES/RESULTS/COMMENTS: Test quartz vein lodes and country rock.					
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	27.9.95						
COMPLETED	27.9.95						
LOGGED BY	N.S. Turner						
LOGGING DATE	20-1-96						

112000

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	NORTH MARA			DRILL HOLE NO.	WAR 11 R
COLLAR CO-ORDINATES	561482.2mE	RL	286.6m			GRID NAME	
ORDINATES	5446771.7mN	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTINNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	285°T (Mag)						
	(Grid)						
		OBJECTIVES/RESULTS/COMMENTS: Test quartz vein lodes & country rock.					
COLLAR INCLINATION	50°					DOWN-HOLE SURVEY RESULTS (Mag//Grid)	
TOTAL LENGTHS	54m	DRILLING TYPE	FROM	TO	HOLE/CORE DIAM		
DRILLING CONTRACTOR	Diamond Drilling Tas. PIC	RC	0	54	4 inch		
RIG TYPE	UDR 650						
COMMENCED	24.9.95						
COMPLETED	24.9.95						
LOGGED BY	N.J. Turner						
LOGGING DATE	20.1.96						

712099

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	NORTH MARA			DRILL HOLE NO.	WAR 12 R
COLLAR CO-	SG1460.2mE	RL	287.1m			GRID NAME	
ORDINATES	S446776.7mN	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTINNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	287° T (Mag)						
	(Grid)	OBJECTIVES/RESULTS/COMMENTS: Test quartz vein lodes & country rock.					
COLLAR INCLINATION	50°						
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	24.9.95						
COMPLETED	24.9.95						
LOGGED BY	N.J. Turner						
LOGGING DATE	21.1.96						

712103

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	NORTH MARA			DRILL HOLE NO.	WAR 13R
COLLAR CO-	S61504.2mE	RL	287.5m			GRID NAME	
ORDINATES	S446761.7mN	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTINNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	288°T (Mag.)						
	(Grid)						
		OBJECTIVES/RESULTS/COMMENTS: Test quartz vein lodes & country rock.					
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	24.9.95						
COMPLETED	24.9.95						
LOGGED BY	N.J. Turner						
LOGGING DATE	21.1.96						

712107

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	DERBY			DRILL HOLE NO.	WAR 14R
COLLAR CO-	S61513.5	RL	271.8m			GRID NAME	
ORDINATES	S446971.5	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	
TENEMENT	EL 25 / 94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	285°T (Mag)						
	(Grid)	OBJECTIVES/RESULTS/COMMENTS: Test quartz vein lodes & country rock.					
COLLAR INCLINATION	50°					DOWN-HOLE SURVEY RESULTS (Mag/Grid)	
TOTAL LENGTHS	53m	DRILLING TYPE	FROM	TO	HOLE/CORE DIAM		
DRILLING CONTRACTOR	Diamond Drilling Tas. P/L	RC	0	53	4 inch		
RIG TYPE	UDR 650						
COMMENCED	25.9.95						
COMPLETED	25.9.95						
LOGGED BY	N.S. Turner						
LOGGING DATE	21.1.96						

712111

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	DERBY			DRILL HOLE NO.	WAR 15R
COLLAR CO-	S61545mE	RL	278.5m			GRID NAME	
ORDINATES	S446976mN	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTINNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	286°T (Mag.)						
	(Grid)	OBJECTIVES/RESULTS/COMMENTS: Test quartz vein lodes and country rock.					
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	23.9.95						
COMPLETED	23.9.95						
LOGGED BY	N.J. Turner						
LOGGING DATE	21.1.96						

712115

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	DERBY			DRILL HOLE NO.	WAR 16R
COLLAR CO-	561496m E	RL	269.5 m			GRID NAME	
ORDINATES	5446975.5mN	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTINNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	288°T (Mag.)						
	(Grid)						
		OBJECTIVES/RESULTS/COMMENTS: Test quartz vein ledes & country rock.					
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	23.9.95						
COMPLETED	23.9.95						
LOGGED BY	N.J. Turner						
LOGGING DATE	21.1.96						

6112119

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	DERBY			DRILL HOLE NO.	WAR 17 R
COLLAR CO-	561552.5mE	RL	270.7m			GRID NAME	
ORDINATES	5447043.4mN	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTINNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	304°T (Mag.)						
	(Grid)						
		OBJECTIVES/RESULTS/COMMENTS: Test quartz vein lodes & country rock					
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	22.9.95						
COMPLETED	22.9.95						
LOGGED BY	N.J. Turner						
LOGGING DATE	21.1.96						

712193

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	DERBY			DRILL HOLE NO.	WAR18R
COLLAR CO-	S61570.5mE	RL	273.4m			GRID NAME	
ORDINATES	S447030.4mN	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTINNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	288°T (Mag.)						
	(Grid)	OBJECTIVES/RESULTS/COMMENTS: Test quartz vein lodes & country rock.					
COLLAR INCLINATION	50°					DOWN-HOLE SURVEY RESULTS (Mag//Grid)	
TOTAL LENGTHS	54	DRILLING TYPE	FROM	TO	HOLE/CORE DIAM		
DRILLING CONTRACTOR	Diamond Drilling Tas. P/L	RC	0	54	4 inch.		
RIG TYPE	UDR 650						
COMMENCED	23.9.95						
COMPLETED	23.9.95						
LOGGED BY	N.J.Turver						
LOGGING DATE	21.1.96						

1120107

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	NORTH MARA			DRILL HOLE NO.	WAR 15R
COLLAR CO-	S61439.6m E	RL	260.5m			GRID NAME	
ORDINATES	S446703.5m N	HOLDER	HERALD			MANAGER	
MINERAL	GOLD	1:500,000 SHEET				LOCATION	WARRENTONNA
TENEMENT	EL 25/94					(Cadastral/General)	
1:250,000 SHEET NO							
COLLAR BEARING	288° T (Mag.)						
	(Grid)	OBJECTIVES/RESULTS/COMMENTS: Test quartz vein lodes and country rock.					
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	26.9.95						
COMPLETED	26.9.95						
LOGGED BY	N.J. Torner						
LOGGING DATE	21.1.86						

712131

APPENDIX 7:**AMG LOCATIONS AND BLEG GOLD CONTENT
OF SAMPLES OF TERTIARY GRAVELS FROM GRAVEL PITS
AROUND GELLIBRAND PLAINS, EL25/94**

Analyst: Analabs Pty Ltd
14 Thirkell Street
Cooee
Tasmania 7320

Analabs codes: SD Prep: GP001
Au/GG340.

- Six stratigraphic sections were sampled. Some sections are represented by samples from different AMG positions within the same quarry.
- The lowest sample in each section is listed as position 1. Successively higher samples are listed as position 2, 3, etc.

Section	Position	Sample ID	Easting	Northing	Au (micrograms)
1	4	H1500	565525	5451050	19.90
1	3	H1501	"	"	23.74
1	2	H1502	"	"	0.39
1	1	H1503	"	"	4.12
2	3	H1504	565525	5451075	0.52
2	2	H1505	"	"	41.09
2	1	H1506	"	"	8.73
3	4	H1510	561820	5449445	418.60
3	3	H1509	"	"	11.32
3	2	H1508	561825	544950	971.76
3	1	H1507	"	"	1490.40
4	2	H1515	567275	5452900	5.81
4	1	H1514	"	"	2.70
5	3	H1518	564750	5450075	101.14
5	2	H1517	564625	5450250	110.34
5	1	H1516	"	"	8.03
6	5	H1519	564475	5449975	49.39
6	4	H1520	"	"	401.03
6	3	H1521	"	"	73.15
6	2	H1522	"	"	152.97
6	1	H1523	564325	5450000	1006.70

APPENDIX 8:
ANALYTICAL DATA FOR DRILL HOLES

Analyst: Analabs Pty Ltd
 14 Thirkell Street
 COOEE TAS 7320

APPENDIX 8

EL25/94

Analytical Data for Drill Holes

Hole-id	Sample-id	Depth- from	Depth-to	Au-av	Au1	Au2	Au3	Ag
LIN001R	H4620	0	4	0.027	0.021		0.033	-1
LIN001R	H4621	4	8	0.028	0.028			-1
LIN001R	H4622	8	12	0.009	0.009			-1
LIN001R	H4623	12	16	0.041	0.041			-1
LIN001R	H4624	16	20	0.036	0.036			-1
LIN001R	H4625	20	24	0.074	0.074			-1
LIN001R	H4626	24	28	-0.008	-0.008			-1
LIN001R	H4627	28	32	-0.008	-0.008	-0.008		-1
LIN001R	H4628	32	36	-0.008	-0.008			-1
LIN001R	H4629	36	40	-0.008	-0.008			-1
LIN001R	H4630	40	44	-0.008	-0.008			-1
LIN001R	H4631	44	48	0.014	0.014			-1
LIN001R	H4632	48	52	0.041	0.041			-1
LIN001R	H4633	52	56	-0.008	-0.008			-1
LIN001R	H4634	56	60	-0.008	-0.008			-1
LIN001R	H4635	60	64	-0.008	-0.008			-1
LIN001R	H4636	64	66	0.008	-0.008		0.008	-1
WAR001R	H4680	0	4	0.11	0.11			2
WAR001R	H4681	4	8	0.015	0.015			1
WAR001R	H4682	8	12	0.024	0.024			1
WAR001R	H4683	12	16	0.011	0.013	0.008		1
WAR001R	H4684	16	20	0.094	0.094			1
WAR001R	H4685	20	24	0.029	0.029			1
WAR001R	H4686	24	28	0.02	0.02			2
WAR001R	H4687	28	32	0.086	0.086			2
WAR001R	H4688	32	36	0.016	0.016			2
WAR001R	H4689	36	40	0.065	0.065			2
WAR001R	H4690	40	44	0.458	0.458			2
WAR001R	H4691	44	48	0.111	0.111			2
WAR001R	H4692	48	52	0.079	0.079			3
WAR001R	H4693	52	54	-0.008	-0.008			2
WAR002R	H2492	1	2	0.068	0.068			-1
WAR002R	H2493	2	3	0.055	0.054		0.055	-1
WAR002R	H2494	3	4	0.039	0.039			-1
WAR002R	H2495	4	5	0.751	0.751			-1
WAR002R	H2496	5	6	0.151	0.151			-1
WAR002R	H2497	6	7	0.054	0.054			-1
WAR002R	H2498	7	8	0.039	0.039			-1
WAR002R	H2499	8	9	0.295	0.295			-1

WAR002R	H2500	9	10	0.75	0.75			-1
WAR002R	H2501	10	11	0.108	0.108			-1
WAR002R	H2502	11	12	0.037	0.037			-1
WAR002R	H2503	12	13	0.032	0.032			-1
WAR002R	H2504	13	14	0.159	0.159	0.158		-1
WAR002R	H2505	14	15	0.085	0.085			-1
WAR002R	H2506	15	16	0.18	0.18			-1
WAR002R	H2507	16	17	0.037	0.037			-1
WAR002R	H2508	17	18	0.025	0.025			-1
WAR002R	H2509	18	19	0.219	0.219			-1
WAR002R	H2510	19	20	0.099	0.099			-1
WAR002R	H2511	20	21	0.204	0.204			-1
WAR002R	H2512	21	22	0.458	0.458			-1
WAR002R	H2513	22	23	0.034	0.034			-1
WAR002R	H2514	23	24	0.017	0.013	0.02		-1
WAR002R	H2515	24	25	0.016	0.018		0.014	-1
WAR002R	H2516	25	26	0.032	0.032			-1
WAR002R	H2517	26	27	0.053	0.053			-1
WAR002R	H2518	27	28	0.011	0.011			-1
WAR002R	H2519	28	29	0.011	0.011			-1
WAR002R	H2520	29	30	0.021	0.021			-1
WAR002R	H2521	30	31	0.375	0.375			-1
WAR002R	H2522	31	32	0.028	0.028			-1
WAR002R	H2523	32	33	0.016	0.016			-1
WAR002R	H2524	33	34	0.109	0.109			-1
WAR002R	H2525	34	35	0.256	0.256			-1
WAR002R	H2526	35	36	0.424	0.424			-1
WAR002R	H2527	36	37	0.037	0.037			-1
WAR002R	H2528	37	38	0.027	0.027			-1
WAR002R	H2529	38	39	0.056	0.056			-1
WAR002R	H2530	39	40	0.034	0.034			-1
WAR002R	H2531	40	41	0.022	0.022			-1
WAR002R	H2532	41	42	0.305	0.305			-1
WAR002R	H2533	42	43	0.039	0.039			-1
WAR002R	H2534	43	44	0.052	0.052			-1
WAR002R	H2535	44	45	0.06	0.06			-1
WAR002R	H2536	45	46	0.012	0.012			-1
WAR002R	H2537	46	47	0.03	0.03			-1
WAR002R	H2538	47	48	0.011	0.011			-1
WAR002R	H2539	48	49	0.014	0.02		0.008	-1
WAR002R	H2540	49	50	0.038	0.038			-1
WAR002R	H2541	50	51	0.501	0.501			-1
WAR002R	H2542	51	52	0.217	0.198		0.235	-1
WAR002R	H2543	52	53	1.27	1.27			-1
WAR002R	H2544	53	54	0.496	0.496			-1

WAR003R	H4694	0	4	0.078	0.068		0.087	2
WAR003R	H4695	4	8	0.04	0.04			2
WAR003R	H4696	8	12	0.072	0.072			1
WAR003R	H4697	12	16	0.048	0.048			1
WAR003R	H2561	16	17	0.199	0.199			-1
WAR003R	H2562	17	18	0.073	0.073			-1
WAR003R	H2563	18	19	0.769	0.769			-1
WAR003R	H2564	19	20	0.197	0.197			-1
WAR003R	H2565	20	21	0.218	0.218			-1
WAR003R	H2566	21	22	1.2	1.2			-1
WAR003R	H2567	22	23	2.23	2.23			2
WAR003R	H2568	23	24	1.71	1.71			1
WAR003R	H2569	24	25	2.1	2.1			-1
WAR003R	H2570	25	26	1.24	1.24			-1
WAR003R	H2571	26	27	1.78	1.78			-1
WAR003R	H2572	27	28	1.51	1.49	1.53		-1
WAR003R	H2573	28	29	0.5	0.5			-1
WAR003R	H2574	29	30	0.327	0.327			-1
WAR003R	H2575	30	31	1.16	1.16			-1
WAR003R	H2576	31	32	0.822	0.822			-1
WAR003R	H4698	32	36	0.095	0.1	0.09		2
WAR003R	H4699	36	40	0.027	0.027			2
WAR003R	H4700	40	44	0.095	0.095			1
WAR003R	H4701	44	48	0.18	0.18			2
WAR003R	H4702	48	52	0.054	0.054			1
WAR003R	H4703	52	54	-0.008	-0.008			1
WAR004R	H2278A	0	1	0.062	0.062			-1
WAR004R	H2279	1	2	0.038	0.038			-1
WAR004R	H2280	2	3	0.038	0.038			-1
WAR004R	H2281	3	4	0.045	0.045			-1
WAR004R	H2282	4	5	0.044	0.044			-1
WAR004R	H2283	5	6	0.034	0.034			-1
WAR004R	H2284	6	7	0.016	0.016			-1
WAR004R	H2285	7	8	0.021	0.021			-1
WAR004R	H2286	8	9	0.031	0.031			-1
WAR004R	H2287	9	10	0.128	0.128			-1
WAR004R	H2288	10	11	0.04	0.04			-1
WAR004R	H2289	11	12	0.0165	0.018	0.015		-1
WAR004R	H2290	12	13	0.019	0.019			-1
WAR004R	H2291	13	14	0.046	0.046			-1
WAR004R	H2292	14	15	0.02	0.02			-1
WAR004R	H2293	15	16	0.054	0.054			-1
WAR004R	H2294	16	17	-0.008	-0.008			-1
WAR004R	H2295	17	18	0.044	0.044			-1
WAR004R	H2296	18	19	0.045	0.045			-1

WAR004R	H2297	19	20	0.0135	0.015		0.012	-1
WAR004R	H2298	20	21	0.011	0.011			-1
WAR004R	H2299	21	22	0.0205	0.023	0.018		-1
WAR004R	H2300	22	23	0.013	0.013			-1
WAR004R	H2301	23	24	0.028	0.028			-1
WAR004R	H2302	24	25	0.018	0.018			-1
WAR004R	H2303	25	26	0.025	0.025			-1
WAR004R	H2304	26	27	0.1255	0.137	0.114		-1
WAR004R	H2305	27	28	0.335	0.289	0.381		-1
WAR004R	H2306	28	29	0.018	0.018			-1
WAR004R	H2307	29	30	0.1875	0.151		0.224	-1
WAR004R	H2308	30	31	0.021	0.021			-1
WAR004R	H2309	31	32	-0.008	-0.008			-1
WAR004R	H2310	32	33	0.02	0.02			-1
WAR004R	H2311	33	34	0.022	0.022			-1
WAR004R	H2312	34	35	0.011	0.011			-1
WAR004R	H2313	35	36	-0.008	-0.008	-0.008		-1
WAR004R	H2314	36	37	0.009	0.009		0.009	-1
WAR004R	H2315	37	38	0.064	0.064			-1
WAR004R	H2316	38	39	0.124	0.124			-1
WAR004R	H2317	39	40	0.014	0.014			-1
WAR004R	H2318	40	41	0.015	0.015			-1
WAR004R	H2319	41	42	0.069	0.074	0.063		-1
WAR004R	H2320	42	43	0.482	0.482			1
WAR004R	H2321	43	44	0.057	0.057			-1
WAR004R	H2322	44	45	0.135	0.135			-1
WAR004R	H2323	45	46	0.013	0.013			-1
WAR004R	H2324	46	47	0.01	0.01			-1
WAR004R	H2325	47	48	-0.008	-0.008	-0.008		-1
WAR004R	H2326	48	49	0.027	0.027			-1
WAR004R	H2327	49	50	0.172	0.172			-1
WAR004R	H2328	50	51	0.409	0.409			-1
WAR004R	H2329	51	52	0.069	0.087	0.05		-1
WAR004R	H2330	52	53	0.09	0.09			-1
WAR004R	H2331	53	54	0.008	0.008			-1
WAR005R	H4704	0	4	0.086	0.086			3
WAR005R	H4705	4	8	0.042	0.042			2
WAR005R	H4706	8	12	0.025	0.025			2
WAR005R	H4707	12	16	-0.008	-0.008			1
WAR005R	H4708	16	20	0.0145	0.017	0.012		1
WAR005R	H4709	20	24	0.024	0.024			1
WAR005R	H2623	24	25	0.040	0.059	0.029	0.031	-1
WAR005R	H2624	25	26	0.043	0.043			-1
WAR005R	H2625	26	27	0.021	0.021			-1
WAR005R	H2626	27	28	0.028	0.028			-1

WAR005R	H2627	28	29	0.05	0.05			-1
WAR005R	H2628	29	30	0.081	0.079	0.082		-1
WAR005R	H2629	30	31	2.04	2.04			-1
WAR005R	H2630	31	32	0.029	0.029			-1
WAR005R	H4710	32	36	0.03	0.03			1
WAR005R	H4710	32	36	0.03	0.03			1
WAR005R	H4711	36	40	0.076	0.083		0.069	1
WAR005R	H4711	36	40	0.076	0.083		0.069	1
WAR005R	H4712	40	44	0.329	0.329			-1
WAR005R	H4712	40	44	0.329	0.329			-1
WAR005R	H4713	44	48	0.027	0.027			1
WAR005R	H4713	44	48	0.027	0.027			1
WAR005R	H4714	48	52	-0.008	-0.008			1
WAR005R	H4714	48	52	-0.008	-0.008			1
WAR005R	H4715	52	56	0.015	0.015			-1
WAR005R	H4715	52	54	0.015	0.015			-1
WAR006R	H4751	0	4	0.168	0.168			1
WAR006R	H4752	4	8	0.056	0.056			-1
WAR006R	H4753	8	12	0.094	0.094			-1
WAR006R	H4754	12	16	0.05	0.05			1
WAR006R	H4755	16	20	0.098	0.098			1
WAR006R	H4756	20	24	0.071	0.071			-1
WAR006R	H4757	24	28	0.03	0.03			-1
WAR006R	H2360	28	29	0.019	0.019			1
WAR006R	H2361	29	30	0.043	0.043			1
WAR006R	H2362	30	31	0.02	0.02			1
WAR006R	H2363	31	32	-0.008	-0.008			1
WAR006R	H2364	32	33	0.037	0.037			1
WAR006R	H2365	33	34	0.153	0.153			1
WAR006R	H2366	34	35	0.16	0.16			1
WAR006R	H2367	35	36	0.213	0.213			1
WAR006R	H2368	36	37	1.36	1.36			1
WAR006R	H2369	37	38	0.289	0.289			1
WAR006R	H2370	38	39	0.303	0.303			1
WAR006R	H2371	39	40	0.095	0.101	0.089		1
WAR006R	H2372	40	41	0.2155	0.212		0.219	1
WAR006R	H2373	41	42	0.208	0.208			1
WAR006R	H2374	42	43	0.543	0.543			2
WAR006R	H2375	43	44	0.015	0.015			1
WAR006R	H2376	44	45	0.014	0.014			1
WAR006R	H2377	45	46	-0.008	-0.008			1
WAR006R	H2378	46	47	-0.008	-0.008			1
WAR006R	H2379	47	48	-0.008	-0.008			-1
WAR006R	H2380	48	49	-0.008	-0.008			1
WAR006R	H2381	49	50	0.0295	0.028	0.031		1

WAR006R	H2382	50	51	0.01	0.01			1
WAR006R	H2383	51	52	0.008	0.008		-0.008	1
WAR006R	H4758	52	53	0.03	0.021	0.039		1
WAR006R	H2384	52	53	0.015	0.015			1
WAR006R	H2385	53	54	0.026	0.026			1
WAR007R	H4759	0	4	-0.008	-0.008			-1
WAR007R	H4760	4	8	-0.008	-0.008			-1
WAR007R	H4761	8	12	0.05	0.05			1
WAR007R	H4762	12	16	0.061	0.061			2
WAR007R	H4763	16	20	-0.008	-0.008			2
WAR007R	H4764	20	24	-0.008	-0.008			1
WAR007R	H4765	24	28	-0.008	-0.008			1
WAR007R	H4766	28	32	-0.008	-0.008			1
WAR007R	H4767	32	36	-0.008	-0.008			1
WAR007R	H4768	36	40	0.016	0.016			2
WAR007R	H4769	40	44	0.414	0.414			1
WAR007R	H4770	44	48	0.012	0.012			1
WAR007R	H4771	48	52	0.014	0.014			1
WAR007R	H4772	52	54	-0.008	-0.008	-0.008		1
WAR008R	H2651	0	1	0.072	0.072			-1
WAR008R	H2652	1	2	0.034	0.034			-1
WAR008R	H2653	2	3	0.129	0.129			-1
WAR008R	H2654	3	4	0.011	0.011			-1
WAR008R	H2655	4	5	0.014	-0.008		0.014	-1
WAR008R	H2656	5	6	-0.008	-0.008			-1
WAR008R	H2657	6	7	-0.008	-0.008			-1
WAR008R	H2658	7	8	-0.008	-0.008			-1
WAR008R	H2659	8	9	-0.008	-0.008			-1
WAR008R	H2660	9	10	-0.008	-0.008			-1
WAR008R	H2661	10	11	-0.008	-0.008			-1
WAR008R	H2662	11	12	-0.008	-0.008			-1
WAR008R	H2663	12	13	-0.008	-0.008	-0.008		-1
WAR008R	H2664	13	14	0.039	0.039			-1
WAR008R	H2665	14	15	0.105	0.105			-1
WAR008R	H2666	15	16	0.058	0.058			-1
WAR008R	H2667	16	17	-0.008	-0.008			-1
WAR008R	H2668	17	18	-0.008	-0.008			-1
WAR008R	H2669	18	19	-0.008	-0.008			-1
WAR008R	H2670	19	20	-0.008	-0.008			-1
WAR008R	H2671	20	21	-0.008	-0.008			-1
WAR008R	H2672	21	22	-0.008	-0.008			-1
WAR008R	H2673	22	23	-0.008	-0.008	-0.008		-1
WAR008R	H2674	23	24	-0.008	-0.008		-0.008	-1
WAR008R	H2675	24	25	-0.008	-0.008			-1
WAR008R	H2676	25	26	-0.008	-0.008			-1

WAR008R	H2677	26	27	-0.008	-0.008		-1
WAR008R	H2678	27	28	0.044	0.044		-1
WAR008R	H2679	28	29	-0.008	-0.008		-1
WAR008R	H2680	29	30	-0.008	-0.008		-1
WAR008R	H2681	30	31	0.01	0.01		-1
WAR008R	H2682	31	32	0.031	0.031		-1
WAR008R	H2683	32	33	-0.008	-0.008		-1
WAR008R	H2684	33	34	-0.008	-0.008		-1
WAR008R	H2685	34	35	-0.008	-0.008		-1
WAR008R	H2686	35	36	-0.008	-0.008		-1
WAR008R	H2687	36	37	-0.008	-0.008		-1
WAR008R	H2688	37	38	-0.008	-0.008	-0.008	-1
WAR008R	H2689	38	39	0.01	0.01		-1
WAR008R	H2690	39	40	0.031	0.031		-1
WAR008R	H2691	40	41	-0.008	-0.008		-1
WAR008R	H2692	41	42	-0.008	-0.008		-1
WAR008R	H2693	42	43	-0.008	-0.008	-0.008	-1
WAR008R	H2694	43	44	-0.008	-0.008		-1
WAR008R	H2695	44	45	-0.008	-0.008		-1
WAR008R	H2696	45	46	0.058	0.058		-1
WAR008R	H2697	46	47	0.051	0.051		-1
WAR008R	H2698	47	48	0.01	-0.008	0.01	-1
WAR008R	H2699	48	49	0.024	0.024		-1
WAR008R	H2700	49	50	-0.008	-0.008		-1
WAR008R	H2701	50	51	-0.008	-0.008		-1
WAR008R	H2702	51	52	0.029	0.029		-1
WAR008R	H2703	52	53	0.009	0.009		-1
WAR008R	H2674	53	54	-0.008	-0.008	-0.008	-1
WAR009R	H4814	0	4	0.166	0.166		1
WAR009R	H4815	4	8	0.028	0.028		1
WAR009R	H4816	8	12	2.77	2.77		2
WAR009R	H3224	9	10	1.23	1.23		1
WAR009R	H3225	10	11	2.48	2.48		1
WAR009R	H3226	11	12	3.28	3.28		1
WAR009R	H4817	12	16	0.121	0.121		1
WAR009R	H3227	12	13	0.787	0.787		8
WAR009R	H3228	13	14	0.119	0.119		1
WAR009R	H3229	14	15	0.012	0.011	0.012	1
WAR009R	H3230	15	16	0.174	0.174		1
WAR009R	H3231	16	17	0.158	0.158		1
WAR009R	H4818	16	20	1.06	1.06		1
WAR009R	H3232	17	18	0.07	0.07		1
WAR009R	H3233	18	19	0.02	0.02		1
WAR009R	H3234	19	20	4.44	4.44		3
WAR009R	H4819	20	24	0.365	0.365		2

WAR009R	H3235	20	21	3.08	3.08			4
WAR009R	H3236	21	22	0.065	0.065			2
WAR009R	H3237	22	23	0.013	0.013			2
WAR009R	H3238	23	24	-0.008	-0.008			2
WAR009R	H4820	24	28	0.114	0.139	0.085	0.118	2
WAR009R	H3239	24	25	0.025	0.025			1
WAR009R	H4821	28	32	0.022	0.022	-0.008	-0.008	1
WAR009R	H4822	32	36	0.016	0.016			1
WAR009R	H4823	36	40	0.024	0.024			1
WAR009R	H4824	40	44	-0.008	-0.008			1
WAR009R	H4825	44	48	0.009	0.009			2
WAR009R	H4826	48	52	-0.008	-0.008			1
WAR009R	H4827	52	54	0.059	0.059			2
WAR010R	H4800	0	4	0.013	0.013			1
WAR010R	H4801	4	8	0.014	0.014			2
WAR010R	H4802	8	12	0.011	0.011			1
WAR010R	H4803	12	16	-0.008	-0.008			1
WAR010R	H4804	16	20	0.011	0.011			1
WAR010R	H4805	20	24	0.013	0.013			2
WAR010R	H4806	24	28	0.016	0.016			1
WAR010R	H4807	28	32	0.014	0.014			1
WAR010R	H4808	32	36	0.182	0.182			2
WAR010R	H3304	35	36	0.095	0.095			1
WAR010R	H4809	36	40	0.547	0.547			2
WAR010R	H3305	36	37	0.019	0.026		0.011	1
WAR010R	H3306	37	38	0.934	0.934			3
WAR010R	H3307	38	39	0.226	0.226			2
WAR010R	H3308	39	40	-0.008	-0.008	-0.008		-1
WAR010R	H3309	40	41	0.011	0.011			-1
WAR010R	H4810	40	44	0.028	0.015	0.04		2
WAR010R	H4811	44	48	0.014	0.014			1
WAR010R	H4812	48	52	1.18	1.18			1
WAR010R	H3318	49	50	0.07	0.07			-1
WAR010R	H3319	50	51	0.009	0.009		-0.008	-1
WAR010R	H3320	51	52	2.88	2.88			1
WAR010R	H4813	52	56	0.02	0.02			1
WAR010R	H3321	52	53	-0.008	-0.008			-1
WAR011R	H4851	0	1	-0.008	-0.008			1
WAR011R	H2973	1	2	0.028	0.028			-1
WAR011R	H2974	2	3	0.01	0.01			-1
WAR011R	H2975	3	4	0.008	0.008		-0.008	-1
WAR011R	H2976	4	5	-0.008	-0.008			-1
WAR011R	H2977	5	6	-0.008	-0.008			-1
WAR011R	H2978	6	7	-0.008	-0.008			-1
WAR011R	H2979	7	8	-0.008	-0.008			-1
WAR011R	H2980	8	9	-0.008	-0.008			-1

WAR011R	H2981	9	10	0.012	0.012		-1
WAR011R	H2982	10	11	0.009	0.009		-1
WAR011R	H2983	11	12	0.015	0.015		-1
WAR011R	H2984	12	13	0.041	0.041		-1
WAR011R	H3187	13	17	0.034	0.034		-1
WAR011R	H3188	17	21	0.011	0.011		-1
WAR011R	H3189	21	25	0.013	0.009	0.017	-1
WAR011R	H3190	25	29	0.024	0.024		-1
WAR011R	H3001	29	30	-0.008	-0.008	-0.008	-1
WAR011R	H3002	30	31	0.115	0.115		-1
WAR011R	H3003	31	32	0.076	0.076		-1
WAR011R	H3004	32	33	0.029	0.029		-1
WAR011R	H3005	33	34	0.132	0.132		-1
WAR011R	H3006	34	35	0.089	0.089		-1
WAR011R	H3007	35	36	0.126	0.126		-1
WAR011R	H4858	36	40	-0.008	-0.008		1
WAR011R	H4859	40	44	-0.008	-0.008		-1
WAR011R	H4860	44	48	-0.008	-0.008	-0.008	1
WAR011R	H4861	48	52	-0.008	-0.008		1
WAR011R	H4862	52	54	-0.008	-0.008		1
WAR011R	H3025	53	54	0.009	0.009		1
WAR012R	H4863	0	4	0.262	0.298	0.225	1
WAR012R	H2919	1	2	0.345	0.345		-1
WAR012R	H2920	2	3	0.171	0.171		-1
WAR012R	H2921	3	4	0.071	0.071		-1
WAR012R	H3195	4	8	0.116	0.116		-1
WAR012R	H4864	4	8	0.126	0.126		2
WAR012R	H4865	8	12	0.169	0.169		1
WAR012R	H2926	8	9	0.137	0.144	0.13	-1
WAR012R	H2927	9	10	0.232	0.232		-1
WAR012R	H2928	10	11	0.315	0.315		-1
WAR012R	H2929	11	12	0.253	0.253		-1
WAR012R	H3196	12	16	0.227	0.227		1
WAR012R	H4866	12	16	0.167	0.167		1
WAR012R	H3197	16	20	0.015	0.015		-1
WAR012R	H4867	16	20	0.027	0.027		1
WAR012R	H4868	20	24	0.366	0.366		1
WAR012R	H3198	20	24	0.038	0.038		-1
WAR012R	H4869	24	28	0.011	0.011		1
WAR012R	H3199	24	28	0.021	0.021		1
WAR012R	H4870	28	32	0.005	-0.008	0.017	1
WAR012R	H3200	28	32	-0.008	-0.008	-0.008	1
WAR012R	H2950	32	33	-0.008	-0.008		1
WAR012R	H2951	33	34	0.009	0.009		-1
WAR012R	H2952	34	35	0.013	0.014	0.011	-1

WAR012R	H2953	35	36	-0.008	-0.008			-1
WAR012R	H4872	36	40	-0.008	-0.008			1
WAR012R	H2954	36	37	0.01	0.01			-1
WAR012R	H3201	37	41	-0.008	-0.008			-1
WAR012R	H4873	40	44	-0.008	-0.008			1
WAR012R	H3202	41	45	-0.008	-0.008			-1
WAR012R	H4874	44	48	-0.008	-0.008		-0.008	1
WAR012R	H3203	45	49	-0.008	-0.008			1
WAR012R	H4875	48	52	-0.008	-0.008			1
WAR012R	H3204	49	53	-0.008	-0.008	-0.008		-1
WAR012R	H4876	52	54	-0.008	-0.008			1
WAR012R	H2971	53	54	-0.008	-0.008			1
WAR013R	H4842	0	4	-0.008	-0.008			1
WAR013R	H4843	4	8	-0.008	-0.008			1
WAR013R	H4844	8	12	-0.008	-0.008	-0.008		1
WAR013R	H4845	12	16	-0.008	-0.008		-0.008	1
WAR013R	H4846	16	20	-0.008	-0.008			1
WAR013R	H4847	20	24	0.016	0.016			1
WAR013R	H4848	24	28	-0.008	-0.008			1
WAR013R	H4849	28	32	-0.008	-0.008			2
WAR013R	H4850	32	36	0.0775	0.065	0.09		1
WAR013R	H3061	36	37	0.102	0.102			-1
WAR013R	H3062	37	38	0.008	0.008			-1
WAR013R	H3063	38	39	0.0275	0.025	0.03		-1
WAR013R	H3064	39	40	0.016	0.016			-1
WAR013R	H3065	40	41	0.042	0.042			-1
WAR013R	H3066	41	42	0.02	0.02			-1
WAR013R	H3067	42	43	-0.008	-0.008			-1
WAR013R	H3068	43	44	-0.008	-0.008			-1
WAR013R	H3069	44	45	0.022	0.022			-1
WAR013R	H3070	45	46	-0.008	-0.008			-1
WAR013R	H3071	46	47	-0.008	-0.008			-1
WAR013R	H3072	47	48	0.015	0.015			-1
WAR013R	H3073	48	49	0.066	0.061	0.071		-1
WAR013R	H3074	49	50	0.012	0.012			-1
WAR013R	H3075	50	51	8.515	11.1	5.93		-1
WAR013R	H3076	51	52	0.415	0.415			-1
WAR014R	H3079	0	1	0.064	0.064			-1
WAR014R	H3080	1	2	0.095	0.095			-1
WAR014R	H3081	2	3	0.093	0.093			-1
WAR014R	H3082	3	4	0.122	0.131	0.113		-1
WAR014R	H3083	4	5	0.113	0.121		0.105	-1
WAR014R	H3084	5	6	0.093	0.093			-1
WAR014R	H3085	6	7	0.102	0.102			-1
WAR014R	H3086	7	8	0.515	0.515			10

WAR014R	H3087	8	9	0.138	0.138		-1
WAR014R	H3088	9	10	0.277	0.277		1
WAR014R	H3089	10	11	0.044	0.044		-1
WAR014R	H3090	11	12	0.019	0.019		-1
WAR014R	H3091	12	13	0.01	0.01		-1
WAR014R	H3092	13	14	-0.008	-0.008		-1
WAR014R	H3093	14	15	0.009	0.009		-1
WAR014R	H3094	15	16	-0.008	-0.008		-1
WAR014R	H3095	16	17	0.074	0.074		-1
WAR014R	H3096	17	18	0.033	0.033		-1
WAR014R	H3097	18	19	0.012	-0.008	0.012	-1
WAR014R	H3098	19	20	0.019	0.019		-1
WAR014R	H3205	20	24	-0.008	-0.008		10
WAR014R	H4891	20	24	-0.008	-0.008	-0.008	1
WAR014R	H4892	24	28	-0.008	-0.008		1
WAR014R	H3206	24	28	0.021	0.021		-1
WAR014R	H3207	28	31	-0.008	-0.008		-1
WAR014R	H3110	31	32	-0.008	-0.008		-1
WAR014R	H3111	32	33	-0.008	-0.008		-1
WAR014R	H3112	33	34	-0.008	-0.008	-0.008	-1
WAR014R	H3208	34	38	-0.008	-0.008	-0.008	-1
WAR014R	H3209	38	42	-0.008	-0.008		-1
WAR014R	H3121	42	43	0.429	0.429		-1
WAR014R	H3122	43	44	0.012	0.012		-1
WAR014R	H3123	44	45	0.144	0.144		-1
WAR014R	H3124	45	46	0.014	0.014		-1
WAR014R	H3125	46	47	0.009	0.009		-1
WAR014R	H3126	47	48	0.045	0.046	0.044	-1
WAR014R	H3127	48	49	0.037	0.037		-1
WAR014R	H3128	49	50	-0.008	-0.008		-1
WAR014R	H3129	50	51	0.052	0.052		-1
WAR014R	H3130	51	52	-0.008	-0.008		-1
WAR014R	H3131	52	53	-0.008	-0.008		-1
WAR015R	H2865	1	2	0.012	0.012		-1
WAR015R	H2866	2	3	0.241	0.241		-1
WAR015R	H2867	3	4	0.366	0.366		-1
WAR015R	H2868	4	5	3.57	3.57		-1
WAR015R	H2869	5	6	0.529	0.529		-1
WAR015R	H2869A	6	7	0.347	0.347		-1
WAR015R	H2870	6	7	0.583	0.583		-1
WAR015R	H2871	7	8	0.439	0.439		-1
WAR015R	H2872	8	9	0.684	0.61	0.758	-1
WAR015R	H2874	10	11	0.431	0.431		-1
WAR015R	H2875	11	12	0.517	0.517		-1
WAR015R	H2876	12	13	0.065	0.065		-1

WAR015R	H2877	13	14	0.031	0.031			-1
WAR015R	H2878	14	15	0.083	0.083			-1
WAR015R	H2879	15	16	0.087	0.087			-1
WAR015R	H4881	16	20	0.534	0.676	0.46	0.465	1
WAR015R	H2880	16	17	-0.008	-0.008			1
WAR015R	H2881	17	18	0.021	-0.008	0.021		1
WAR015R	H2882	18	19	1.453	1.68	1.16	1.52	1
WAR015R	H2883	19	20	0.024	0.024			1
WAR015R	H4882	20	24	0.082	0.082			-1
WAR015R	H2884	20	21	0.019	0.019			1
WAR015R	H4883	24	28	0.026	0.026			1
WAR015R	H4884	28	32	-0.008	-0.008			1
WAR015R	H4885	32	36	0.039	0.039			1
WAR015R	H4886	36	40	0.078	0.078			1
WAR015R	H4887	40	44	-0.008	-0.008			1
WAR015R	H4888	44	48	0.116	0.116			2
WAR015R	H4889	48	52	-0.008	-0.008			1
WAR015R	H4890	52	54	0.024	0.024			1
WAR016R	H2814	1	2	0.05	0.05			-1
WAR016R	H2815	2	3	0.113	0.113			-1
WAR016R	H2816	3	4	0.031	0.026	0.035		-1
WAR016R	H2817	4	5	0.1205	0.134		0.107	-1
WAR016R	H2818	5	6	0.091	0.091			-1
WAR016R	H2819	6	7	0.064	0.064			-1
WAR016R	H2820	7	8	0.899	0.899			-1
WAR016R	H2821	8	9	2.59	2.59			-1
WAR016R	H2822	9	10	0.341	0.317		0.364	-1
WAR016R	H2823	10	11	0.24	0.24			-1
WAR016R	H2824	11	12	0.135	0.135			-1
WAR016R	H2825	12	13	0.019	0.019			-1
WAR016R	H2826	13	14	0.008	0.008			-1
WAR016R	H2827	14	15	-0.008	-0.008			-1
WAR016R	H2827A	15	16	-0.008	-0.008			-1
WAR016R	H4741	16	20	-0.008	-0.008			1
WAR016R	H4742	20	24	-0.008	-0.008			1
WAR016R	H4743	24	28	-0.008	-0.008			1
WAR016R	H4744	28	32	-0.008	-0.008			-1
WAR016R	H4745	32	36	-0.008	-0.008			1
WAR016R	H4746	36	40	-0.008	-0.008			-1
WAR016R	H4747	40	44	-0.008	-0.008			1
WAR016R	H4748	44	48	-0.008	-0.008	-0.008		1
WAR016R	H4749	48	52	-0.008	-0.008			1
WAR016R	H4750	52	54	-0.008	-0.008			-1
WAR017R	H4716	0	4	0.1	0.1			1
WAR017R	H4717	4	8	0.019	0.019			1
WAR017R	H4718	8	12	-0.008	-0.008			1

WAR017R	H4719	12	16	0.022	0.022		1
WAR017R	H4720	16	20	-0.008	-0.008		1
WAR017R	H4721	20	24	0.025	-0.008	0.025	1
WAR017R	H4722	24	28	-0.008	-0.008		1
WAR017R	H4723	28	32	-0.008	-0.008	-0.008	-1
WAR017R	H4724	32	36	0.044	0.044		1
WAR017R	H4725	36	40	-0.008	-0.008		1
WAR017R	H4726	40	44	0.011	0.011		1
WAR017R	H4727	44	48	-0.008	-0.008		1
WAR017R	H4728	48	52	-0.008	-0.008		1
WAR017R	H4729	52	54	-0.008	-0.008		1
WAR018R	H2759	0	1	0.009	0.009		-1
WAR018R	H2760	1	2	0.01	0.01		-1
WAR018R	H2761	2	3	0.013	0.013		1
WAR018R	H2762	3	4	-0.008	-0.008		-1
WAR018R	H2763	4	5	-0.008	-0.008		-1
WAR018R	H2764	5	6	0.008	0.008		-1
WAR018R	H2765	6	7	0.043	0.043		-1
WAR018R	H2766	7	8	0.128	0.128		-1
WAR018R	H2767	8	9	0.329	0.329		-1
WAR018R	H2768	9	10	0.314	0.314		-1
WAR018R	H2769	10	11	0.222	0.222		-1
WAR018R	H2770	11	12	1.925	1.76	2.09	4
WAR018R	H4730	12	16	0.055	0.055		1
WAR018R	H2771	12	13	0.048	0.048		-1
WAR018R	H2772	13	14	0.076	0.076		1
WAR018R	H2773	14	15	0.062	0.062		1
WAR018R	H4731	16	20	0.011	0.011		1
WAR018R	H4732	20	24	0.051	0.051		1
WAR018R	H4733	24	28	0.0285	0.018	0.039	-1
WAR018R	H4734	28	32	0.012	0.012		1
WAR018R	H4735	32	36	0.034	0.034		1
WAR018R	H4736	36	40	-0.008	-0.008		-1
WAR018R	H4737	40	44	0.009	0.009		1
WAR018R	H4738	44	48	-0.008	-0.008		1
WAR018R	H4739	48	52	-0.008	-0.008	-0.008	1
WAR018R	H4740	52	54	-0.008	-0.008		1
WAR019R	H4828	0	4	4.22	4.22		1
WAR019R	H3134	1	2	0.039	0.039		1
WAR019R	H3135	2	3	0.185	0.185		1
WAR019R	H3136	3	4	0.481	0.481		1
WAR019R	H4829	4	8	0.227	0.227		2
WAR019R	H3137	4	5	0.04	0.03	0.05	1
WAR019R	H3138	5	6	0.052	0.052		1
WAR019R	H3139	6	7	-0.008	-0.008		2

WAR019R	H3140	7	8	-0.008	-0.008				2
WAR019R	H4830	8	12	0.095	0.095				1
WAR019R	H3141	8	9	0.093	0.093				1
WAR019R	H4831	12	16	-0.008	-0.008				1
WAR019R	H4832	16	20	0.157	0.157				1
WAR019R	H4833	20	24	0.016	0.016				1
WAR019R	H4834	24	28	0.008	0.008				2
WAR019R	H4835	28	32	0.0225	0.02	0.025			2
WAR019R	H4836	32	36	-0.008	-0.008				2
WAR019R	H4837	36	40	-0.008	-0.008				1
WAR019R	H4838	40	44	-0.008	-0.008				1
WAR019R	H4839	44	48	-0.008	-0.008				1
WAR019R	H4840	48	52	-0.008	-0.008		-0.008		1
WAR019R	H4841	52	54	-0.008	-0.008				1

Units
Detec.
Limits

ppm
0.008

ppm
0.008

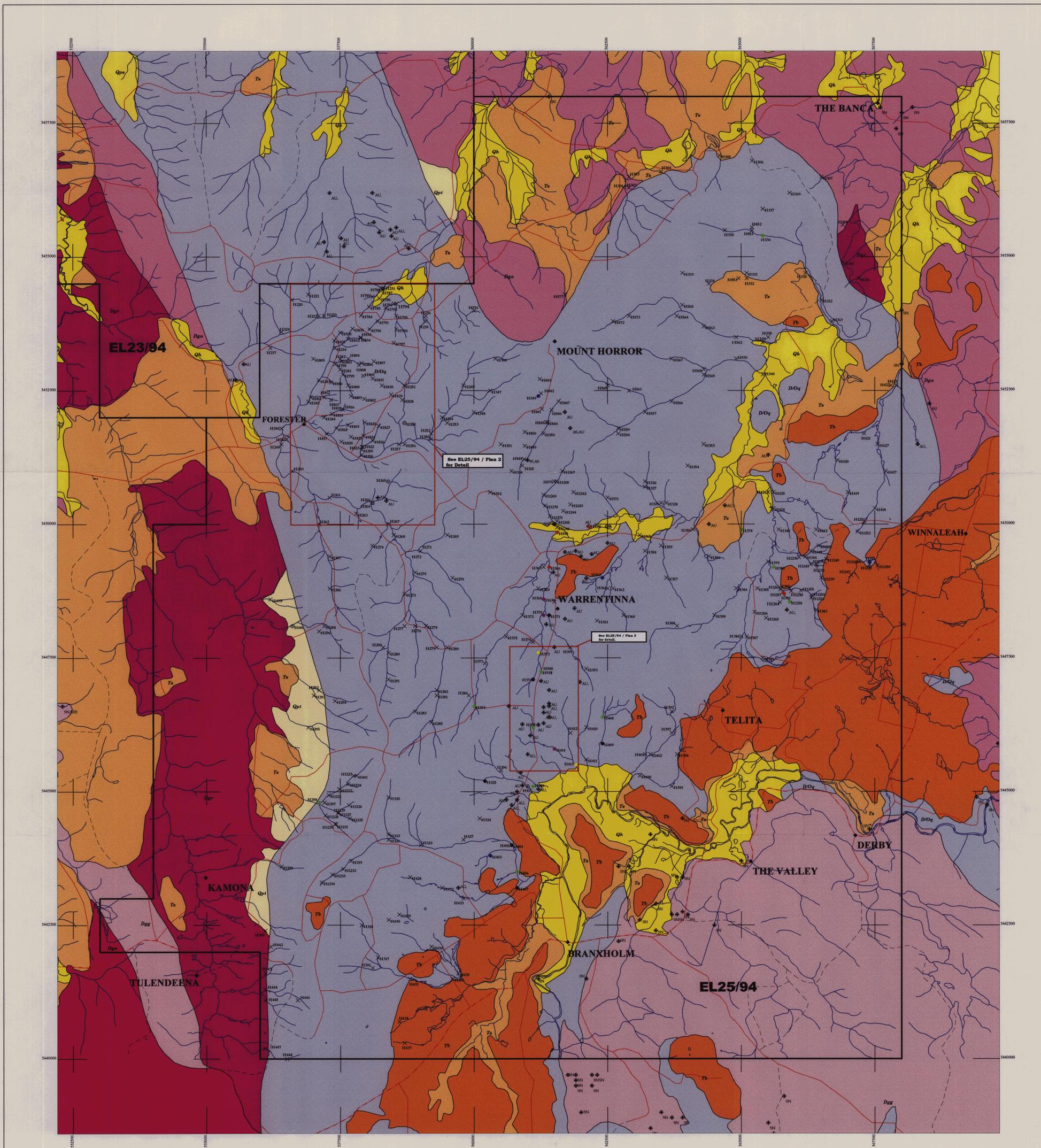
ppm
0.008

ppm
0.008

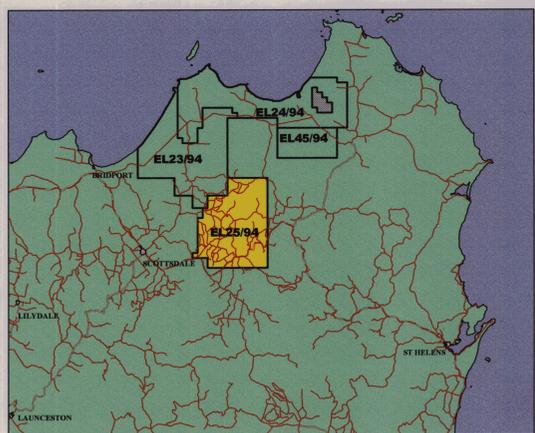
ppm
1

Any negative value indicates sample analysis below detection limits.

Hole-id	Eastings	Northing	Elev.	Dip	Az	Depth
LIN001R	557709	5453968	254.1	-50	260	66
WAR001R	560891	5445717	249	-50	282	54
WAR002R	560926	5445707	254.4	-50	287	54
WAR003R	560951	5445704	256.8	-50	289	54
WAR004R	560932	5445803	243.4	-50	291	54
WAR005R	560954	5445798	245.4	-50	288	54
WAR006R	560976	5445793	246.8	-50	285	54
WAR007R	560983	5445891	229.7	-50	288	54
WAR008R	561104	5445878	228.8	-50	290	54
WAR009R	561458	5446694	262.4	-50	288	54
WAR010R	561470	5446686	264.5	-50	287	54
WAR011R	561482	5446771	286.6	-50	285	54
WAR012R	561460	5446776	287.1	-50	287	54
WAR013R	561504	5446761	287.5	-50	288	54
WAR014R	561513	5446971	271.8	-50	285	54
WAR015R	561545	5446976	278.5	-50	286	54
WAR016R	561496	5446975	269.5	-50	288	54
WAR017R	561552	5447043	270.7	-50	304	54
WAR018R	561570	5447030	273.4	-50	288	54
WAR019R	561439	5446703	260.6	-50	288	54



LOCATION MAP



LEGEND

- Stream Sediment Gold Analysis Values, (symbology representing value with sample identification number alongside)
- Not analysed for Au
 - × <math>< 0.008\text{ppm}</math>
 - 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 (Miroch dataset)
- *SN
- Locality (Auslig 250k data)
- ◆
- Roads:
- 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. |
| JURASSIC | Jd | Dolerite. |
| CARBONIFEROUS-DEVONIAN | Dga | Adamellite / granite. |
| | Dgg | Alkali-feldspar granite. |
| | Dgn | Granodiorite / adamellite. |
| | Dgr | Granodiorite. |

N
W E
S
96-3859
ANNUAL REPORT 1996-98 WARRENTINNA, EL 25/94 HERALD RESOURCES TURNER N.J.

5 cm

1:25000

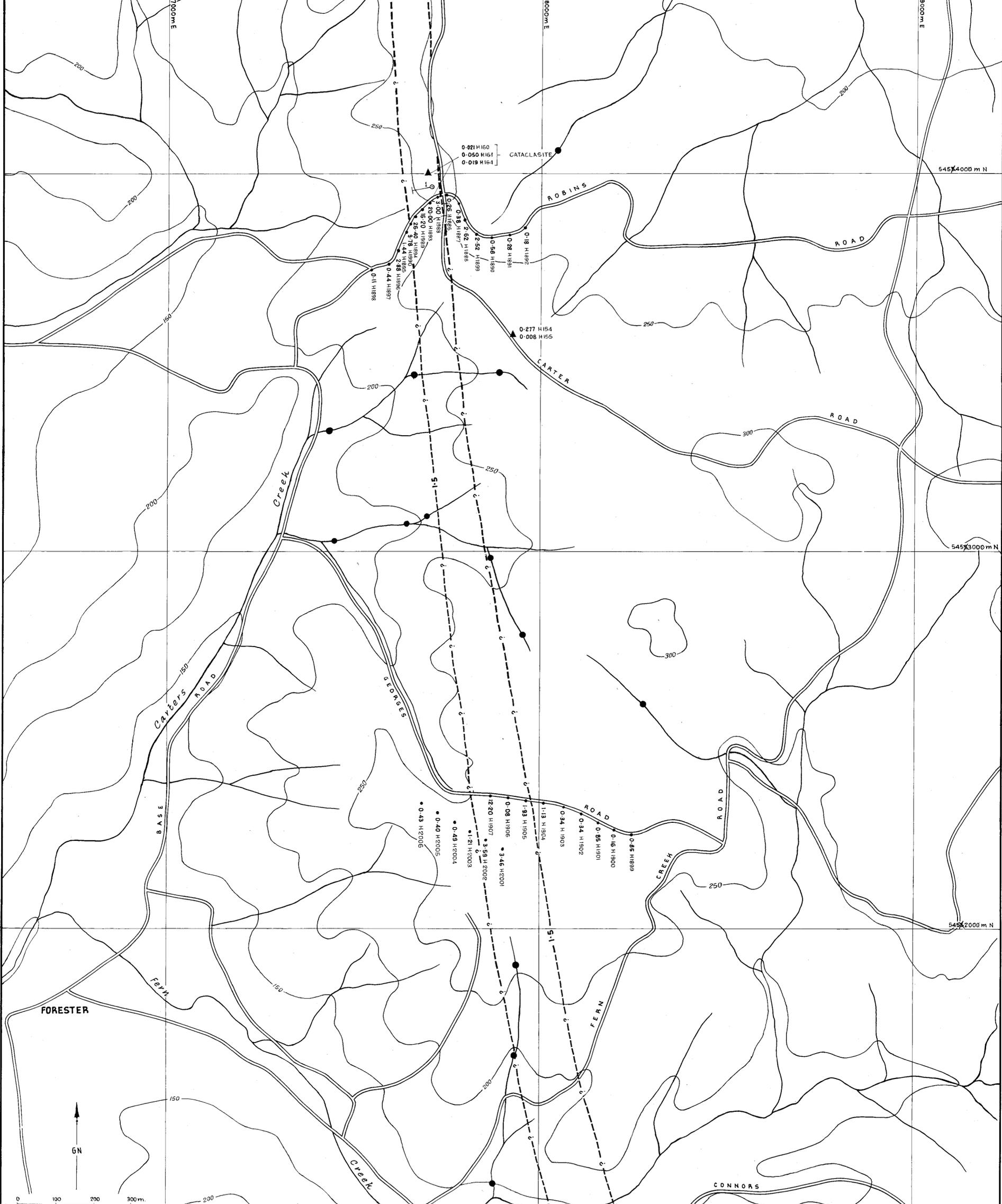
1000 0 1000 2000 Metres

Geology and Miroch 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 5444, 5445, 5446 and 5445. Map produced using Arcview 2.1. All map coordinates in AMG zone 55.

HERALD RESOURCES LTD.

SCOTTSDALE PROJECT TASMANIA
Geology and Stream Sediment Sample Locations
EL25/94
712152

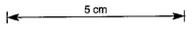
AUTHOR	N.T.	PLAN No.	1
OPERATOR	N.J.M.	Arcview Project	EL2594.APR
DATE	19-1-96	LAYOUT	1



96-3859

ANNUAL REPORT 1994-95 WARRENTINNA
EL 25/94 HERALD RESOURCES TURNER N J

- 6-32 H1995 Soil sample point with BLEG Au (ppb) and sample number; 500 gm. samples; Cu, Pb, Zn, As not shown; samples from about 15cm. depth.
- ▲ 0-134 H147 Rock chip with Au (ppm) and sample number; Cu, Pb, Zn, As not shown; quartz veins except where indicated.
- Stream sediment sample point with As > 25ppm.
- Horizontal projection of RC percussion drill hole; designation LIN1R
- - - Contour roughly marking 1.5ppb. Au in soils.



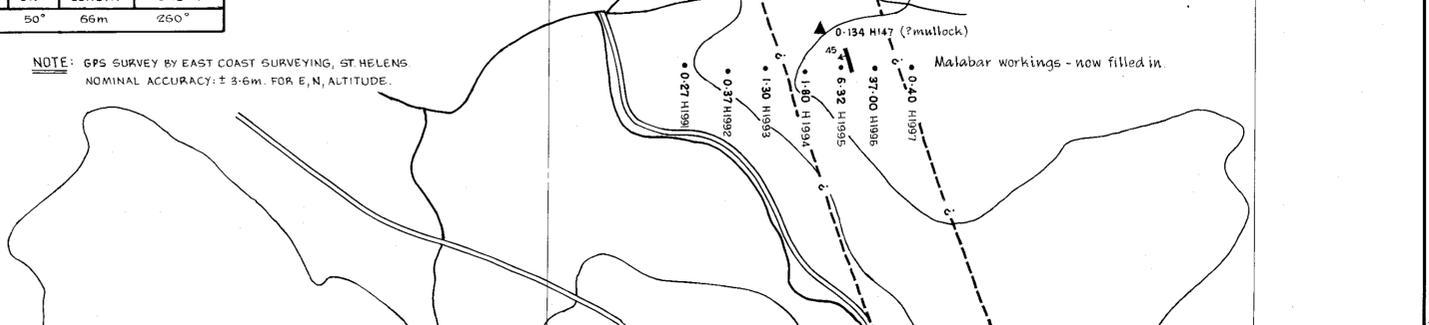
NOTE :- Position of Malabar lode from Blake (1934). Base map derived from TASMALP 1: 25 000 Series, Sheet 5445, Ed 1, 1982 : Pearly Brook.

712153

DRILL HOLE DETAILS						
DRILL HOLE	EASTING	NORTHING	GEODEIC ALTITUDE	DIP	LENGTH	AZMUTH
LIN 1 R	557709.6	5433968.8	254.1	50°	65m	250°

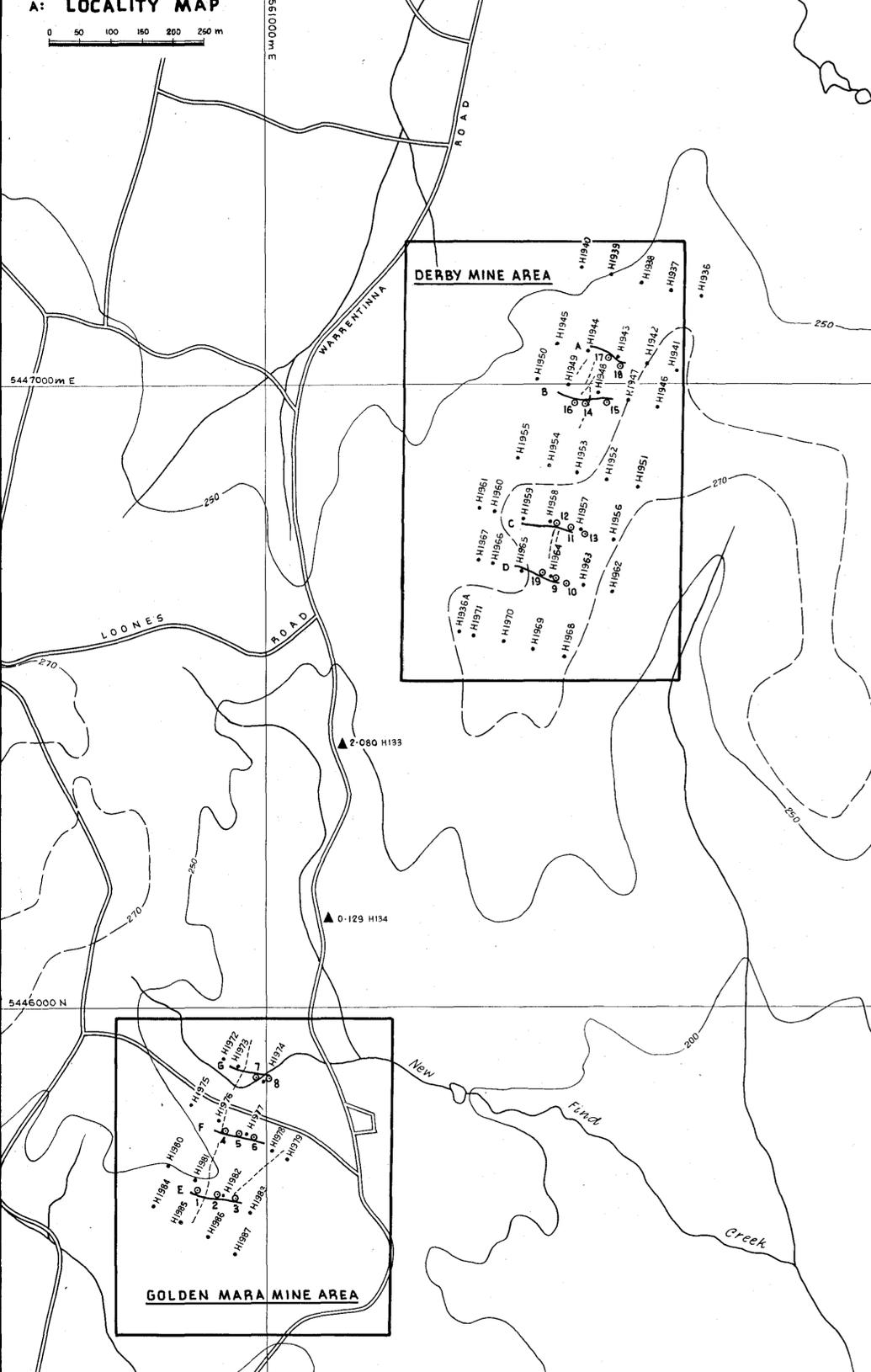
NOTE: GPS SURVEY BY EAST COAST SURVEYING, ST HELENS
NOMINAL ACCURACY: ± 3-6m. FOR E, N, ALTITUDE.

EL 25/9 WARRENTINNA	Plan No: 2
HERALD RESOURCES LTD.	
FORESTER PLANTATION, MALABAR SETTING	Date: Dec. 1995
Soil chemistry, rock chips	Compiled: Nic Turner
	Drawn: Peter Nankivell
	Scale: 1:5000
Contractor: N.J. Turner Geological Services Pty. Ltd.	



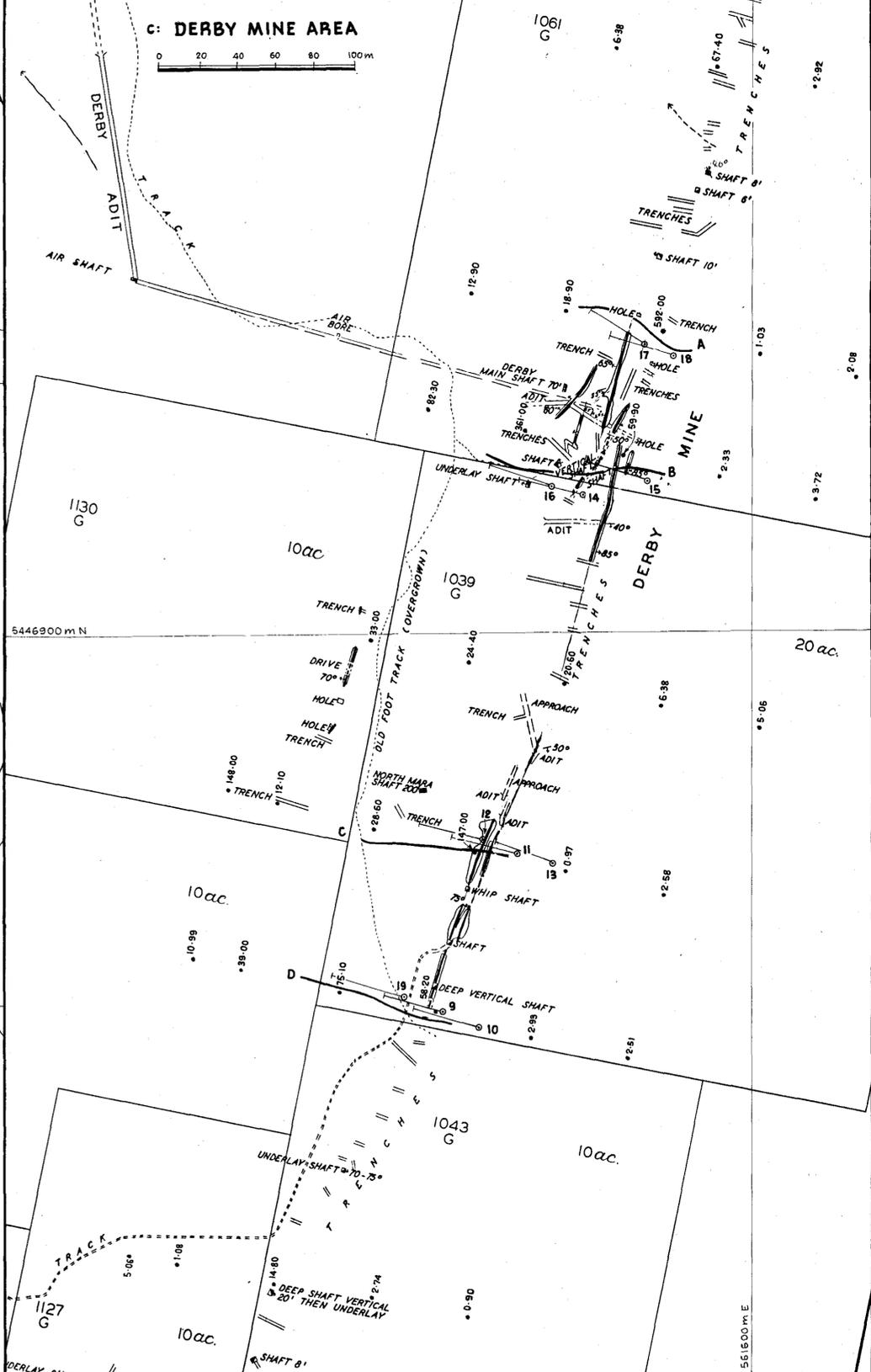
A: LOCALITY MAP

0 50 100 150 200 250 m



C: DERBY MINE AREA

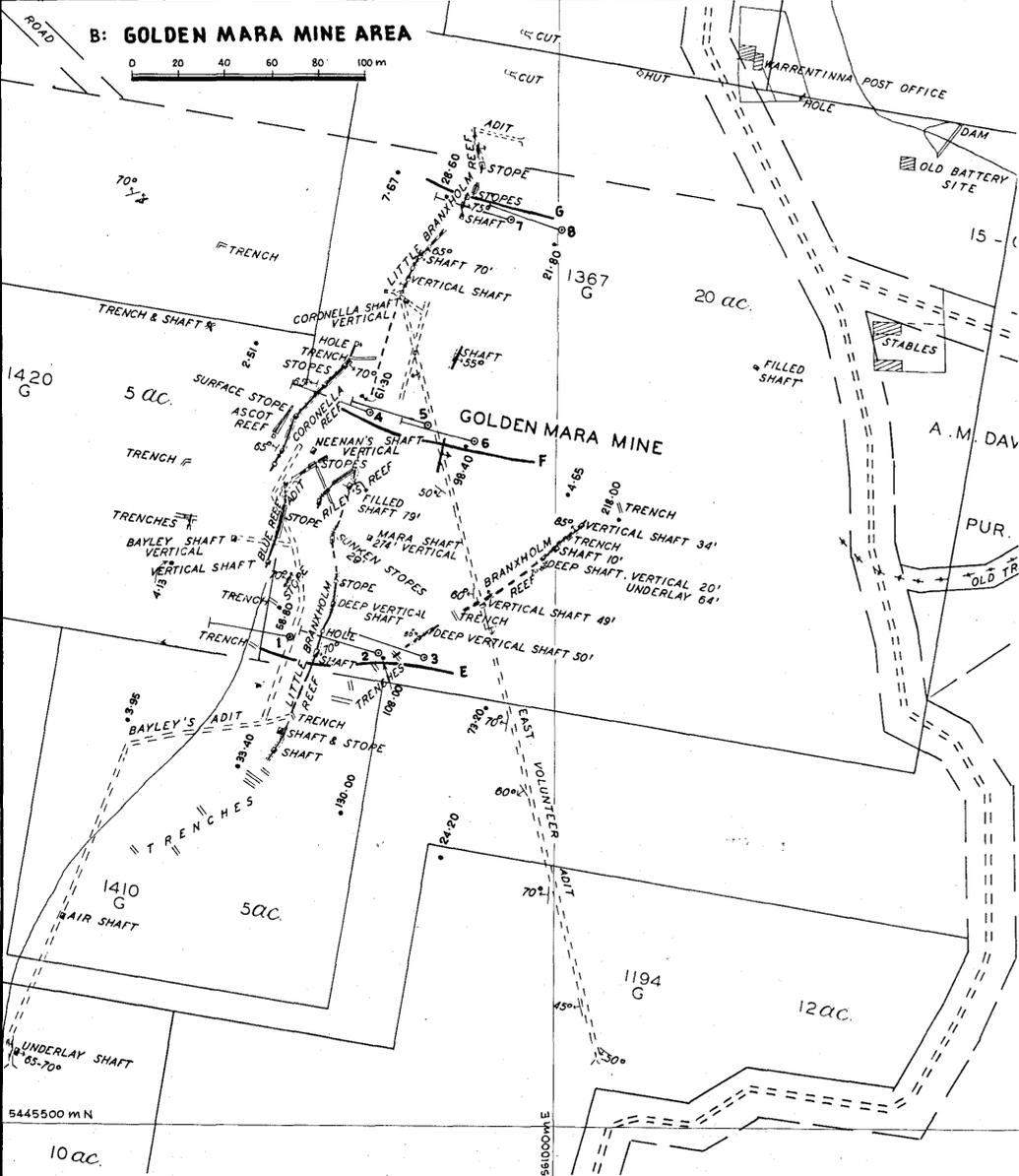
0 20 40 60 80 100 m



GOLDEN MARA MINE AREA

B: GOLDEN MARA MINE AREA

0 20 40 60 80 100 m



DRILL HOLE DETAILS						
DRILL HOLE	EASTING	NORTHING	GEODETIC ALTITUDE	DIP	LENGTH	AZMUTH
WAR 1R	560895.5	5445715.7	249.1	50°	54m	292° (True)
WAR 2R	560921.5	5445707.7	254.0	50°	54m	287°
WAR 3R	560951.0	5445704.0	255.8	50°	54m	289°
WAR 4R	560938.4	5445804.8	243.5	50°	54m	291°
WAR 5R	560953.9	5445797.9	242.8	50°	54m	288°
WAR 6R	560976.7	5445793.6	246.8	50°	54m	285°
WAR 7R	560983.0	5445891.8	229.7	50°	54m	288°
WAR 8R	561005.4	5445885.8	229.6	50°	54m	290°
WAR 9R	561458.6	5445694.5	262.4	50°	54m	288°
WAR 10R	561466.5	5445673.6	286.4	50°	54m	287°
WAR 11R	561489.7	5446774.6	282.8	50°	54m	285°
WAR 12R	561469.7	5446784.1	279.6	50°	54m	287°
WAR 13R	561504.2	5446761.7	287.5	50°	54m	288°
WAR 14R	561522.8	5446978.2	253.2	50°	54m	285°
WAR 15R	561544.9	5446976.0	278.5	50°	54m	286°
WAR 16R	561504.2	5446981.5	254.8	50°	54m	288°
WAR 17R	561553.2	5447038.1	272.4	50°	54m	304°
WAR 18R	561570.5	5447030.4	273.4	50°	54m	288°
WAR 19R	561435.6	5446699.7	265.2	50°	54m	288°

GPS SURVEY BY EAST COAST SURVEYING, ST. HELENS. NOMINAL ACCURACY: ± 3.6m. FOR E, N, ALTITUDE.

96-3859

ANNUAL REPORT 1994-95 WARRENTINNA EL 25/94 HERALD RESOURCES TURNER N.J.

- 14-80 Soil sample point with BLEG Au (ppb); 500 gm samples; Cu, Pb, Zn, As not shown; samples from about 15cm. depth. Sample numbers on MAP A.
- ▲ 0-129 H134 Rock chip sample with significant gold (ppm); sample number; Cu, Pb, Zn As not shown.
- Positions (approx) of main quartz vein lodes (MAP A)
- Horizontal projection of RC percussion drill hole with number; details in table above. Collar positions only on MAP A.
- Trenches A to G

Maps C, B respectively from Warrenlinna Central and South (Blake, 1934, Tas. Dept. Mines). Map A from TASMAP 1:25000 Series, Sheet 5644 DERBY.

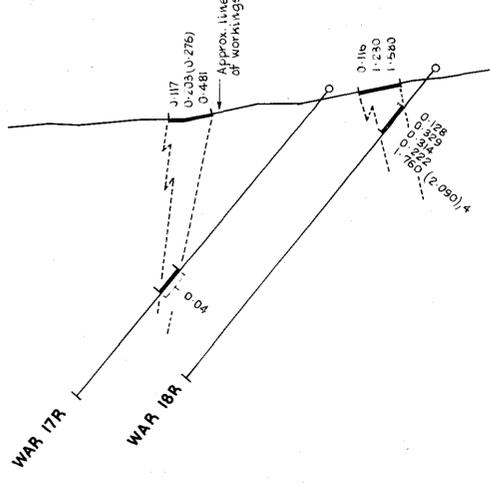
712154

5 cm

EL 25/94 WARRENTINNA	Plan No. 3
HERALD RESOURCES LTD.	
GOLDEN MARA & DERBY-NORTH MARA PROSPECTS	Date: Dec, 1995
Old workings; soil chemistry; trenches; percussion drill holes with GPS positions.	Compiled: Nic Turner
	Drawn: Peter Nankivell
	Scale: 1:5,000, 1:1584
Contractor: N.J. Turner Geological Services Pty. Ltd.	

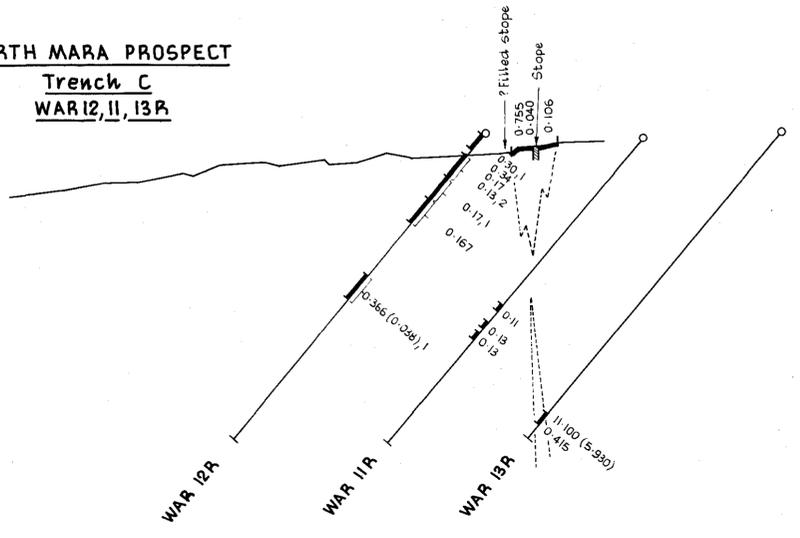
DERBY PROSPECT

**Trench A
WAR 17, 18R**



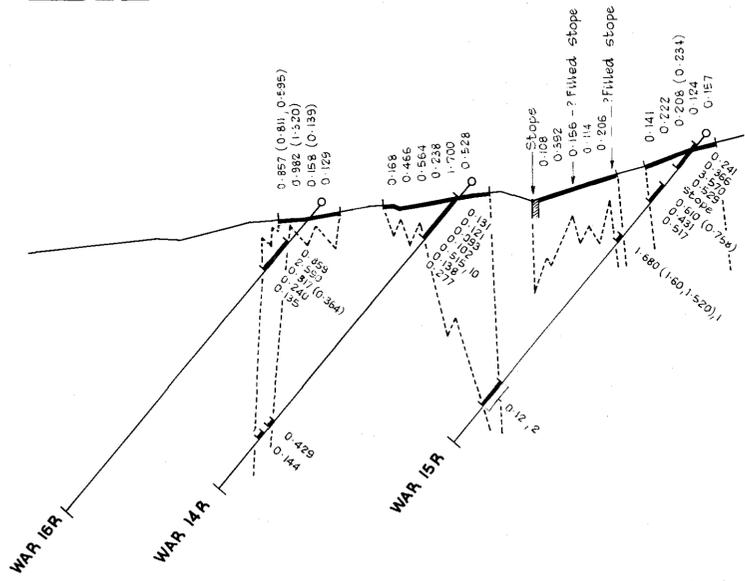
NORTH MARA PROSPECT

**Trench C
WAR 12, 11, 13R**



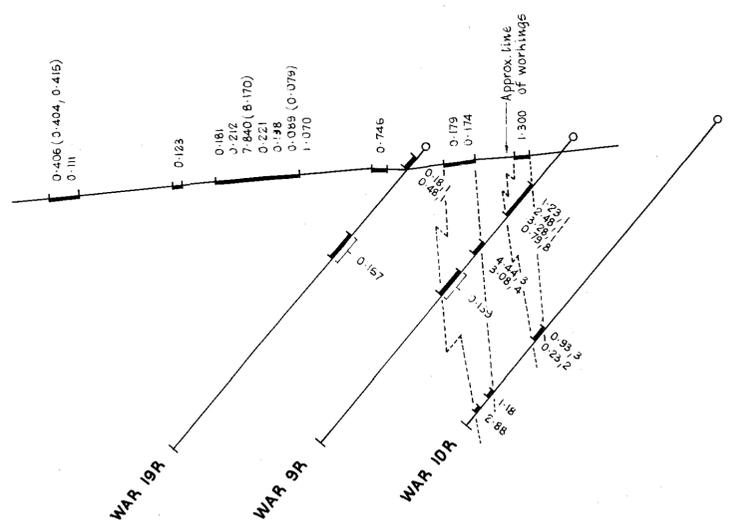
DERBY PROSPECT

**Trench B
WAR 16, 14, 15R**



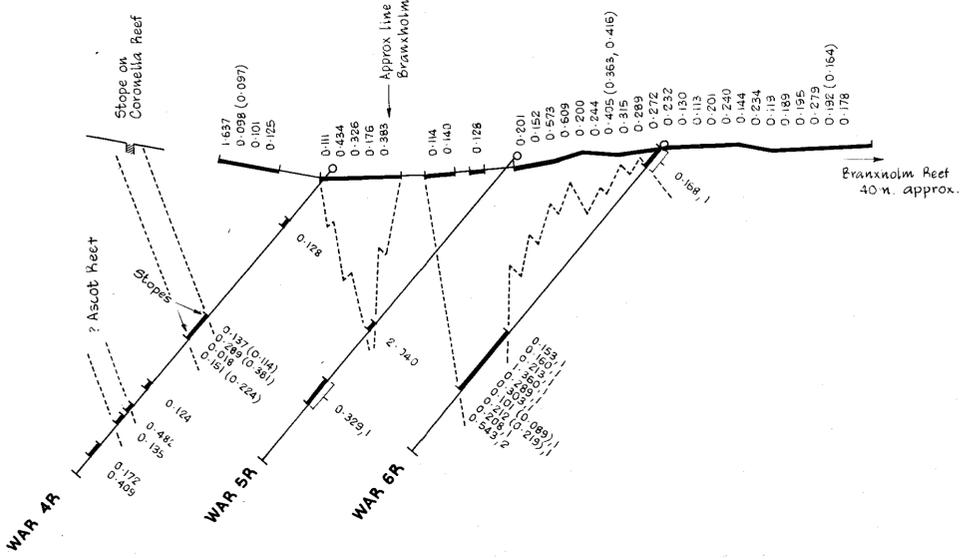
NORTH MARA PROSPECT

**Trench D
WAR 19, 9, 10R**



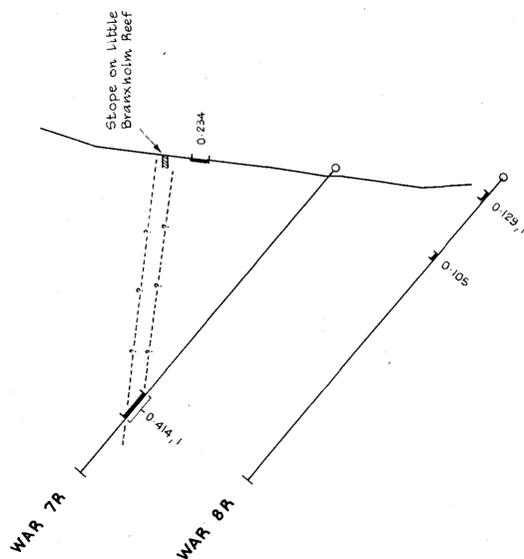
GOLDEN MARA PROSPECT

**Trench F
WAR 4, 5, 6R**



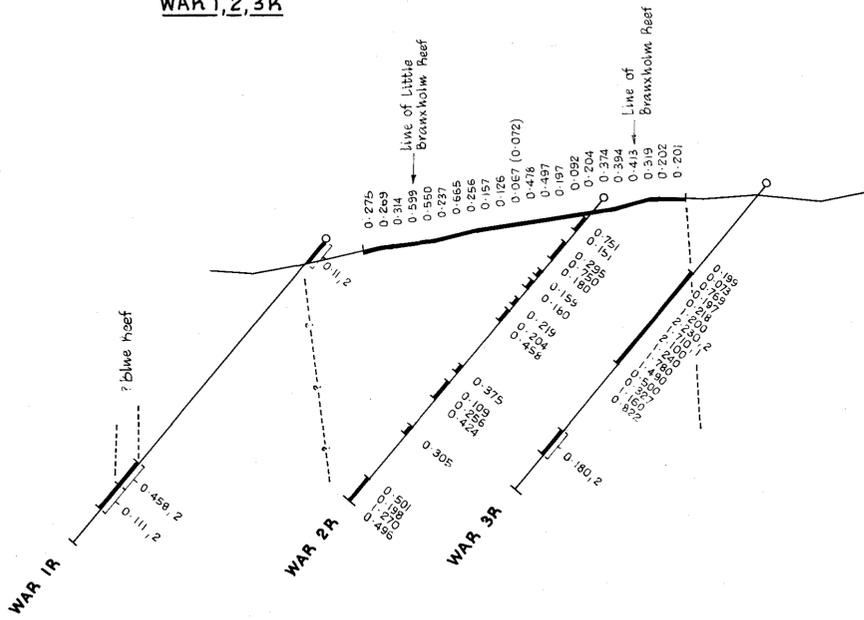
GOLDEN MARA PROSPECT

**Trench G
WAR 7, 8R**



GOLDEN MARA PROSPECT

**Trench E
WAR 1, 2, 3R**



96-3859

ANNUAL REPORT 1994-95 WARRENTINNA
EL 25/94 HERALD RESOURCES TURNER N.J

Interval represented by analyses.

1:760(2030),4 Gold analysis, repeat gold analysis, silver analysis.

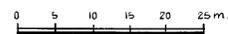
Approx. boundaries around some mineralisation zones.

Sample interval of 2m. in trenches.

Sample interval of 1m. in drill holes.

Bracket indicates 4m. composite in drill holes.

Trenches & collar points surveyed by compass, tape & clinometer



712155



EL 25/94 WARRENTINNA	Plan No: 4
HERALD RESOURCES LTD.	
DERBY, NORTH MARA, GOLDEN MARA PROSPECTS Preliminary cross sections for trenches and RC percussion drill holes show- ing gold analyses over 0.1gpt	Date: March, 1996 Compiled: Nic. Turner Drawn: Peter Nankivell Scale: 1:1000
Contractor: N.J. Turner Geological Services Pty. Ltd.	

