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EXPLORATION LICENCE NO. 24/94
BOOBYALLA, TASMANIA

ANNUAL REPORT 1994-1995

HERALD RESOURCES LTD
40 Kings Park Road
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ANNUAL REPORT 1994-1995

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1.0 SUMMARY AND RECOMMENDATIONS

- Herald Resources Ltd took up EL 24/94 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 old Waterhouse goldfield. Soil chemistry, trenching and channel sampling were used to supplement early maps of the prospects in the course of selecting drill targets.
- Drilling results are surprisingly poor and it is recommended that check sampling of selected intervals in some holes be carried out. If there is no improvement in results then the Lyndhurst and Southern Cross prospects in the Waterhouse goldfield will be of no further interest at this time.
- It is recommended that limited follow-up work be carried out on a number of geophysical sites and on isolated base metal anomalies.

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 24/94 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. 24/94 is located in an area of mostly privately-owned natural forests and farmland. The area is readily accessible by sealed and unsealed, all-weather roads.

3.0 TENEMENT INFORMATION

Exploration Licence:	24/94
Area:	248 square kilometres

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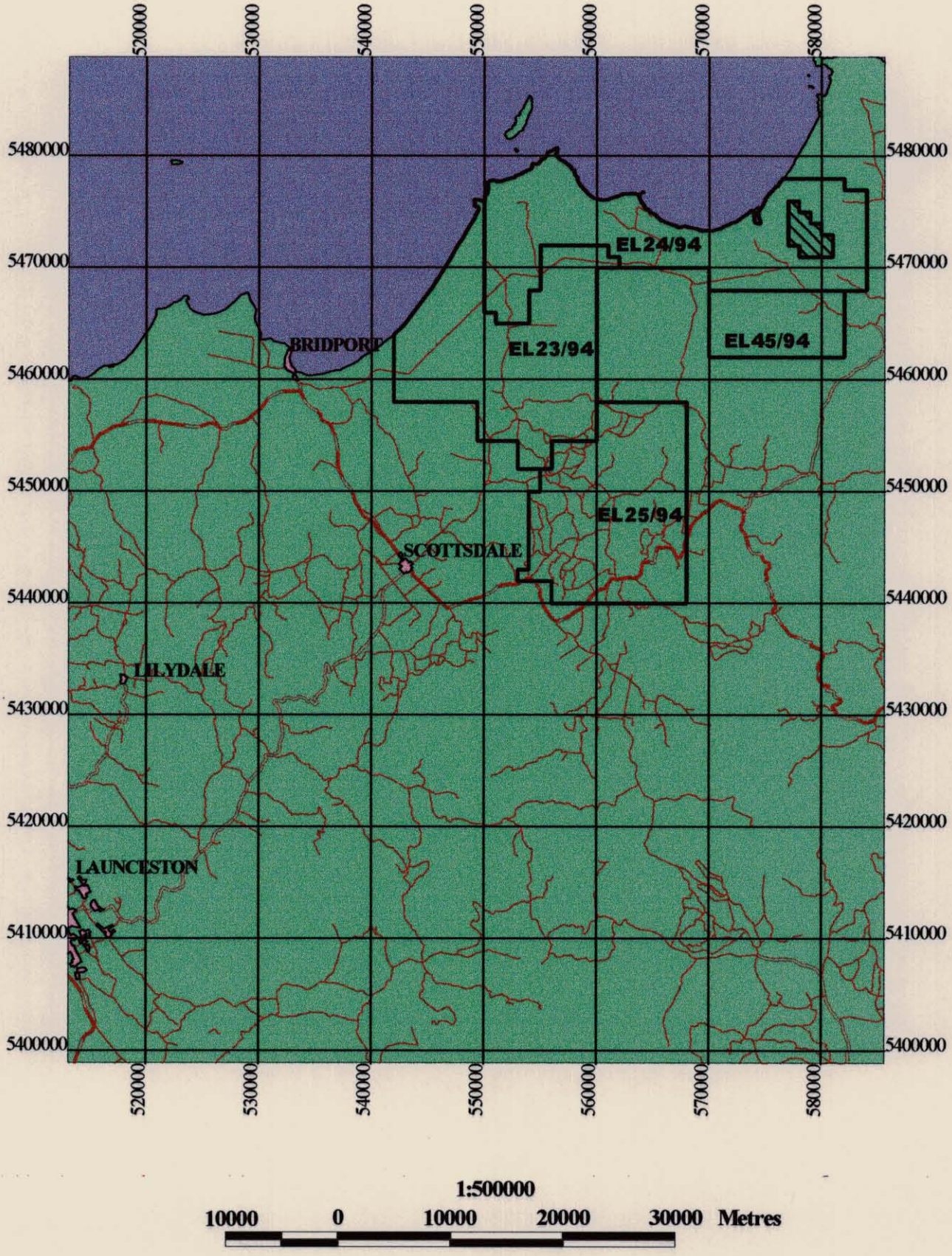

FIG. 1

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

5 cm

Land District: Dorset
Vicinity: Boobyalla
Municipality: Dorset

Schedule:
Commencing at a southwest corner at grid coordinates 550000mE 5466000mN thence grid north to the high water mark at the southern end of Croppies Bay on the north coast of Tasmania thence by that high water mark in a general easterly direction to its intersection with 5478000mN on Boobyalla Beach grid east to 582000mE grid south to 5477000mN again grid east to 584000mE again grid south to 5468000mN grid west to 570000mE again grid north to 5470000mN again grid west to 562000mE again grid north to 5471000mN again grid west to 561000mE again grid north to 5472000mN again grid west to 555000mE again grid south to 5468000mN aforesaid again grid west to 554000mE again grid south to 5465000mN again grid west to 551000mE again grid north to 5466000mN aforesaid thence again grid west to the point of commencement.

The area is exclusive of 13 square kilometres described as follows: Commencing at a south west corner at grid coordinates 577000mE 5472000mN thence grid north to 5476000mN grid east to 578000mE grid south to 5475000mN again grid east to 579000mE again grid south to 5474000mN again grid east to 580000mE again grid south to 5473000mN again grid east to 581000mE again grid south to 5471000mN grid west to 578000mE aforesaid again grid north to 5472000mN aforesaid thence again grid west to the point of commencement.

The area excludes: 0.2 square kilometre Crown Reserves, 0.22 square kilometre Mt Cameron Water Race Exempt Area, and 11ha Mining Leases.

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

4.0 PREVIOUS WORK

Gold was discovered at Lyndhurst during the 1860s. The first brief period of mining commenced in 1869 and was finished by 1873 when the town of Lyndhurst had been abandoned. Up until 1908 there were intermittent attempts to establish mines at Lyndhurst and Southern Cross but none were successful (Gould, 1869; Thureau, 1881; Nye, 1931; Blake, 1934, 1947; Keid, 1950).

There are very few records of production and grades for the Lyndhurst and Southern Cross workings. Holmes (1980) cites unsourced production figures

for the year of 1870 from the battery at the Pioneer prospect (Plan 3) of 158 ounces from 158 tons in April, 81 ounces produced in July, and 696 ounces from 1,300 tons in September. In 1881 a 10cwt parcel of ore from the Railway prospect (Plan 2) yielded a grade of 1oz 16gr per ton (Blake, 1947), that is, 31.6gpt.

Keid (1950) regards figures for a 53.5 ton parcel of ore won from the Alliance prospect (Plan 2) in about 1888 as the most reliable record for the entire field. The parcel yielded 10oz 15dwt 16gr by battery and a further 30oz 17dwt from pyritic concentrates. Overall the parcel gave 15.6dwt of bullion per ton, that is, 23.8gpt. Silver content was apparently high as the bullion was valued at about 70% of the then-current value of fine gold.

At the Pioneer prospect the reef was 3.2m wide at surface but narrowed to a thickness of 0.9m at 9m depth. The near-surface ore was oxidised but galena, pyrite and arsenopyrite were present at shallow depth. Blake (1934, 1947) found that the Railway reef varied 0.3-1.8m in width in poor exposure in deteriorated surface workings whilst he cited early records as showing that the Alliance reef was 0.23m thick at 7.6m depth and 0.30m thick at 11.9m depth. At 11.9m depth the Alliance reef comprised about two-thirds sulphides. A general bulk sample of grey quartz containing substantial arsenopyrite and pyrite from the mullock dump at the Alliance main shaft returned 9dwt or 13.8gpt gold and 14dwt 6gr or 21.8gpt silver per ton (Blake, 1947).

Most work at Southern Cross was in the period 1878 to 1883. Two principal reefs were worked as the Southern Cross mine (Plan 6) with the western reef being the more important. There appear to be no records of production or grade.

In recent times there have been mineral exploration programmes carried out at Lyndhurst by H.J. Stacpoole (Summons, 1983) and at Southern Cross by Placeco Australia Pty Ltd (Morrison and Hofto, 1990). At Lyndhurst preliminary mapping was undertaken and a little rock chip sampling followed by one diamond drill hole (Plan 4). The drill hole was aimed at the Alliance reef but stopped short because the bit was apparently lost (Wally Reid, pers. com.). Analysis of selected intervals of the core returned less than 0.1gpt gold.

Aeromagnetics produced during Placeco's programme are considered by Leaman (Fig. 4 of 1994) in the geophysical review commissioned by Herald which is a companion volume to this report. In another phase of Placeco's programme the Southern Cross prospect was soil-sampled on a 25m x 50m grid (Plan 7) using the Huminex method but no follow-up trenching or drilling was undertaken.

Geological coverage of EL 24/94 is provided by the Boobyalla 1:50,000 Geological Survey of Tasmania map (Baillie et al, 1979) and the licence is within the area covered by the NETGOLD aeromagnetic programme (Richardson, 1994). There is also regional gravity station coverage of the

licence (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 24/94 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, 51 preliminary and 53 follow-up stream sediment samples were collected in EL 24/94 (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 24/94 was confined to areas of particular interest, most notably around Lyndhurst and Southern Cross. During the traversing a total of 36 rock chip samples were collected (Appendix 3). The samples were analysed by Analabs Pty Ltd for Cu, Pb, Zn, Au and As (Appendix 4). Gold was analysed by fire assay of a 30gm charge giving a detection limit of 0.008ppm.

5.5 Soil sampling

Soil samples were collected on a 50m x 50m grid which was marked out over the Pioneer prospect and part of the Martial Call prospect at Lyndhurst (Plan 4). The grid was laid out parallel to the Blackmans Lagoon Road which is at a high angle to the general NE trend of the old workings in the Lyndhurst area (Plans 2, 3).

Reconnaissance soil samples were collected along a fence line which cuts across the trend of the old Lyndhurst workings near the Railway prospect. Reconnaissance sampling was also undertaken along the Lyndhurst farm road and the Lakes Entrance Road. The Lyndhurst farm road passes near the Alliance prospect whilst the Lakes Entrance Road passes near scattered minor workings east of Blackmans Lagoon Road (Plan 3).

Soil samples were also collected at Southern Cross where a grid put in by Placeco Australia Pty Ltd (Morrison and Hofto, 1990) was used. The Placeco grid had been laid out at a high angle to the trend of the old Southern Cross workings (Plans 6,7) and a number of lines were resampled using Herald's soil sampling method in order to gauge the magnitude of anomalism.

A total of 190 soil samples were collected at Lyndhurst whilst 109 were collected at Southern Cross. In general they were collected at depths of about 15cm in residual soils which mostly comprise sand, clay and subordinate, angular, weathered, bed-rock fragments. The samples were sieved through a mesh of about 1.5mm (kitchen strainer) and weighed approximately 0.5kg. They were analysed for Cu, Pb, Zn, Au and As by Analabs Pty Ltd (Appendix 2). Gold was analysed by the BLEG method after the samples had been pulverised. The detection limit for gold was 0.05ppb.

5.6 Trenching and channel sampling

Trenches were excavated across the Pioneer, Martial Call and Southern Cross prospects (Plans 4, 5, 7, 8) 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 94m were excavated in two trenches across the Pioneer prospect with 132m in three trenches at the western end of the Martial Call prospect. A total of 374m was excavated in four trenches at Southern Cross.

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 usually 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 (Plans 5, 8). Gold analyses were by fire assay of a 30gm charge giving an 0.008ppm detection limit.

Altogether, 47 and 66 channel samples respectively were obtained from the Pioneer and Martial Call trenches. Only two of the trenches at Southern Cross were channel sampled and 47 samples were obtained.

5.7 Percussion drilling

Ten RC percussion drill holes were put down in the Lyndhurst area (Plan 4). Another four holes were put down at Southern Cross (Plan 7).Diamond Drilling Tasmania Pty Ltd of Zeehan carried out the drilling using a TRC42 face sampling hammer on four inch Metzke rods driven by a UDR650 rig coupled to a 350psi, 900cfm Sullair compressor. The rig and compressor were mounted on separate tracked vehicles.

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

Four holes totalling 220m were drilled into the Pioneer reef at Lyndhurst. Another two holes totalling 108m were drilled into a soil anomaly some 300m north of the Pioneer reef. Two holes of 60m and 54m were drilled on the trend of the Alliance reef and two holes of 54m each were drilled on the trend of the Railway reef. Four holes totalling 219m were drilled on the reefs at the old Southern Cross mine. Altogether, 661m were drilled, logged and assayed in EL 24/94.

5.8 GPS surveying

GPS positions for the percussion drill holes were determined by East Coast Surveying of St Helens using a Trimble Pathfinder detector linked to a Trimble TDC1 data processor. The reduced data is shown in Plans 5,7 with an indicated accuracy of +- 3.6m for each of Easting, Northing and Geodetic Altitude. Comparison between GPS results and tape, compass and clinometer surveying in the Warrentinna area (EL 25/94) suggests that the indicated accuracy is optimistic.

6.0 DATA AND DISCUSSION

6.1 Regional geological setting of Herald's tenements

6.1.1 Mathinna Group and granitoids

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

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

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

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

The belt of Mathinna Group that extends through Herald's exploration licences from Branxholm to Waterhouse is a deep roof pendant between two granitoid batholiths, the Blue Tier Batholith to the east and the Scottsdale Batholith to the west. Hornblende–biotite granodiorite is an early granitoid phase in the nearby parts of each batholith, followed by biotite adamellite and alkali feldspar granite.
Thermal metamorphism by the granitoids produced cordierite–andalusite hornfels in contact zones of the Mathinna Group grading to spotted slates in distant parts of the metamorphic aureoles. The aureoles range from about 1km in width against steep contacts to about 5km in width against shallow contacts such as that at Mt Horror.

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

6.1.2 Late Palaeozoic to Cainozoic rocks

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

6.1.3 Mineralisation

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

Gold is known more as a hardrock commodity than as an alluvial commodity though it was a 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

In the western part of EL 24/94 the geophysical interpretation identified significant junctions of trends in the area between Southern Cross and Lyndhurst, also north of Lyndhurst near the coast at 549000E5474000N (Figs. 8, 9 of Leaman, 1994). No follow-up work has been attempted in the latter area because of extensive sand cover. In the former area there is good coverage by stream sediment sampling and partial coverage by grid mapping

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and soil sampling. Geophysical junctions at 574000E5469000N and 579000E5468000N in the eastern part of EL 24/94 are well covered by stream sediment sampling.

A linear feature highlighted by the geophysical interpretation trends north out of EL 23/94 into EL 24/94 (Figs. 8, 10 of Leaman, 1994). The northern part of the feature corresponds to a series of aeromagnetic highs which trend about 5º east of north along a line running just west of Southern Cross to just east of Lyndhurst (Fig. 4 of Leaman, 1994). The linear feature includes the significant junction of trends in the area between Southern Cross and Lyndhurst.

A distinctive magnetic unit that lies south west of Lyndhurst appears to terminate against the linear feature in a locality some 2km south of Southern Cross. Thus, it seems likely that the linear feature corresponds to a fault which contains distinct lenses of magnetic material in the segment between Southern Cross and Lyndhurst. Mapping at Southern Cross has substantiated this interpretation (see below).

6.3 Regional stream sediment chemistry

Only a few gold values were returned from stream sediment samples collected in EL 24/94 and they are all in the area around the Waterhouse goldfield (Plan 1). A best gold value of 0.124ppm was obtained just below the old Southern Cross workings where there may be influence from tailings or run-off from the workings. Many other streams in the Waterhouse area have been substantially altered through the development of agricultural drainage. The effect of these modifications on the magnitude and distribution of metal values is unknown.

The stream with anomalous gold near the Southern Cross workings is also anomalous in lead and arsenic, both downstream of the old workings and upstream from them. Anomalous lead values (30–54ppm) and elevated to anomalous arsenic values (10–46ppm) are common in drainages flowing east and west from the ridge that runs northwards from east of Southern Cross to east of Lyndhurst. The northerly trending, linear geophysical feature that was identified in the regional geophysical interpretation lies along the western flank of this ridge, within the belt of anomalous drainage.

6.4 Local geology and rock chip chemistry

Rock exposure at Lyndhurst is very poor. For the most part the area is covered by soil and the old workings are now either collapsed or filled in, partially overgrown or choked with rubbish. The Alliance workings are in the best original condition but there is little to be seen of the mineralisation. Fortunately Blake's (1934) maps provide a good record of the surface expression of the lodes (Plans 2, 3), showing them to be short structures with trends of 20º–45º arranged roughly *en echelon* in a zone with an overall trend of about 50º.

Rock chip samples were collected from mullock at all the Lyndhurst prospects (Appendix 3, 4). A gold value of 1.91gpt (H150) was returned from quartz containing abundant arsenopyrite at the Alliance prospect whilst a value of

15.2gpt (H945) was returned from quartz carrying galena at the Railway prospect. Strongly laminated quartz at the northern New Monarch workings returned only 0.026gpt (H946) whilst gold in massive quartz containing minor pyrite at the Hope prospect was below detection limit (H947).

Quartz from the Pioneer prospect returned 0.112gpt (H941) which is markedly less than many of the gold values, ranging up to 1.141gpt, returned from channel sampling (Plan 5). Quartz from the western end of the Martial Call prospect returned 0.014gpt (H173), which is of the same order as gold values returned from nearby channel sampling.

Mapping of the Mathinna Group on the Placeco grid at Southern Cross (Plan 7) was mostly on the basis of float though there are scattered patches of outcrop and *in situ* rubble. A prominent structure in the Mathinna Group just west of the Southern Cross mine comprises a narrow belt of intense quartz veining or stockwork which locally contains foliated to massive breccia. The belt is interpreted as a fault marked by dispersed shearing with the quartz stockwork representing intense fracturing between the shear surfaces. The fault trends about 5º east of north and coincides with the linear feature that was identified in the geophysical data.

The quartz vein lodes at Southern Cross occur on the eastern side of the fault and trend 20º–70º. Around 4km of dextral displacement is required to make the collective zone of mineralisation at Southern Cross equivalent to the zone of mineralisation at Lyndhurst which falls on the western side of the fault.

The western quartz reef of the Southern Cross mine is approximately 10cm thick in an underlay working near 1000E600N on the Placeco grid. It is banded, pale to dark grey, contains limonite patches and returned a gold assay of 8.79gpt (H181). Morrison and Hofto (1990) reported rock chip gold values that were both substantially higher, and lower, than this in the Southern Cross area. In all, the values of gold in quartz veins at Southern Cross and Lyndhurst are very patchy.

6.5 Soil chemistry

Areas of anomalous gold were delineated in soils on the grid which covers the Pioneer prospect and the western part of the Martial Call prospect (Plan 4, Appendix 2) in the Lyndhurst area. Near and north west of the Pioneer prospect gold values range from 10ppb to an exceptional value of 1,342ppb. Further east there are several small areas in which gold values range from 10–20ppb but there is no coherent, larger area that can be related to the Martial Call prospect as a whole.

The soil chemistry provides little evidence of extension of the Pioneer lode along strike to the north east and there is only a suggestion of an extension to the south west. Rather, the pattern of anomalism suggests that there may be a cross cutting mineralised structure of north west trend.

Reconnaissance soil lines in other parts of the Lyndhurst area returned elevated gold values near several of the old prospects. An elevated value of 7.40ppb east of the Railway working suggests that there may be continuity between the Railway reef and a lode that was prospected in old shafts and trenches further east (Plan 2). Elevated gold values of up to 161ppb were returned from soils near and north west of the Alliance prospect but values near the Hope prospect are low. Soils near the New Monarch prospect were not sampled because of extensive mantling by wind-blown sand.

The soils that were initially sampled near and north west of the Alliance and Pioneer prospects came from about 15cm depth and comprise sand, clay and coarse quartz and lithic fragments. Though most of the quartz fragments are angular, the presence of a few well-rounded pebbles in the Alliance soils led to a suspicion that placer processes may have enhanced the gold values in the soils. Resampling below the gravelly layer at about 45cm total depth caused a substantial reduction in the level of anomalism in the Alliance area but good values were maintained near the Pioneer prospect.

Soil sampling on selected lines of the Placeco grid at Southern Cross (Plan 7) returned scattered high gold values up to 996.63ppb around the old Southern Cross mine (Plan 6) and along the strike of its western and eastern reefs. There is mixed agreement between Herald's soil results and values from the previous Huminex survey (Morrison and Hofto, 1990) though there is mostly correspondence of high gold values.

Gold does not appear to be present in the fault zone that was mapped just west of the Southern Cross workings. Neither do copper, lead, zinc nor arsenic show a clear correlation with the fault. However, the segments of the fault which have corresponding aeromagnetic anomalies are off the grid and were not covered by soil sampling.

6.6 Trenching and channel sample chemistry

Trenches across the Pioneer lode show very deeply weathered sandstone on either side of a unit of grey, carbonaceous siltstone and mudstone (Plan 5). There is brecciation in part of the pelitic unit along with adjacent fine quartz vein stockwork. There also appears to be some silicification whilst small, puggy, pinkish-white patches are suggestive of weathered alteration minerals (? carbonate).

Pale to medium grey, unbanded, massive quartz veins occur widely but gold values returned from channel samples do not correlate with these veins. Instead, the gold values correlate with the structural/lithological assemblage described above.

In Trench B at the Pioneer prospect the interval from 14m to 32m averages 0.46gpt gold and corresponds closely with the pelitic unit. There is marked enrichment in the structured and altered part between 16m and 24m where gold averages 0.78pgt. Gold values in the range 0.19gpt to 0.57gpt were returned

from the pits between Trench B and Trench A. In these pits and in Trench A gold values were returned from sandstone as well as pelite. In Trench A the interval 2m to 16m averages 0.17gpt.

Trenches at the western end of the Martial Call prospect are in deeply weathered sandstone. Veins of pale to medium grey, unbanded massive quartz are widespread in the trenches and are abundant in places (Plan 5). However, there seems to be no correlation between the presence or absence of veins and the almost pervasive, very low gold values that were returned from channel sampling.

Sequences dominated by sandstone are exposed in the trenches at Southern Cross and quartz veins are very sparse. In Trench G at North Southern Cross (Plans 6, 7, 8) very low values of gold are pervasive but there is a 4m interval (10m–14m) averaging 0.13gpt which closely corresponds to the main reef mapped by Blake (1934) in this area.

Trench F crosses the eastern and western reefs of the old Southern Cross mine. Most of the trench returned gold values below detection limit but there are relatively broad, very low grade intervals from 14m–26m and 78m–96m where the eastern and western reefs respectively intersect the trench. The 4m interval 90m–94m averages 0.15gpt and corresponds closely to the position of the western reef. The eastern reef cannot be so precisely located.

6.7 RC percussion drilling

Four holes designated LYH1, 2, 3 and 4R were drilled beneath the Pioneer workings (Plan 4) which trend about 30º. All four holes had an azimuth of 120º and dip of 50º. Holes LYH2 and 3R are respectively the upper and lower members of a `fence' in the middle of the workings whilst holes LYH1 and 4R tested each end of the workings.

An interval in which the Mathinna Group contains common quartz veins was intersected between 0m–18m in LYH2R and again between 18m–34m in LYH3R (Appendix 5). However, only the upper 0m–9m of the intersection in LYH2R contains significant gold values. These values range 0.18gpt – 0.72gpt, similar to the gold values returned from nearby pits and trenches. The presence of a stope between 6m–8m indicates that the Pioneer reef was contained in this mineralised interval. However, the reef and its adjacent low–grade mineralisation did not extend to the depth of LYH3R.
No stopes were encountered in the holes at either end of the Pioneer workings. The holes intersected intervals of common quartz veining but the gold values returned are very low. Overall, the four holes in the Pioneer reef returned low to very low gold values which show an imperfect correlation with the presence of quartz veins.

The soil anomaly northwest of the Pioneer workings was tested by drill holes designated LYH5 and 6R. Nothing of interest was intersected, possibly because the inferred mineralised interval dips in the same direction as the drill

holes.

Holes LYH7 and 8R respectively were put down near the eastern and western ends of the Alliance workings. Common quartz veins with occasional traces of chlorite, pyrite and arsenopyrite were intersected between 34m–60m in LYH7R and between 2m–30m in LYH8R. Surprisingly, gold values in both holes are consistently below detection limit. It would seem that the mineralised quartz vein lode at the Alliance workings was of very limited lateral extent.

Hole LYH9R was put down directly below the Railway workings. Again intervals of common quartz veining with occasional traces of chlorite, pyrite and arsenopyrite were intersected but only two very low gold values were returned. Gold values were below detection limit in another hole some 80m along strike of the Railway reef.

The four RC percussion drill holes at Southern Cross were aimed at testing high soil values over the western and eastern reefs of the old Southern Cross mine (Plans 6, 7). Nothing of real interest was intersected. Even where the hole designated SCR1R intersected the stope on the western reef only a tiny amount of gold was found in the adjacent rocks (Appendix 5). Hole SCR4R returned 0.6gpt of gold from a 1m intersection of massive, white, arsenopyritic quartz in the eastern reef.

7.0 CONCLUSIONS

The complete absence of interesting gold values from most sections of the drill holes at Lyndhurst and Southern Cross is disconcerting. As things are, the only intersections of any note are in LYH2R at the Pioneer prospect and in SCR4R at Southern Cross. In LYH2R values ranging 0.18gpt – 0.72gpt were returned from 0m–9m whilst in SCR4R 0.6gpt was returned from 15m–16m.

Drill holes LYH7R and LYH8R at the Alliance prospect and drill hole LYH9R at the Railway prospect each encountered intervals of common vein quartz with scattered traces of chlorite, pyrite and arsenopyrite. However, virtually no gold values were returned. A selection of 1m bags from these intervals should be riffle split for supplementary analytical samples in order to provide a check on the original 'speared' samples.
Should some encouragement be forthcoming from further analyses then other work may be worth considering. For example, drilling the soil anomaly north of the Pioneer prospect from other positions and directions.

The magnetic segments of the fault that runs northerly from just west of Southern Cross to just east of Lyndhurst should be located on the ground, geologically mapped and soil sampled. Similar work should be carried out in areas around isolated, anomalous base metal values and on key geophysical sites in the eastern part of the licence.

8.0 ENVIRONMENTAL MATTERS

Trenches at Lyndhurst and Southern Cross will require refilling 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.

Little damage was caused to larger eucalypt trees during trenching as the bushland is fairly open and the trenches deviate around trees. Similarly, little damage was caused through access by the drilling vehicles.

Bags of drilling product are currently stored at the Pioneer prospect and at Southern Cross. They will be disposed of in due course.

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

9.0 REFERENCES

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APPENDIX 1:

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

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

APPENDIX 1 **EL24/94**

AMG Locations and Analytical Data for Stream Sediment Samples- refer to PLAN 1

samp-id	Easting	Northing	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As1
H917	568700	5473300	6	3	7	-0.008	-0.008			8.3	8.3	
H918	569750	5472600	6	6	4	-0.008	-0.008			2.2	2.2	
H919	569850	5472700	7	-3	7	-0.008	-0.008			5.4	5.4	
H921	571150	5471550	5	7	2	-0.008	-0.008			2.3	2.3	
H922	570650	5470850	4	17	5	-0.008	-0.008			7.6	7.6	
H923	570550	5469900	3	5	4	-0.008	-0.008			1.5	1.5	
H924	571150	5469900	5	21	5	-0.008	-0.008	-0.008		7.1	7.1	
H925	571300	5469100	4	17	6	-0.008	-0.008			4	4	
H930	573050	5470900	4	8	6	-0.008	-0.008			-0.5	-0.5	
H932	573300	5470700	8	12	5	-0.008	-0.008			6.9	6.9	
H933	573400	5470600	20	30	28	-0.008	-0.008			7	7	
H449	577700	5468500	11	9	34					6	6	
H450	577400	5468200	6	10	13	-0.008	-0.008			2.5	2.5	
H451	577200	5468100	7	8	15	-0.008	-0.008			2.5	2.5	
H452	577100	5468100	6	10	11	-0.008	-0.008			1.5	1.5	
H453	576700	5468200	8	10	11	-0.008	-0.008			1.5	1.5	
H454	576300	5468100	6	4	9	-0.008	-0.008			1.5	1.5	
H455	578500	5468000	10	12	31	-0.008	-0.008			7.5	7.5	
H475	575500	5468300								9	9	
H482	573600	5469200	4	7	13	-0.008	-0.008			1.5	1.5	
H483	573700	5469300	10	27	24	-0.008	-0.008			15.5	15.5	
H484	573400	5469500	5	15	16	-0.008	-0.008			3.5	3.5	
H485	573400	5469600	4	5	7	-0.008	-0.008			1.5	1.5	
H486	573300	5470700	13	61	413	-0.008	-0.008			2.5	2.5	
H487	572900	5470600	9	7	22	-0.008	-0.008			1.5	1.5	
H488	573100	5470100	7	18	20	-0.008	-0.008			11.5	11.5	
H489	573400	5468600	28	33	36	-0.008	-0.008			7.5	7.5	
H490	573300	5468400	20	35	57	-0.008	-0.008			10.5	10.5	

APPENDIX 1 **EL24/94**

AMG Locations and Analytical Data for Stream Sediment Samples- refer to PLAN 1

samp-id	Easting	Northing	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As1
H491	573000	5468300	15	60	37	-0.008	-0.008			8.5	8.5	
H500	579500	5468200	10	6	16	0.008	0.008			1	1	
H501	579400	5468100	8	4	12	-0.008	-0.008			1	1	
H527	552000	5465600	22	43	31	0.124	0.124			46	46	
H528	551700	5466100	19	37	39	0.097	0.097			23	23	
H529	551600	5467100	14	21	51	-0.008	-0.008			23	23	
H530	552400	5467100	24	31	41	-0.008	-0.008			24	24	
H531	552100	5467600	28	18	69	-0.008	-0.008			13.5	13.5	
H532	551900	5468400	8	-3	10	-0.008	-0.008			8	8	
H533	552100	5468700	13	5	35	-0.008	-0.008	-0.008		5.5	5.5	
H534	552700	5469100	19	39	247	-0.008	-0.008			3	3	
H594	553600	5465700	6	6	20	-0.008	-0.008			6		6
H599	552350	5467970	6	3	17	-0.008	-0.008			5		5
H605	550120	5467100	8	3	55	-0.008	-0.008			6.5		6.5
H606	550170	5467170	18	15	37	0.012	0.012			7		7
H607	550700	5467700	15	6	29	-0.008	-0.008			6		6
H608	550500	5468300	6	-3	17	-0.008	-0.008			3.5		3.5
H609	550850	5468950	14	18	63	0.03	0.03			19		19
H610	550350	5468650	17	17	68	-0.008	-0.008			5.5		5.5
H611	550400	5469850	17	14	45	-0.008	-0.008			6		6
H612	551400	5468550	11	11	37	-0.008	-0.008			6.5		6.5
H613	551550	5469200	14	14	54	-0.008	-0.008			9.5		9.5
H614	551370	5469500	7	6	23	-0.008	-0.008	-0.008		4.5		4.5
H854	552100	5467900	8	8	9	-0.008	-0.008			7.9	7.9	
H855	552360	5467850	7	-3	9	-0.008	-0.008			1.8	1.8	
H856	552570	5467840	8	3	8	-0.008	-0.008			1.5	1.5	
H857	552830	5467800	9	-3	7	-0.008	-0.008		-0.008	3.9	3.9	
H858	551070	5468110	11	3	12	-0.008	-0.008			4.1	4.1	

APPENDIX 1 **EL24/94**

AMG Locations and Analytical Data for Stream Sediment Samples- refer to PLAN 1

samp-id	Easting	Northing	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As1
H859	551300	5468020	8	4	9	-0.008	-0.008			1.6	1.6	
H860	551580	5468040	5	3	7	-0.008	-0.008			3.6	3.6	
H861	552150	5468400	10	8	13	-0.008	-0.008			12.4	12.4	
H862	551900	5468430	9	9	16	-0.008	-0.008			16.7	16.7	
H863	552350	5468260	9	8	10	-0.008	-0.008			8.6	8.6	
H864	552850	5468150	20	11	19	-0.008	-0.008			16.6	16.6	
H865	552780	5467940	10	-3	8	-0.008	-0.008	-0.008		1.9	1.9	
H883	552070	5467580	22	26	40	-0.008	-0.008			26.3	26.3	
H884	552300	5467600	15	14	22	-0.008	-0.008			23.9	23.9	
H885	552500	5467600	31	20	29	-0.008	-0.008			13.1	13.1	
H886	552770	5467570	27	36	30	-0.008	-0.008			15.8	15.8	
H887	552880	5467380	14	12	15	-0.008	-0.008			3.3	3.3	
H889	550870	5467560	12	4	12	-0.008	-0.008			5	5	
H890	551120	5467730	14	12	25	-0.008	-0.008	-0.008		4.6	4.6	
H891	551350	5467750	10	7	9	-0.008	-0.008			2.9	2.9	
H892	551580	5467820	9	-3	10	-0.008	-0.008			2.1	2.1	
H893	551820	5467620	10	6	9	-0.008	-0.008		-0.008	5.3	5.3	
H894	551870	5467070	19	26	39	-0.008	-0.008			22.9	22.9	
H895	551300	5467070	19	33	26	-0.008	-0.008			14.1	14.1	
H896	551060	5467090	20	34	28	-0.008	-0.008			32.5	32.5	
H897	550760	5467150	10	7	16	-0.008	-0.008			5.1	5.1	
H898	550520	5467160	18	22	15	-0.008	-0.008			17.2	17.2	
H899	552100	5467150	27	27	41	-0.008	-0.008			25.4	25.4	
H1200	552600	5466980	27	32	33	-0.008	-0.008	-0.008		29.2	29.2	
H1201	552620	5469530	13	-3	10	-0.008	-0.008			2.4	2.4	
H1202	552360	5469500	10	10	15	-0.008	-0.008			-0.5	-0.5	
H1203	552120	5469530	17	10	11	-0.008	-0.008			3.2	3.2	
H1204	552450	5469100	39	30	48	-0.008	-0.008			20.2	20.2	

APPENDIX 1 **EL24/94**

AMG Locations and Analytical Data for Stream Sediment Samples- refer to PLAN 1

samp-id	Easting	Northing	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As1
H1205	552300	5468970	18	16	16	-0.008	-0.008			16.8	16.8	
H1206	553520	5468530	9	-3	8	-0.008	-0.008			1.6	1.6	
H1207	553350	5468620	10	17	18	-0.008	-0.008			26.5	26.5	
H1209	553750	5467000	35	28	23	-0.008	-0.008			9	9	
H1210	553520	5466940	26	25	19	-0.008	-0.008			5.5	5.5	
H1212	553800	5467220	10	11	22	-0.008	-0.008		-0.008	2.6	2.6	
H1213	553550	5467180	18	54	18	-0.008	-0.008			11.5	11.5	
H1214	553800	5468000	10	26	8	-0.008	-0.008			1.1	1.1	
H1215	553640	5467800	10	11	9	-0.008	-0.008	-0.008		1.9	1.9	
H1216	553460	5467600	17	25	17	-0.008	-0.008			14.7	14.7	
H1217	552300	5465580	32	46	55	-0.008	-0.008			34.7	34.7	
H1218	552500	5465420	44	52	45	-0.008	-0.008			10.7	10.7	
H1219	552520	5465980	46	49	42	-0.008	-0.008		-0.008	26.2	26.2	
H1220	552720	5465820	47	35	62	-0.008	-0.008			11.3	11.3	
H1259	553780	5465720	13	11	14	-0.008	-0.008			27	27	
H1260	553780	5465700	15	7	12	-0.008	-0.008			28	28	
H1261	553600	5465860	17	18	21	-0.008	-0.008			11	11	
H1262	553500	5465650	15	9	38	-0.008	-0.008			3.5	3.5	
UNITS			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETEC LIMITS			2	3	2		0.008	0.008	0.008		0.5	1

Any negative value indicates sample analysis below detection limits.

APPENDIX 2:

ANALYTICAL DATA FOR SOIL SAMPLES - REFER TO PLANS 4, 7

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

APPENDIX 2 **EL24/94** 713029

Analytical Data for Soil Samples- refer to PLANS 4 & 7

PART 1: LYNDHURST

samp-id	Cu	Pb	Zn	Au	As-av	As05	As50
H1442	5	9	8	1.11	7	7	
H1443	10	11	20	2.69	1	1	
H1444	7	14	13	9.06	2	2	
H1445	5	9	8	6.82	2	2	
H1446	4	5	7	28.16	4	4	
H1447	6	28	10	145	26	26	
H1448	6	7	14	4.33	5	5	
H1449	6	13	23	9.27	14	14	
H1450	7	15	18	10	10	10	
H1451	4	15	8	8.94	15	15	
H1452	11	216	38	325	905		905
H1453	9	149	39	164	486		486
H1454	19	815	82	1342	1141		1141
H1666	13	11	3	0.81	2	2	
H1667	8	10	-2	18.2	3	3	
H1669	10	7	-2	0.92	2	2	
H1670	7	18	8	0.48	4	4	
H1671	8	8	-2	0.43	3	3	
H1672	9	21	19	0.57	6	6	
H1673	8	9	18	3.38	2	2	
H1674	8	-3	-2	0.31	0	0	
H1675	7	13	8	2.83	2	2	
H1676	9	12	19	0.83	6	6	
H1677	11	11	20	1	11	11	
H1678	21	15	72	0.12	5	5	
H1679	7	5	13	0.19	3	3	
H1680	6	-3	2	0.05	0	0	
H1681	6	-3	3	0.1	0	0	
H1682	7	-3	5	0.07	0	0	
H1683	6	8	12	0.74	4	4	
H1684	22	20	62	3.59	4	4	
H1685	17	20	49	0.69	4	4	
H1686	8	8	8	0.15	1	1	
H1687	7	8	11	7.4	2	2	
H1688	15	23	34	1.04	3	3	
H1689	19	34	48	2.78	4	4	
H1690	43	64	86	3.33	16	16	
H1691	11	10	18	1.05	1	1	
H1692	11	11	19	1.78	4	4	
H1693	12	11	20	0.5	1	1	
H1694	9	9	11	0.15	1	1	

APPENDIX 2 **EL24/94**

Analytical Data for Soil Samples- refer to PLANS 4 & 7

PART 1: LYNDHURST

samp-id	Cu	Pb	Zn	Au	As-av	As05	As50
H1695	15	12	22	0.41	4	4	
H1696	11	11	26	0.3	2	2	
H1696A	10	12	25	0.28	1	1	
H1697	15	32	51	4.26	6	6	
H1698	11	8	26	1.67	2	2	
H1699	12	20	19	20.3	18	18	
H1700	9	39	20	93.6	182		182
H1701	30	82	138	94.2	398		398
H1702	10	17	56	7.02	24	24	
H1703	22	38	81	11.5	21	21	
H1704	7	14	16	1.48	2	2	
H1705	8	13	6	0.62	1	1	
H1706	7	13	10	2.83	1	1	
H1707	14	19	13	15.1	4	4	
H1708	7	5	7	8.17	3	3	
H1709	7	9	5	1.22	2	2	
H1711	6	-3	2	0.19	2	2	
H1728	7	19	27	8.85	12	12	
H1729	17	50	58	21.7	28	28	
H1730	8	18	19	2.14	2.9	2.9	
H1731	8	9	11	0.41	1.6	1.6	
H1732	18	34	73	6.29	19	19	
H1733	7	7	15	0.85	1.5	1.5	
H1733A	8	8	13	0.36	3.2	3.2	
H1734	5	5	9	25.6	5	5	
H1735	7	16	19	10	5.4	5.4	
H1736	8	10	17	1.21	2.9	2.9	
H1737	8	15	25	1.93	4.7	4.7	
H1738	11	11	15	1.1	7.4	7.4	
H1739	9	21	23	6.75	4.6	4.6	
H1740	25	11	144	14.4	32	32	
H1741	7	7	19	4.9	22	22	
H1742	15	31	84	4.32	20	20	
H1743	4	8	10	3.56	2.5	2.5	
H1744	7	3	6	2.97	1	1	
H1745	5	8	12	0.65	1.9	1.9	
H1746	9	12	14	2.63	4.4	4.4	
H1747	5	10	7	0.43	1.6	1.6	
H1748	5	7	5	2.29	1	1	
H1749	4	9	10	0.31	2.1	2.1	
H1750	6	8	8	0.14	2.3	2.3	

APPENDIX 2 **EL24/94**

Analytical Data for Soil Samples- refer to PLANS 4 & 7

PART 1: LYNDHURST

samp-id	Cu	Pb	Zn	Au	As-av	As05	As50
H1751	4	16	18	0.36	2.4	2.4	
H1752	4	10	6	0.17	0.9	0.9	
H1753	15	23	55	0.1	20	20	
H1754	5	6	8	1.38	1.5	1.5	
H1755	4	5	8	0.95	1.1	1.1	
H1756	4	5	8	0.11	1.1	1.1	
H1757	5	8	18	2.64	2.9	2.9	
H1813	8	37	65	19.3	15	15	
H1814	7	29	47	1.86	3	3	
H1815	8	34	61	0.83	3	3	
H1816	7	22	41	0.43	1	1	
H1817	11	23	59	1.92	2	2	
H1818	4	9	23	1.29	1	1	
H1819	3	3	17	2.22	2	2	
H1820	12	25	41	17.9	6	6	
H1821	9	19	53	2.86	3	3	
H1822	13	30	54	1.16	9	9	
H1823	4	12	28	0.9	1	1	
H1824	7	34	55	2.64	19	19	
H1825	4	14	33	0.83	1	1	
H1826	2	10	15	9.44	1	1	
H1827	2	10	14	2.14	2	2	
H1828	3	3	15	2.9	1	1	
H1829	2	10	13	12.5	2	2	
H1830	4	16	17	7.74	1	1	
H1831	4	12	15	10.4	1	1	
H1832	4	14	16	3.53	13	13	
H1833	4	6	14	2.18	1	1	
H1834	3	12	20	1.93	0	0	
H1835	2	6	19	13.6	1	1	
H1836	2	10	11	3.46	1	1	
H1837	4	15	13	6.63	2	2	
H1838	9	22	28	13.3	15	15	
H1839	3	14	18	8.73	3	3	
H1840	3	10	12	0.86	1	1	
H1841	5	16	27	3.03	2	2	
H1842	2	8	7	4.27	1	1	
H1843	2	7	12	1.42	0	0	
H1844	2	17	13	2.97	0	0	
H1845	3	19	14	3.99	1	1	
H1846	2	16	14	6.22	4	4	

APPENDIX 2 **EL24/94**

Analytical Data for Soil Samples- refer to PLANS 4 & 7

PART 1: LYNDHURST

samp-id	Cu	Pb	Zn	Au	As-av	As05	As50
H1847	6	29	27	2.87	27	27	
H1848	7	19	22	0.94	2	2	
H1849	11	24	39	3.83	7	7	
H1850	2	9	8	0.68	0	0	
H1851	4	16	8	9.14	0	0	
H1852	8	19	8	38.9	3	3	
H1853	3	17	10	18.6	21	21	
H1857	13	27	36	2.96	3	3	
H1859	5	16	30	14.8	9	9	
H1860	4	16	18	36.8	3	3	
H1861	6	16	14	1.17	28	28	
H1862	8	19	20	1.16	13	13	
H1863	12	28	47	2.66	5	5	
H1864	12	42	29	4.41	17	17	
H1865	27	43	68	12.8	36	36	
H1866	8	23	58	1.98	13	13	
H1867	10	31	64	3.93	8	8	
H1868	6	25	59	0.8	11	11	
H1869	8	28	56	1.73	3	3	
H1870	5	23	29	0.97	3	3	
H1871	14	96	57	44.4	3	3	
H1872	4	43	22	17.8	60		60
H1873	15	42	41	0.74	13	13	
H1908	6	6	20	0.87	2	2	
H1909	6	13	19	0.26	0	0	
H1910	6	6	14	-0.05	1	1	
H1911	6	14	15	2.45	1	1	
H1912	32	130	147	161	505		505
H1913	23	46	130	37	55		55
H1914	9	12	39	4.79	8	8	
H1915	21	55	102	30.7	66		66
H1916	30	79	174	68.9	112		112
H1917	11	31	59	28.9	43	43	
H1918	18	35	78	14	30	30	
H1923	-2	25	26	20.7	226		226
H1924	7	193	58	272	1054		1054
H1925	6	127	120	171	326		326
H1926	9	27	60	5.67	11	11	
H1927	7	30	77	4.68	13	13	
H1928	9	30	52	24.8	28	28	
H1929	22	29	77	6.8	12	12	

APPENDIX 2 **EL24/94**

Analytical Data for Soil Samples- refer to PLANS 4 & 7

PART 1: LYNDHURST

samp-id	Cu	Pb	Zn	Au	As-av	As05	As50
H1930	21	29	61	4.11	28	28	
H1931	5	13	39	22.3	89		89
H1932	15	21	55	6.31	14	14	
H1933	13	34	59	27.8	100		100
H1934	18	35	84	6.34	29	29	
H1935	10	16	39	6.6	9.2	9.2	
H1936	10	7	13	15.74	13	13	
UNITS	ppm	ppm	ppm	ppb	ppm	ppm	ppm
DETECT. LIMITS	2	3	2	0.005		0.5	50

Any negative value indicates sample analysis below detection limits.

samp-id	Cu	Pb	Zn	Auppm1	Auppm2	Auppm3	Auppb	As05	As50
H1436	7	4	3	-0.008				1.6	
H1437	10	6	5	0.008				1.5	
H1438	7	5	5	0.008				1.2	
H1439	30	24	50	0.013				9.4	
H1440	9	13	8	0.009				1.7	
H1441									
H1455	14	19	9	0.016		0.018		5.7	

APPENDIX 2 EL24/94

Analytical Data for Soil Samples- refer to PLANS 4 & 7

PART 2: SOUTHERN CROSS

samp-id	Cu	Pb	Zn	Au	As-av	As05	As50
H636	4	-3	16	12.65	1.4	1.4	
H637	4	3	16	34.94	1.1	1.1	
H638	3	5	16	0.78	2.2	2.2	
H639	3	5	17	0.28	3.1	3.1	
H640	3	5	16	-0.05	6.4	6.4	
H641	4	6	18	46.68	2.1	2.1	
H642	5	10	18	3.06	8.2	8.2	
H643	4	5	19	0.9	11.2	11.2	
H644	3	6	19	-0.05	7.1	7.1	
H645	3	8	21	0.37	2.8	2.8	
H646	4	3	22	0.8	0.9	0.9	
H647	5	6	28	0.97	20.5	20.5	
H648	3	3	16	0.42	2.7	2.7	
H649	4	6	16	1.29	15.8	15.8	
H650	7	10	32	1.99	39.9	39.9	
H651	3	5	24	0.43	17.6	17.6	
H652	3	4	16	0.39	3.7	3.7	
H653	3	-3	15	4.66	1.1	1.1	
H1272	14	23	26	24.48	10	10	
H1273	34	53	62	2.48	19	19	
H1274	26	49	37	2.48	27	27	
H1275	26	57	31	3.17	50	50	
H1276	34	57	29	7.83	38	38	
H1277	11	13	17	1.19	5.9	5.9	
H1278	10	14	34	1.54	3.4	3.4	
H1279	10	10	18	1.92	4.9	4.9	
H1280	9	7	11	22.94	1.6	1.6	
H1281	17	90	53	431.9	46	46	
H1282	14	47	60	21.06	14	14	
H1283	11	10	31	44.78	7.4	7.4	
H1284	9	11	14	0.6	2.1	2.1	
H1285	9	7	20	0.24	8	8	
H1286	8	9	13	0.63	6.9	6.9	
H1287	8	11	17	0.21	14	14	
H1288	8	7	25	0.4	3.9	3.9	
H1289	9	10	25	0.68	5.3	5.3	
H1289	4	-3	7	0.6	36	36	
H1290	4	6	6	4.46	12	12	
H1291	4	6	10	0.53	2.6	2.6	
H1292	3	9	6	0.31	6.9	6.9	

APPENDIX 2 EL24/94

Analytical Data for Soil Samples- refer to PLANS 4 & 7

PART 2: SOUTHERN CROSS

samp-id	Cu	Pb	Zn	Au	As-av	As05	As50
H1293	3	4	7	1.83	5.7	5.7	
H1294	3	5	5	0.21	4.9	4.9	
H1295	11	13	20	0.53	12	12	
H1296	17	35	37	4.33	43	43	
H1297	9	9	16	105	3.1	3.1	
H1298	8	7	14	26.2	1.8	1.8	
H1299	8	6	12	472	1.6	1.6	
H1300	16	29	42	15.09	36	36	
H1301	15	25	35	2.5	28	28	
H1302	16	44	44	12.6	89		89
H1303	25	52	24	7.09	51		51
H1304	11	22	15	2.95	38	38	
H1305	6	10	9	0.59	0.6	0.6	
H1306	6	-3	4	0.54	-0.5	-0.5	
H1307	25	76	20	8.44	161		161
H1308	5	-3	7	2.61	9.6	9.6	
H1309	5	8	12	0.36	1.6	1.6	
H1310	17	39	23	2.83	21	21	
H1311	6	5	6	18.37	-0.5	-0.5	
H1312	26	96	29	996.63	160		160
H1313	6	13	6	270.2	9.2	9.2	
H1314	4	-3	4	7.69	-0.5	-0.5	
H1315	23	36	23	83.2	40	40	
H1316	8	21	22	0.87	3.2	3.2	
H1317	8	20	9	5.21	138		138
H1318	8	12	9	2.07	20	20	
H1319	17	53	40	14.95	59		59
H1320	30	-3	6	7.94	7.6	7.6	
H1321	6	-3	5	2.3	-0.5	-0.5	
H1322	7	-3	13	0.39	12	12	
H1323	4	-3	6	-0.05	-0.5	-0.5	
H1324	6	-3	8	1.8	0.8	0.8	
H1325	5	3	12	0.12	1.9	1.9	
H1326	7	-3	10	1.55	3	3	
H1327	7	5	14	1.72	4	4	
H1328	5	-3	4	-0.05	-0.5	-0.5	
H1329	8	-3	7	0.65	7.8	7.8	
H1330	4	-3	-2	-0.05	1.5	1.5	
H1331	3	-3	-2	-0.05	0.8	0.8	
H1332	4	-3	2	0.21	2.3	2.3	

APPENDIX 2 EL24/94

Analytical Data for Soil Samples- refer to PLANS 4 & 7

PART 2: SOUTHERN CROSS

samp-id	Cu	Pb	Zn	Au	As-av	As05	As50
H1333	4	5	2	-0.05	0.8	0.8	
H1334	5	-3	3	-0.05	-0.5	-0.5	
H1335	4	-3	2	-0.05	-0.5	-0.5	
H1336	3	3	-2	-0.05	-0.5	-0.5	
H1337	5	-3	5	1.34	-0.5	-0.5	
H1338	5	3	9	0.28	-0.5	-0.5	
H1339	6	-3	7	0.22	-0.5	-0.5	
H1340	5	-3	6	-0.05	-0.5	-0.5	
H1341	4	3	4	-0.05	-0.5	-0.5	
H1342	5	-3	12	0.62	42	42	
H1343	5	4	4	0.7	31	31	
H1344	9	11	23	0.58	17	17	
H1345	8	6	23	0.34	8.6	8.6	
H1346	7	4	17	0.44	6.4	6.4	
H1347	7	10	7	1.93	-0.5	-0.5	
H1348	5	5	8	-0.05	-0.5	-0.5	
H1349	5	-3	5	-0.05	-0.5	-0.5	
H1350	6	3	9	1.45	3.7	3.7	
H1351	7	-3	8	2.22	2.4	2.4	
H1352	6	5	6	0.68	1.1	1.1	
H1353	6	3	8	11.41	-0.5	-0.5	
H1354	5	5	5	0.22	5.3	5.3	
H1355	6	3	7	3.43	4.8	4.8	
H1356	6	8	11	0.58	21	21	
H1357	6	9	9	0.27	2.6	2.6	
H1358	7	5	11	-0.05	1.9	1.9	
H1359	6	-3	7	1.3	-0.5	-0.5	
H1360	6	-3	6	-0.05	-0.5	-0.5	
H1361	23	7	6	-0.05	-0.5	-0.5	
H1362	25	-3	8	3.09	-0.5	-0.5	
UNITS	**ppm**	**ppm**	**ppm**	**ppb**	**ppm**	**ppm**	**ppm**
DETECT LIMITS	**2**	**3**	**2**	**0.005**		**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 24/94

Sample ID	Easting	Northing	Description
H148	551000 (Alliance	5468775 prospect)	Quartz, pale grey, massive, dark bands with pyrite.
H149	"	"	Quartz, pale, massive, vughs, abundant pyrite.
H150	"	"	Quartz, pale, massive and granular, banded, abundant arsenopyrite.
H151	552150 (Southe	5465725 rn Cross)	Quartz, pale, massive and granular, dark laminae with pyrite.
H165	550625	5468650	Quartz, pale, dark laminae, limonite, ? gossan.
H167	551450 (Pioneer	5469000 prospect)	Coarse sand, probable tailings from battery.
H168	"	"	Coarse sand, probable tailings from battery.
H169	"	"	Sandstone, vughy, coxcomb quartz veins.
H170	551500 (Pioneer	5468975 prospect)	Quartz, pale, massive, granular to cellular limonite.
H171	"	"	Quartz, pale, granular, fragmental, laminae with slicks.
H172	551700 (Martial Ca	5469025 ll prospect)	Quartz, pale, finely granular to cellular limonite seams.
H173	"	"	Quartz, pale.
H174	550450	5468125	Sandstone, white massive quartz veins with vughs.
H175	549975	5469025	Clayey gravel on bedrock (? Quaternary).
H176	550625	5468650	Quartz, pale, massive, thin limonite at margins.
H177	550350	5467450	Sandy matrix of gravel on bedrock (? Tertiary).
H178	"	"	Quartz and breccia, no limonite.
H179	551950	5467500	Sandstone, thin quartz veins with ? gossan patches.
H180	552200 (Souther	5465750 n Cross)	Quartz, pale to dark grey, granular, laminated.
H181	552200 (Souther	5465700 n Cross)	Quartz, pale, massive and granular, laminated, limonite.
H187	552100	5455675	Quartz, pale, minor limonite.
H188	551925	5469300	Quartz, pale, granular, limonite on fractures.
H189	551775	5469500	Quartz, pale, granular, minor limonite.
H190	552250	5467075	Quartz, pale and dark grey, massive, limonite seams.
H191	553250	5466800	Quartz, pale, granular, negligible limonite.
H192	552500	5468300	Quartz, pale, granular, laminated, limonite fractures.
H193	"	"	Quartz, multiple generations, pale and grey.
H920	570600	5470650	Greisen, muscovite – quartz – ? chlorite.
H928	573075	5468675	Quartz, dark grey, minor limonite.
H929	573075	5468475	Quartz, dark grey, minor limonite.

Sample ID	Easting	Northing	Description
H931	573375	5470975	Granite, fine grained, biotite.
H941	551500 (Pioneer	5468975 prospect)	Quartz, dark grey, granular, laminated, limonite, ? arsenopyrite.
H944	551425	5469150	Quartz, pale, fibrous, limonite after silicate.
H945	550775 (Railway	5468425 prospect)	Quartz, 7cm thick, pale, massive, laminated, ? galena, arsenopyrite.
H946	550500 (New M	5468000 onarch)	Quartz, pale, massive, strong lamination.
H947	551150 (Hope p	5468650 rospect)	Quartz, pale massive to dark grey granular, pyrite.

APPENDIX 4:

ANALYTICAL DATA FOR ROCK CHIP SAMPLES

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

APPENDIX 4 EL24/94 713041

Analytical Data for Rock Chips

Samp id	Cu	Pb	Zn	Au-av	Auppm1	Auppm2	Auppm3	As-av	As05	As50	As%
H148	32	101	25	0.018	0.018			49.1	49.1		
H149	179	51	19	0.486	0.486			56		56	
H150	10	596	58	1.91	1.91			174000			17.4
H151	33	3	37	8.18	8.18			154		154	
H165	6	58	15	-0.008	-0.008			51		51	
H167	5	59	21	0.1075	0.11	0.105		282		282	
H168	4	49	18	0.151	0.151			213		213	
H169	10	21	40	0.01	0.01			50		50	
H170	13	3	21	-0.008	-0.008			81		81	
H171	7	139	7	0.079	0.079			385		385	
H172	13	4	21	0.008	0.008			27.1	27.1		
H173	6	6	9	0.014	0.014			12.7	12.7		
H174	10	17	46	-0.008	-0.008			6.7	6.7		
H175	9	11	23	-0.008	-0.008			11.7	11.7		
H176	10	11	42	-0.008	-0.008		-0.008	7.6	7.6		
H177	3	12	19	0.012	0.012			7.4	7.4		
H178	4	3	8	-0.008	-0.008			4.4	4.4		
H179	15	12	52	0.013	0.013			61		61	
H180	23	18	46	6.08	6.08			150		150	
H181	6	41	11	8.79	8.79			44.1	44.1		
H187	5	6	7	0.012	0.012			26.1	26.1		
H188	4	-3	10	0.01	0.01			32.5	32.5		
H189	5	5	8	0.024	0.024			16.7	16.7		
H190	7	3	13	0.008	0.008		-0.008	11.6	11.6		
H191	4	4	9	-0.008	-0.008			8.9	8.9		
H192	12	-3	22	-0.008	-0.008			48	48		
H193	5	11	26	-0.008	-0.008			115		115	
H920	5	16	5	-0.008	-0.008			7.8	7.8		
H928	9	7	4	-0.008	-0.008			1.8	1.8		
H929	5	3	18	-0.008	-0.008			2.8	2.8		
H931	4	5	12	-0.008	-0.008			6.7	6.7		
H941	150	40	32	0.112	0.112			3407		3407	
H944	5	7	15	0.115	0.115			9.1	9.1		
H945	47	4104	1430	15.2	13.7		16.7	402		402	
H946	24	32	13	0.026	0.026			2132		2132	
H947	16	11	11	-0.008	-0.008	-0.008		9	9		
H948	9	24	44	0.012	0.012			8	8		
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:

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	W
		Void, cavity, stope	H

SCOTTSDALE PROJECT
PERCUSSION DRILL LOG CODES

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

SCOTTSDALE PROJECT
PERCUSSION DRILL LOG CODES

COLUMN NUMBERS	DESCRIPTION	CODES	
24	Weathering/ oxidation	Extremely – soft clay	0
		Highly – harder clay	1
		Moderately – semi–competent	2
		Weakly – hard rock with weathered veins and joints	3
		Slightly – oxidation on fractures	4
		Fresh – no oxidation	5

ALTERATION MINERALOGY

25–28	Quartz vein type	Quartz 1 – massive milky, bucky
		Quartz 2 – massive milky with sulphide or gossan
		Quartz 3 – grey laminated
		Quartz 4 – brecciated

SCOTTSDALE PROJECT
PERCUSSION DRILL LOG CODES

713046

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

SCOTTSDALE PROJECT
PERCUSSION DRILL LOG CODES

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

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	PIONEER	DRILL HOLE NO.	LYH 1 R
COLLAR CO-ORDINATES	551456.8mE 5468948.9mN	RL	29.0	GRID NAME	
		HOLDER	HERALD	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	LYNDHURST
TENEMENT	EL 24/94			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	120° T ~~(Mag.)~~ (Grid)				
		OBJECTIVES/RESULTS/COMMENTS: Test quartz vein lodes and 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	UDR650				
COMMENCED	9.10.95				
COMPLETED	9.10.95				
LOGGED BY	N.J. Turner				
LOGGING DATE	22.1.96				

[redacted] RESOURCES LTD

SCOTTSDALE PROJECT

DEPOSIT NAME PIONEER HOLE No. LYH1R

CODED BY NJT DATE 22·1·96

INTERVAL			LITHOLOGY							MINERALOGY																						ASSAYS						REMARKS
										ALTERATION/VEIN																	VIS. GOLD											
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16	17 18	19 20	21 22	23 24			25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43																	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
10·	11·	·	O		RLG				O	J																						40520	1·		3K	1		
11·	12·	·	1		LS	LF			O	J																						40513	1·	2·	·04	1		
12·	13·	·	1		LS	LG	MC	2	1	E																						40514	2·	3·	·02	1		
13·	14·	·	1		LS	EG	MC	2	3	G																						40515	3·	4·	·05	1		
14·	15·	·	1		LS	EG	MK	2	3	J																						40516	4·	5·	·01	1		
15·	16·	·	1		LS	EG	MK	2	4	T																						40517	5·	6·	·02	1		
16·	17·	·	1		LS	G	MC	2	4																							40518	6·	7·	·04	1	12·	
17·	18·	·	1		LS	G	MC	2	4																							40519	7·	8·	·01	1		
18·	19·	·	1		LS	G	MC	2	4																							40606	8·	9·	·01	2	12·	
19·	10·	·	1		LS	G	MK	1	5																							40611	9·	10·	·	1		
10·	11·	·	1		LS	G	MC	2	5	T																						40612	10·	1·	·	1		
11·	12·	·	1		LS	G	MC	2	5																							40613	1·	2·	·01	1		
12·	13·	·	1		LS	UG	MC	2	4	✓																						40614	2·	3·	·	1		
13·	14·	·	1		LS	UG	MC	1	4	T																						40615	3·	4·	·	1		
14·	15·	·	1		LS	UG	MC	1	4	T																						40616	4·	5·	·01	1	12·	
15·	16·	·	1		LS	UG	MC	1	4		✓																					40617	5·	6·	·02	1	12·	
16·	17·	·	1		LS	G	MC	1	5	✓																						40618	6·	7·	·05	1	12·	
17·	18·	·	1		LS	UG	MC	2	4	I																						40619	7·	8·	·05	1	12·	
18·	19·	·	1		LS	UG	MK	2	4																							40720	8·	9·	·03	1	11·	
19·	20·	·	1		LS	UG	MC	2	4																							40721	9·	10·	·02	1	12·	
20·	21·	·	1		LS	G	MC	2	5																							40722	10·	1·	·	1	11·	
21·	22·	·	1		LS	G	MC	2	5																							40723	1·	2·	·	1	11·	
22·	23·	·	1		LS	G	MC	2	5																							40724	2·	3·	·	1	11·	
23·	24·	·	1		LS	G	MC	2	5																							40725	3·	4·	·	1	11·	

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SCOTTSDALE PROJECT

DEPOSIT NAME PIONEER HOLE No. LYH 1 R

CODED BY NST DATE 22·1·96

INTERVAL			LITHOLOGY						MINERALOGY																								ASSAYS						REMARKS
									ALTERATION/VEIN																	VIS. GOLD													
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE				TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16	17 18	19 20 21 22	23	24	25 26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
124	125	·	1	LS	UGMC	1	4		✓			T																			4076	4·	5·	<0·01	1	2·	
125	126	·	1	LS	GMC	2	5					T																			4077	5·	6·	<0·01	1	2·	
126	127	·	1	LS	GMC	1	5	✓																							4078	6·	7·	·01	1	2·	
127	128	·	1	LS	GMC	1	5				R																				4079	7·	8·	<0·01	1	2·	
128	129	·	1	LS	GMC	1	5				C																				4080	8·	9·	<0·01	1	2·	
129	130	·	1	LS	GMC	1	5																								4081	9·	0·	<0·01	1	2·	
130	131	·	1	LS	GMC	1	5																								4082	0·	1·	<0·01	1	2·	
131	132	·	1	LS	GMC	1	5																								4083	1·	2·	<0·01	1	2·	
132	133	·	1	LS	GMC	1	5																								4512	32	33	<0·01	2	<1·	
133	134	·	1	LS	GMC	1	5																									·	·	·		·	
134	135	·	1	LS	UGMC	1	4																									·	·	·		·	
135	136	·	1	LS	GMC	1	5																									·	·	·		·	
136	137	·	1	LS	GMC	2	5																								4513	36	40	<0·01	2	<1·	
137	138	·	1	LS	GMC	2	5																									·	·	·		·	
138	139	·	1	LS	UGMC	2	4																									·	·	·		·	
139	140	·	1	LS	UGMC	2	4																									·	·	·		·	
140	141	·	1	LS	EGMC	2	4																								4514	44	44	<0·01	1	<1·	
141	142	·	1	LS	GMC	2	5																									·	·	·		·	
142	143	·	1	LS	GMC	2	5																									·	·	·		·	
143	144	·	1	LS	EGMC	2	4																									·	·	·		·	
144	145	·	1	LS	GMC	2	5																								4515	48	48	<0·01	1	<1·	
145	146	·	1	LS	GMC	2	5																									·	·	·		·	
146	147	·	1	LS	UGMC	2	4																									·	·	·		·	
142	143	·	1	LS	UGMC	2	4																									·	·	·		·	

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SCOTTSDALE PROJECT

DEPOSIT NAME PIONEER HOLE No. PVH 18

CODED BY NJT DATE 22.1.96

INTERVAL			LITHOLOGY							MINERALOGY																								ASSAYS						REMARKS
										ALTERATION/VEIN																	VIS. GOLD													
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE			TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16	17 18	19 20	21 22	23	24	25 26	27 28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
46	49	. 1	1	S	UK	M	C	2	4																					4S1164	48	52	<0.1	1	<1	
47	50	. 1	1	S	UK	M	C	2	4																													
50	51	. 1	1	S	UK	M	C	2	4																													
51	52	. 1	1	S	UK	M	C	2	4																													
52	53	. 1	1	S	UK	M	C	2	4																					4S1175	52	54	<0.1	1	<1	
53	54	. 1	1	S	UK	M	C	2	5																													
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HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	PIONEER	DRILL HOLE NO.	LYH 2R
COLLAR CO-ORDINATES	551483·3mE 5468982·8mN	RL	37·0	GRID NAME	
		HOLDER	HERALD	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	LYNDHURST
TENEMENT	EL24/94			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	120° 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	9·10·95				
COMPLETED	9·10·95				
LOGGED BY	N.J. Turner				
LOGGING DATE	22·1·96				

HER[illegible]D R[illegible]UR[illegible] LT

SCOTTSDALE PROJECT

DEPOSIT NAME PIONEER HOLE No. LYH 2R

CODED BY NJT DATE 22·1·96

INTERVAL			LITHOLOGY							MINERALOGY																				ASSAYS						REMARKS
										ALTERATION/VEIN															VIS. GOLD											
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	MnOX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE	TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
0·	1·	·	0			N	MC	4	O																					4106	0·	1·	·61	1	<1·	
1·	2·	·	1		S	F	MC	2	0																					4107	1·	2·	·29	1	<1·	MOST LOST
2·	3·	·	1		S	F	MC	2	0	T																				4108	2·	3·	·56	1	<1·	MOST LOST
3·	4·	·	1		S	FG	MC	2	1	E																				4109	3·	4·	·72	1	<1·	
4·	5·	·	1		S	FG	MC	2	2																					4110	4·	5·	·18	1	1·	
5·	6·	·	1		S	FG	MC	2	3	F																				4111	5·	6·	·28	2	<1·	
6·	7·	·	1		S	G	MC	2	4	J																				4112	6·	7·	·21	1	<1·	STOPE
7·	8·	·	1		S	G	MC	2	4	I																				4113	7·	8·	·		·	STOPE
8·	9·	·	1		S	G	MC	2	4	J																				4114	8·	9·	·23	1	<1·	
9·	10·	·	1		S	G	MC	2	4			F																		4115	9·	0·	·08	1	<1·	
10·	11·	·	1		S	G	MC	2	4	F																				4116	0·	1·	·07	1	<1·	
11·	12·	·	1		S	G	MC	2	5	F																				4117	1·	2·	·11	1	<1·	
12·	13·	·	1		S	G	MC	2	5	E																				4118	2·	3·	·06	2	<1·	
13·	14·	·	1		LS	G	MC	1	5		E								T											4119	3·	4·	·06	1	<1·	POSSIBLE GOLD TRACE
14·	15·	·	1		S	G	MC	2	5		E								T											4120	4·	5·	·03	1	1·	
15·	16·	·	1		S	G	MC	2	4	F																				4121	5·	6·	·04	1	<1·	
16·	17·	·	1		S	G	MC	2	5	F																				4122	6·	7·	·02	1	1·	
17·	18·	·	1		S	G	MC	2	4	D																				4123	7·	8·		1	·	
18·	19·	·	1		S	UG	MC	2	4																					4124	8·	9·	·01	1	·	
19·	20·	·	1		S	UG	MC	2	4	✓																				4125	9·	0·		1	·	
20·	21·	·	1		S	FG	MC	2	3																					4126	0·	1·	·	1	·	
21·	22·	·	1		S	G	MC	2	4																					4127	1·	2·	·	1	·	
22·	23·	·	1		S	F	MC	2	3																					4128	2·	3·	·	2	·	
23·	24·	·	1		S	F	MC	2	3																					4129	3·	4·	·	1	·	

[redacted] RESOURCES LTD

SCOTTSDALE PROJECT

DEPOSIT NAME PIONEER HOLE No. LYH2R

CODED BY NST DATE 22-1-96

INTERVAL			LITHOLOGY							MINERALOGY																						ASSAYS						REMARKS
										ALTERATION/VEIN																		VIS. GOLD										
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE				TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16	17 18	19 20	21 22	23	24	25 26	27	28	29 30	31	32 33	34	35 36	37 38	39 40	41 42	43	44 45	46 47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87						
124	125		1		IS	IF	MC	2	3																						4130	4	5	.04	1		
125	126		1		IS	IF	MC	2	3																						4131	5	6	.01	1		
126	127		1		IS	FG	MC	2	3																						4132	6	7	.	1		
127	128		1		IS	IF	MC	2	3																						4133	7	8	.01	1		
128	129		1		IS	IF	MC	2	3																						4134	8	9	.	1		
129	130		1		IS	IF	MC	2	3																						4135	9	0	.01	1		
130	131		1		IS	IF	MC	2	3																						4136	0	1	.01	2		
131	132		1		IS	IF	MC	2	3																						4137	1	2	.	1		
132	133		1		IS	IF	MC	2	3																						4138	2	3	.	1		
133	134		1		IS	IF	MC	2	3																						4139	3	4	.	1		
134	135		1		IS	IF	MC	2	3																						4140	4	5	.	1		
135	136		1		IS	IF	MC	2	3																						4141	5	6	.	1		
136	137		1		IS	IF	MC	2	3																						4142	6	7	.	1		
137	138		1		IS	IF	MC	2	3																						4143	7	8	.	2		
138	139		1		IS	IF	MC	2	3																						4144	8	9	.	1		
139	140		1		IS	IF	MC	2	3																						4145	9	0	.	1		
140	141		1		IS	IF	MC	2	3	✓																					4146	0	1	.	1		
141	142		1		IS	IF	MC	2	3	✓																					4147	1	2	.	1		
142	143		1		IS	IF	MC	2	3		✓																				4148	2	3	.	1		
143	144		1		IS	IF	MC	2	3																						4149	3	4	.	1		
144	145		1		IS	IF	MC	2	3	✓																					4150	4	5	.	1		
145	146		1		IS	IF	MC	2	3	T																					4151	5	6	.	1		
146	147		1		IS	FG	MC	2	3																						4152	6	7	.	1		
147	148		1		IS	FG	MC	2	3																						4153	7	8	.	2		

HERALD RESOURCES LTD

SCOTTSDALE PROJECT

DEPOSIT NAME PIONEER HOLE No. LYH 2 R

CODED BY NJT DATE 22·1·96

INTERVAL			LITHOLOGY						MINERALOGY																								ASSAYS						REMARKS
									ALTERATION/VEIN																		VIS. GOLD												
FROM	TO	RECOVERY	STRAT. SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE				TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40 41 42 43		44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
48·	52·	·	1		S	F	G	M	C	2	3																					4115	48·	50·	·	1	·	
49	50·	·	1		S	F	G	M	C	2	3																					4115	49·	50·	·	1	·	
50·	51·	·	1		S	F	G	M	C	2	3	B																				4116	50·	51·	·01	1	·	
51·	52·	·	1		S	F	G	M	C	2	3																					4117	51·	52·	·	1	·	
52·	53·	·	1		S	F	G	M	C	2	3																					4118	52·	53·	·01	1	·	
53·	54·	·	1		S	F	G	M	C	2	3																					4119	53·	54·	·	1	·	
·	·	·																															·	·	·		·	
·	·	·																															·	·	·		·	
·	·	·																															·	·	·		·	
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11306

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	PIONEER	DRILL HOLE NO.	LYH 3R
COLLAR CO-ORDINATES	551464.5mE 5468994.0mN	RL	32.3m	GRID NAME	
		HOLDER	HERALD	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	LYNDHURST
TENEMENT	EL 24/94			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	120°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	10.10.95					
COMPLETED	10.10.95					
LOGGED BY	N.J. Turner					
LOGGING DATE	22.1.96					

HERALD RESOURCES LTD.

SCOTTSDALE PROJECT

DEPOSIT NAME PIONEER HOLE No. LYH3R

CODED BY NJT DATE 22-1-96

INTERVAL			LITHOLOGY						MINERALOGY																											ASSAYS						REMARKS
									ALTERATION/VEIN																			VIS. GOLD														
FROM	TO	RECOVERY	STRAT SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE				TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54	55 56	57 58	59 60	61 62	63	64 65	66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
10.	11.	.	0		IR	IF	M	C	2	0																						41213	0.	4.	<0.01	1	<1.	
11.	12.	.	1		IS	IF	M	C	2	2	√																														
12.	13.	.	1		IS	IF	M	C	2	3																															
13.	14.	.	1		IS	IF	G	M	C	2	3																														
14.	15.	.	1		IS	IF	G	M	C	2	3																						41512	44.	8.	<0.01	1	<1.	
15.	16.	.	1		IS	IF	G	M	C	2	3																														
16.	17.	.	1		IS	IE	G	M	C	2	3																														
17.	18.	.	1		IS	IE	G	M	C	2	4																														
18.	19.	.	1		IS	IE	G	M	C	2	4	T																					41512	58.	10.	<0.01	1	<1.	
19.	110.	.	1		IS	IG	M	C	1	4																														
110.	111.	.	1		IS	IG	M	C	2	5																						41120	0.	1.	<0.01	1	<1.	
111.	112.	.	1		IS	IG	M	C	2	5																						41171	1.	2.	0.01	1	<1.	
112.	113.	.	1		IS	IG	M	C	2	5																						41172	2.	3.	0.01	1	<1.	
113.	114.	.	1		IS	IE	G	M	C	2	4																						41173	3.	4.	<0.01	1	<1.	
114.	115.	.	1		IS	IG	M	C	2	5																						41174	4.	5.	<0.01	2	1.	
115.	116.	.	1		IS	IG	M	C	2	5																						41175	5.	6.	<0.01	1	<1.	
116.	117.	.	1		IS	IG	M	C	2	5																						41176	6.	7.	<0.01	1	<1.	
117.	118.	.	1		IS	IG	M	C	2	5																						41177	7.	8.	<0.01	1	<1.	
118.	119.	.	1		IS	IG	M	C	2	4	√																					41178	8.	9.	0.01	2	1.	
119.	120.	.	1		LS	IG	M	C	1	5	T																					41179	9.	10.	0.01	1	<1.	
120.	121.	.	1		LS	IG	M	C	1	4																						41180	0.	1.	0.01	1	<1.	
121.	122.	.	1		LS	IE	G	M	C	1	4	A																				41181	1.	2.	0.05	1	1.	
122.	123.	.	1		IS	IE	G	M	C	2	3	A																				41182	2.	3.	0.01	1	<1.	
123.	124.	.	1		IS	IE	G	M	C	2	4	C																				41183	3.	4.	0.01	1	<1.	

21803

[redacted]ER[redacted] RE[redacted]UR[redacted]LT[redacted]

SCOTTSDALE PROJECT

DEPOSIT NAME PIONEER HOLE No. LY113R

CODED BY NST DATE 22·1·96

INTERVAL			LITHOLOGY						MINERALOGY																										ASSAYS						REMARKS
									ALTERATION/VEIN																			VIS. GOLD													
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE				TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
124·	125·	·	1		1S	KG	M C	2	5	✓																							4184	4·	5·	·01	1	<1	
125·	126·	·	1		4S	KG	M C	1	5	C																							4185	5·	6·	<·01	1	<1	
126·	127·	·	1		4S	KG	M C	1	4	D																							4186	6·	7·	·01	1	1	
127·	128·	·	1		4S	FG	M C	1	3	H																							4187	7·	8·	·01	1	<1	
128·	129·	·	1		1S	FG	M C	2	3	C																							4188	8·	9·	·01	1	<1	
129·	130·	·	1		4S	FG	M C	1	4	B																							4189	9·	0·	·01	1	<1	
130·	131·	·	1		1S	FG	M C	2	3	C																							4190	0·	1·	·01	1	1	
131·	132·	·	1		1S	FG	M C	2	3	✓																							4191	1·	2·	·01	1	<1	
132·	133·	·	1		1S	FG	M C	2	3																								4192	2·	3·	<·01	1	1	
133·	134·	·	1		1S	FG	M C	2	3	A																							4193	3·	4·	<·01	1	<1	
134·	135·	·	1		1S	FG	M C	2	3	T																							4194	4·	5·	·01	1	1	
135·	136·	·	1		1S	FG	M C	2	3	T																							4195	5·	6·	·01	1	1	
136·	137·	·	1		1S	FG	M C	2	3																								4196	6·	7·	<·01	1	<1	
137·	138·	·	1		1S	FG	M C	2	3																								4197	7·	8·	·01	1	<1	
138·	139·	·	1		1S	FG	M C	2	3																								4198	8·	9·	<·01	2	<1	
139·	140·	·	1		1S	FG	M C	2	3																								4199	9·	0·	<·01	1	<1	
140·	141·	·	1		1S	FG	M C	2	3																								4512	640	644	<·01	1	<1	
141·	142·	·	1		1S	FG	M C	2	3																									·	·			·	
142·	143·	·	1		1S	FG	M C	2	3																									·	·			·	
143·	144·	·	1		1S	FG	M C	2	3	✓																								·	·			·	
144·	145·	·	1		1S	FG	M C	2	3	✓																							4517	644	648	<·01	1	<1	
145·	146·	·	1		1S	FG	M C	2	3	B																								·	·			·	
146·	147·	·	1		1S	FG	M C	2	4																									·	·			·	
147·	148·	·	1		1S	FG	M C	2	4																									·	·			·	

21303B

[redacted] RESOURCES LTD.

SCOTTSDALE PROJECT

DEPOSIT NAME PIONEER HOLE No. LY13R

CODED BY NST DATE 22·1·96

INTERVAL			LITHOLOGY							MINERALOGY																								ASSAYS						REMARKS
										ALTERATION/VEIN																		VIS. GOLD												
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE				TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16	17 18	19 20 21	22	23	24	25 26 27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
148	149	·	1		IS	FG	DC	2	3																						[redacted]	52	54	<0.01	1	<1·	
149·	150·	·	1		IS	FG	MC	2	3																													
150·	151·	·	1		IS	FG	MC	2	3																													
151·	152·	·	1		IS	FM	K	2	3																													
152·	153·	·	1		IS	FG	MC	2	3																						[redacted]	52	54	<0.01	1	<1·	
153·	154·	·	1		IS	FG	MC	2	4																													

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	PIONEER	DRILL HOLE NO.	LYH4R
COLLAR CO-ORDINATES	551511.4mE 5469034.6mN	RL	36.8m	GRID NAME	
		HOLDER	HERALD	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	LYNDHURST
TENEMENT	EL 24/94			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	120°T ~~(Mag.)~~ (Grid)				
		OBJECTIVES/RESULTS/COMMENTS: Test quartz vein lodes & country rock			
COLLAR INCLINATION	50°			DOWN-HOLE SURVEY RESULTS (Mag//Grid)	
TOTAL LENGTHS	58m	DRILLING TYPE	FROM	TO	HOLE/CORE DIAM
DRILLING CONTRACTOR	Diamond Drilling Tas P/L	RC	0	58	4 inch
RIG TYPE	UDR650				
COMMENCED	10.10.95				
COMPLETED	10.10.95				
LOGGED BY	N.J. Turner				
LOGGING DATE	22.1.96				

21306

[redacted] RESOURCES LTD

SCOTTSDALE PROJECT

DEPOSIT NAME PIONEER HOLE No. LYH4R

CODED BY NJT DATE 22-1-96

INTERVAL			LITHOLOGY							MINERALOGY																								ASSAYS						REMARKS
										ALTERATION/VEIN																	VIS. GOLD													
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE			TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
10.	11.	.	0		IR	IF		4	0																														
11.	12.	.	1		IS	IN	M	C	2	0																														
12.	13.	.	1		IS	IF	M	C	2	0																														
13.	14.	.	1		LS	IF	M	C	1	0																														
14.	15.	.	1		LS	IF	M	C	1	0																														
15.	16.	.	1		LS	IF	M	C	1	1																														
16.	17.	.	1		IS	IF	M	C	2	2																														
17.	18.	.	1		LS	IF	G	M	C	1	3																														
18.	19.	.	1		LS	IF	G	M	C	1	3																								4 1 2 1 2 8	19.	.				
19.	110.	.	1		LS	IF	G	M	C	1	4																								4 1 2 1 3 9	110.	0	0 5	2		
110.	111.	.	1		LS	IF	G	M	C	1	4																								4 1 2 1 4 0	111.	1		1		
111.	112.	.	1		LS	IF	G	M	C	1	4																								4 1 2 1 5 1	112.	2	0 1	1		
112.	113.	.	1		IQ	IW	M	C		4	J																								4 1 2 1 6 2	113.	3	0 2	1		
113.	114.	.	1		IQ	IW	M	C		4	J																								4 1 2 1 7 3	114.	4	0 2	1		
114.	115.	.	1		IS	IG	M	C	2	4	✓																								4 1 2 1 8 4	115.	5	0 1	1		
115.	116.	.	1		LS	IG	M	C	1	3	D																								4 1 2 1 9 5	116.	6	0 1	1		
116.	117.	.	1		IS	IG	M	C	2	3	C																								4 1 3 0 6 6	117.	7	0 1	1		
117.	118.	.	1		IS	IG	M	C	2	3	A																								4 1 3 1 7 7	118.	8	0 2	1		
118.	119.	.	1		IS	IG	M	C	2	3	B																								4 1 3 2 8 8	119.	9	0 2	1		
119.	120.	.	1		IS	IG	M	C	2	4																								4 1 3 3 9 9	120.	10.	0 1	1		
120.	121.	.	1		IS	IF	G	M	C	2	4																								4 1 3 4 0 10	121.	11.	0 2	1		
121.	122.	.	1		IS	IG	M	C	2	4	T																								4 1 3 5 1 11	122.	12.	0 1	1		
122.	123.	.	1		IS	IF	M	C	2	3																								4 1 3 6 2 12	123.	13.	0 1	1		
123.	124.	.	1		IS	IF	M	C	2	3																								4 1 3 7 3 13	124.	14.	0 1	1		
																																		4 1 3 8 4 14	125.	15.	0 1	1		
																																		4 1 3 9 5 15	126.	16.	0 1	1		
																																		4 1 4 0 6 16	127.	17.	0 1	1		
																																		4 1 4 1 7 17	128.	18.	0 1	1		
																																		4 1 4 2 8 18	129.	19.	0 1	1		
																																		4 1 4 3 9 19	130.	20.	0 1	1		
																																		4 1 4 4 0 20	131.	21.	0 1	1		
																																		4 1 4 5 1 21	132.	22.	0 1	1		
																																		4 1 4 6 2 22	133.	23.	0 1	1		
																																		4 1 4 7 3 23	134.	24.	0 1	1		
																																		4 1 4 8 4 24	135.	25.	0 1	1		
																																		4 1 4 9 5 25	136.	26.	0 1	1		
																																		4 1 5 0 6 26	137.	27.	0 1	1		
																																		4 1 5 1 7 27	138.	28.	0 1	1		
																																		4 1 5 2 8 28	139.	29.	0 1	1		
																																		4 1 5 3 9 29	140.	30.	0 1	1		
																																		4 1 5 4 0 30	141.	31.	0 1	1		
																																		4 1 5 5 1 31	142.	32.	0 1	1		
																																		4 1 5 6 2 32	143.	33.	0 1	1		
																																		4 1 5 7 3 33	144.	34.	0 1	1		
																																		4 1 5 8 4 34	145.	35.	0 1	1		
																																		4 1 5 9 5 35	146.	36.	0 1	1		
																																		4 1 6 0 6 36	147.	37.	0 1	1		
																																		4 1 6 1 7 37	148.	38.	0 1	1		
																																		4 1 6 2 8 38	149.	39.	0 1	1		
																																		4 1 6 3 9 39	150.	40.	0 1	1		
																																		4 1 6 4 0 40	151.	41.	0 1	1		
																																		4 1 6 5 1 41	152.	42.	0 1	1		
																																		4 1 6 6 2 42	153.	43.	0 1	1		
																																		4 1 6 7 3 43	154.	44.	0 1	1		
																																		4 1 6 8 4 44	155.	45.	0 1	1		
																																		4 1 6 9 5 45	156.	46.	0 1	1		
																																		4 1 7 0 6 46	157.	47.	0 1	1		
																																		4 1 7 1 7 47	158.	48.	0 1	1		
																																		4 1 7 2 8 48	159.	49.	0 1	1		
																																		4 1 7 3 9 49	160.	50.	0 1	1		
																																		4 1 7 4 0 50	161.	51.	0 1	1		
																																		4 1 7 5 1 51	162.	52.	0 1	1		
																																		4 1 7 6 2 52	163.	53.	0 1	1		
																																		4 1 7 7 3 53	164.	54.	0 1	1		
																																		4 1 7 8 4 54	165.	55.	0 1	1		
																																		4 1 7 9 5 55	166.	56.	0 1	1		
																																		4 1 8 0 6 56	167.	57.	0 1	1		
																																		4 1 8 1 7 57	168.	58.	0 1	1		
																																		4 1 8 2 8 58	169.	59.	0 1	1		
																																		4 1 8 3 9 59	170.	60.	0 1	1		
																																		4 1 8 4 0 60	171.	61.	0 1	1		
																																		4 1 8 5 1 61	172.	62.	0 1	1		
																																		4 1 8 6 2 62	173.	63.	0 1	1		
																																		4 1 8 7 3 63	174.	64.	0 1	1		
																																		4 1 8 8 4 64	175.	65.	0 1	1		
																																		4 1 8 9 5 65	176.	66.	0 1	1		
																																		4 1 9 0 6 66	177.	67.	0 1	1		
																																		4 1 9 1 7 67	178.	68.	0 1	1		
																																		4 1 9 2 8 68	179.	69.	0 1	1		
																																		4 1 9 3 9 69	180.	70.	0 1	1		
																																		4 1 9 4 0 70	181.	71.	0 1	1		
																																		4 1 9 5 1 71	182.	72.	0 1	1		
																																		4 1 9 6 2 72	183.	73.	0 1	1		
																																		4 1 9 7 3 73	184.	74.	0 1	1		
																																		4 1 9 8 4 74	185.	75.	0 1	1		
																																		4 1 9 9 5 75	186.	76.	0 1	1		
																																		4 2 0 0 6 76	187.	77.	0 1	1		
																																		4 2 0 1 7 77	188.	78.	0 1	1		
																																		4 2 0 2 8 78	189.	79.	0 1	1		
																																		4 2 0 3 9 79	190.	80.	0 1	1		
																																		4 2 0 4 0 80	191.	81.	0 1	1		
																																		4 2 0 5 1 81	192.	82.	0 1	1		
																																		4 2 0 6 2 82	193.	83.	0 1	1		
																																		4 2 0 7 3 83	194.	84.	0 1	1		
																																		4 2 0 8 4 84	195.	85.	0 1	1		
																																		4 2 0 9 5 85	196.	86.	0 1	1		
																																		4 2 1 0 6 86	197.	87.	0 1	1		
																																		4 2 1 1 7 87	198.	88.	0 1	1		
																																		4 2 1 2 8 88	199.	89.	0 1	1		
																																		4 2 1 3 9 89	200.	90.	0 1	1		
																																		4 2 1 4 0 90	201.	91.	0 1	1		
																																		4 2 1 5 1 91	202.	92.	0 1	1		
																																		4 2 1 6 2 92	203.	93.	0 1	1		
																																		4 2 1 7 3 93	204.	94.	0 1	1		
																																		4 2 1 8 4 94	205.	95.	0 1	1		
																																		4 2 1 9 5 95	206.	96.	0 1	1		
																																		4 2 2 0 6 96	207.	97.	0 1	1		
																																		4 2 2 1 7 97	208.	98.	0 1	1		
																																		4 2 2 2 8 98	209.	99.	0 1	1		
																																		4 2 2 3 9 99	210.	100.	0 1	1		

71306

[redacted]ER[redacted] RE[redacted]UR[redacted]LT[redacted]

SCOTTSDALE PROJECT

DEPOSIT NAME PIONEER HOLE No. LY14R

CODED BY NJT DATE 22-1-96

INTERVAL			LITHOLOGY						MINERALOGY																							ASSAYS						REMARKS
									ALTERATION/VEIN																		VIS. GOLD												
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE				TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16		17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
12|4·	12|5·	·	1		IS	FG	M C	2	3																							4K3|3	24	28	<·01	1	K|1·	
12|5·	12|6·	·	1		IS	F	M C	2	3																								1·	·	·		·	
12|6·	12|7·	·	1		IS	FG	M C	2	3																								·	·	·		·	
12|7·	12|8·	·	1		IS	F	M C	2	3																								·	·	·		·	
12|8·	12|9·	·	1		IS	F	M C	2	3																							4K3|4	28	32	<·01	1	K|1·	
12|9·	13|0·	·	1		IS	F	M C	2	3																								·	·	·		·	
13|0·	13|1·	·	1		IS	F	M C	2	3	V																							·	·	·		·	
13|1·	13|2·	·	1		IS	F	M C	2	3																								·	·	·		·	
13|2·	13|3·	·	1		IS	F	MK	2	3																							4K3|5	32	36	<·01	1	K|1·	
13|3·	13|4·	·	1		IS	F	M C	2	3																								·	·	·		·	
13|4·	13|5·	·	1		IS	F	M C	2	3																								·	·	·		·	
13|5·	13|6·	·	1		LS	F	M C	1	3																								·	·	·		·	
13|6·	13|7·	·	1		LS	F	M C	1	3																							4K3|6	36	40	<·01	1	K|1·	
13|7·	13|8·	·	1		LS	F	M C	1	3																								·	·	·		·	
13|8·	13|9·	·	1		LS	F	M C	1	3																								·	·	·		·	
13|9·	14|0·	·	1		IS	F	M C	2	3																								·	·	·		·	
14|0·	14|1·	·	1		LS	F	M C	1	3																							4K3|7	40	44	<·01	1	K|1·	
14|1·	14|2·	·	1		LS	F	M C	1	3																								·	·	·		·	
14|2·	14|3·	·	1		IS	F	MK	2	3																							4K1|6	2·	3·	·02	2	·	
14|3·	14|4·	·	1		LS	FG	VK	1	3																							4K1|7	3·	4·	·03	1	·	
14|4·	14|5·	·	1		IS	F	M C	2	3	T																						4K1|8	4·	5·	·02	1	·	
14|5·	14|6·	·	1		IS	F	M C	2	3	A																						4K1|9	5·	6·	·01	1	·	
14|6·	14|7·	·	1		IS	F	M C	2	3	A																						4K1|0	6·	7·	·	2	·	
14|7·	14|8·	·	1		IS	F	M C	2	3																							4K1|1	7·	8·	·01	1	·	

21306

SCOTTSDALE PROJECT

DEPOSIT NAME PIONEER HOLE No. LYH 4R

CODED BY NJT DATE 22.1.96

INTERVAL			LITHOLOGY							MINERALOGY																							ASSAYS						REMARKS
										ALTERATION/VEIN																	VIS. GOLD												
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
168	170	0	1		S	F	M	C	2	3	A																						411628	9		0.02	1	1.0	
170	K10	0	1		S	F	M	C	2	3	A																						411635	0		0.02	1	<1.0	
K10	K11	0	2		S	F	M	C	2	3	A																						411640	1		0.02	1	<1.0	
K11	K12	0	1		S	F	M	C	2	3	G																						411645	1	2	0.01	1	<1.0	
K12	K13	0	1		S	F	M	C	2	3	B																						411662	2	3	0.01	1	<1.0	
K13	K14	0	1		S	F	M	C	2	3	✓																						411673	4	5	0.02	1	<1.0	
K14	K15	0	1		S	F	M	C	2	3	B																						411684	5	6	0.01	1	<1.0	411686A
K15	K16	0	1		S	F	M	C	2	3																							411695	6	8	0.01	1	1.0	411697A
K16	K17	0	1		S	F	M	C	2	3																							411706	8	9	<0.01	1	<1.0	
K17	K18	0	1		S	F	M	C	2	3																														

21306

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	PIONEER	DRILL HOLE NO.	LYH5R
COLLAR CO-ORDINATES	551460mE 5469097.0mN	RL	32.1m	GRID NAME	
		HOLDER	HERALD	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION (Cadastral/General)	LYNDHURST
TENEMENT	EL 24/94				
1:250,000 SHEET NO					
COLLAR BEARING	205°T ~~(Mag.)~~ (Grid)				

OBJECTIVES/RESULTS/COMMENTS: TEST SOIL GEOCHEMICAL ANOMALY NORTH OF PIONEER PROSPECT.

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	11·10·95				
COMPLETED	11·10·95				
LOGGED BY	N.J. Turner				
LOGGING DATE	13·2·96				

HERALD RESOURCES LTD.

SCOTTSDALE PROJECT

DEPOSIT NAME Pioneer HOLE No. LYH 5 R

CODED BY NST DATE 13.2.86

INTERVAL			LITHOLOGY						MINERALOGY																										ASSAYS					REMARKS
									ALTERATION/VEIN																			VIS GOLD											
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16		17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
0	1	.	0		R	F		4	0																								45K30	4	.	01	1	K1	
1	2	.	1		LS	FG	MC	1	1																									.	.	.			
2	3	.	1		LS	EG	MC	1	4																									.	.	.			
3	4	.	1		S	EG	MC	2	4																									.	.	.			
4	5	.	1		LS	G	VC	1	5																								45K44	4	8	012	1	K1	
5	6	.	1		S	G	MC	2	5																									.	.	.			
6	7	.	1		S	G	MC	2	5	C																									.	.	.			
7	8	.	1		L	G	VK	1	5																									.	.	.			
8	9	.	1		S	G	MC	2	5																								45K58	8	12	01	1	K1	
9	10	.	1		S	G	MC	2	5																									.	.	.			
10	11	.	1		LS	G	MC	1	5																									.	.	.			
11	12	.	1		S	G	MC	2	5																									.	.	.			
12	13	.	1		S	G	MC	2	5																								45K56	12	16	01	2	K1	
13	14	.	1		S	G	MC	2	5																									.	.	.			
14	15	.	1		S	G	MC	2	5																									.	.	.			
15	16	.	1		S	G	MC	2	5	V				T																			.	.	.			
16	17	.	1		S	G	MC	2	5																								45K72	16	20	01	1	K1	
17	18	.	1		L	G	MC	1	5																									.	.	.			
18	19	.	1		L	G	MC	1	5																									.	.	.			
19	20	.	1		LS	G	MC	1	5	V				T																			.	.	.			
20	21	.	1		LS	G	MC	1	5			H		T																			45K80	20	24	01	1	K1	
21	22	.	1		LS	G	MC	1	5	V				T																				.	.	.			
22	23	.	1		LS	EG	MK	1	4																									.	.	.			
23	24	.	1		LS	EG	MC	1	4	A																									.	.	.			

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[redacted] HERALD RESOURCES LTD [redacted]

SCOTTSDALE PROJECT

DEPOSIT NAME Pioneer HOLE No. LYH5R

CODED BY NST DATE 13.2.96

INTERVAL			LITHOLOGY							MINERALOGY																									ASSAYS						REMARKS
										ALTERATION/VEIN																		VIS. GOLD												
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn.OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE				TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16		17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
24	25		1		LS	E	G	M	C	1	4	✓				✓																								
25	26		1		LS		G	M	C	1	5			✓																										
26	27		1		LS		G	M	C	1	5	E				✓																								
27	28		1		LS		G	V	C	1	5	T				T																								
28	29		1		LS		G	V	C	1	5																							4 5 6 0	28	32	·0 1	1	<1	
29	30		1		LS		G	V	C	1	5																													
30	31		1		LS		G	M	C	1	4																													
31	32		1		LS		G	M	C	1	4																													
32	33		1		LS		G	M	C	1	4																							4 5 6 1	32	36	·0 2	1	<1	
33	34		1		S	F	G	M	C	2	4																													
34	35		1		S	F	G	M	C	2	4																													
35	36		1		S	F	G	M	C	2	4																													
36	37		1		S	F	G	M	C	2	4																							4 5 6 2	36	40	<·01	1	<1	
37	38		1		LS	E	G	M	C	1	4																													
38	39		1		LS	E	G	M	C	1	4																													
39	40		1		S	E	G	M	C	2	4																													
40	41		1		S		G	M	C	2	5																							4 5 6 3	40	44	<·01	1	<1	
41	42		1		S		G	M	C	2	5																													
42	43		1		S		G	M	C	2	5																													
43	44		1		S	E	G	M	C	2	4																													
44	45		1		S	E	G	M	C	2	4																							4 K 6 4	44	46	<·01	1	<1	
45	46		1		S	G	F	M	C	2	4																													
46	47		1		S	G	F	M	C	2	4																													
47	48		1		S	G	F	M	C	2	4																													

HERALD RESOURCES LTD
SCOTTSDALE PROJECT

DEPOSIT NAME Pioneer HOLE No. LYH5R
CODED BY NST DATE 13.2.96

INTERVAL			LITHOLOGY							MINERALOGY																								ASSAYS						REMARKS
										ALTERATION/VEIN																			VIS. GOLD											
FROM	TO	RECOVERY	STRAT. SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	MnOX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO ASSAYS	SILVER g/t	
48·	49·	·	1		S	GF	MC	2	4																									4565	48	52	<·01	1	<1·	
49·	50·	·	1		S	GF	MC	2	4																										·	·	·		·	
50·	51·	·	1		S	GF	MC	2	4																										·	·	·		·	
51·	52·	·	1		S	GF	MC	2	4																										·	·	·		·	
52·	53·	·	1		S	GF	MC	2	4																									4566	52	54	<·01	1	<1·	
53·	54·	·	1		S	GF	MC	2	4																											·	·		·	
·	·	·																																	·	·	·		·	
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HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	PIONEER	DRILL HOLE NO.	LYHGR
COLLAR CO-ORDINATES	551388.2mE 5469132.0mN	RL	32.6m	GRID NAME	
		HOLDER	HERALD	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	LYNDHURST
TENEMENT	EL 24/94			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	205°T ~~(Mag.)~~ (Grid)				

OBJECTIVES/RESULTS/COMMENTS: TEST SOIL GEOCHEMICAL ANOMALY NORTH OF PIONEER PROSPECT.

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	4inch	
RIG TYPE	UDR 650					
COMMENCED	11.10.95					
COMPLETED	11.10.95					
LOGGED BY	N.J. Turner					
LOGGING DATE	13.2.96					

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HERALD RESOURCES LTD.

SCOTTSDALE PROJECT

DEPOSIT NAME Pleasy HOLE No. LYHSR

CODED BY NST DATE 13.2.96

INTERVAL			LITHOLOGY						MINERALOGY																								ASSAYS						REMARKS
									ALTERATION/VEIN																			VIS. GOLD											
FROM	TO	RECOVERY	STRAT SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE				TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
10	11	0	0		R	F	G	M	C	4	0																						4 5 6 7	0	4	<0.01	2	<1	
11	12	0	1		S	F	G	M	C	2	1	E		T																									
12	13	0	1		L	S	F	G	M	C	1	2	✓																											
13	14	0	1		L	S	F	G	M	C	1	2																												
14	15	0	1			S	F	G	M	C	2	3																						4 5 6 8	4	8	<0.01	1	<1	
15	16	0	1		L	S	E	G	M	C	1	3		✓																										
16	17	0	1		L	S	E	G	M	C	1	4	✓																											
17	18	0	1		L	S	E	G	M	C	1	4																												
18	19	0	1		L	S	E	G	M	C	1	4																						4 5 6 9	8	12	<0.01	1	<1	
19	110	0	1		L	S	E	G	M	C	1	4																												
110	111	0	1		L	S	E	G	M	C	1	4																												
111	112	0	1		L	S	E	G	M	C	1	4																												
112	113	0	1			S	E	G	M	C	2	4	✓		T																			4 5 12 13	12	16	<0.01	1	<1	
113	114	0	1			S	E	G	M	C	2	4	T																											
114	115	0	1			S	E	G	M	C	2	4																												
115	116	0	1		L	S	E	G	M	C	1	4																												
116	117	0	1		L	S		G	V	C	1	5																						4 5 17 18	16	20	<0.01	2	<1	
117	118	0	1		L	S		G	M	C	1	5																												
118	119	0	1		L	S		G	M	C	1	5																												
119	120	0	1		L	S		G	M	C	1	5																												
120	121	0	1		L	S	E	G	T	C	1	4																						4 5 21 22	20	24	<0.01	1	<1	
121	122	0	1		L	S	E	G	M	C	1	4																												
122	123	0	1		L	S		G	M	C	1	5																												
123	124	0	1		L	S	E	G	M	C	1	4																												

HERALD RESOURCES LTD.
SCOTTSDALE PROJECT

DEPOSIT NAME Pioneer HOLE No. LYH 6R

CODED BY NST DATE 13-2-96

INTERVAL			LITHOLOGY							MINERALOGY																													ASSAYS						REMARKS
										ALTERATION/VEIN																		VIS GOLD																		
FROM	TO	RECOVERY	STRAT SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE				TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16		17 18	19 20	21 22	23	24	25	26	27	28	29	30 31	32	33	34	35	36	37	38	39	40 41 42 43			44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
24	25		1		LS	EG	MK	1	4																							4572	24	28	<0.01	1	<1.0	
25	26		1		LS	EG	MC	1	4																								24					
26	27		1		LS	G	MC	1	5																													
27	28		1		LS	G	MC	1	5																													
28	29		1		LS	G	MC	1	5																							4574	28	32	<0.01	1	<1.0	
29	30		1		LS	G	MC	2	5																													
30	31		1		LS	G	MC	2	5																													
31	32		1		LD	EG	MC	1	4																													
32	33		1		LS	G	MC	1	5																							4575	32	36	<0.01	1	<1.0	
33	34		1		LS	G	MC	1	5																													
34	35		1		LS	G	MC	1	5																													
35	36		1		LS	G	MC	1	5																													
36	37		1		LS	G	MC	1	5																							4576	36	40	<0.01	1	<1.0	
37	38		1		LS	G	MC	1	5																													
38	39		1		LS	G	MC	2	5	E				✓																								
39	40		1		LS	G	MC	2	5		F																											
40	41		1		LS	G	MC	1	5																							4577	40	44	<0.01	1	<1.0	
41	42		1		LS	G	MC	1	5																													
42	43		1		LS	G	MC	2	5																													
43	44		1		LS	G	MC	1	5																													
44	45		1		LS	EG	MC	1	4																							4578	44	48	6.01	1	<1.0	
45	46		1		LS	G	MC	2	5																													
46	47		1		LS	G	MC	2	5																													
47	48		1		LS	G	MC	1	5	T																												

21307

HERALD RESOURCES LTD

SCOTTSDALE PROJECT

DEPOSIT NAME Pioneer HOLE No. LYH 6R

CODED BY NJT DATE 13-2-96

INTERVAL			LITHOLOGY							MINERALOGY																				ASSAYS						REMARKS
										ALTERATION/VEIN															VIS. GOLD											
FROM	TO	RECOVERY	STRAT. SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	MnOX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE	TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	REMARKS
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68–87
48.	49.		1		LS	G	MC	1	5	✓																				4579	48	52	<.01	1	<1.	
49.	50.		1		LS	G	MC	1	5	✓																										
50.	51.		1		LS	G	MC	1	5	T																										
51.	52.		1		LS	G	MC	1	5	T																										
52.	53.		1		LS	G	MC	1	5																					4580	52	54	<.01	1	<1.	
53.	54.		1		S	G	MC	2	5																											

713071

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	ALLIANCE	DRILL HOLE NO.	LYH 7R
COLLAR CO-ORDINATES	551029·0mE 5468828·6mN	RL	30·1m	GRID NAME	
		HOLDER	HERALD	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	LYNDHURST ·
TENEMENT	EL 24/94			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	115°T ~~(Mag.)~~ (Grid)				

OBJECTIVES/RESULTS/COMMENTS: TEST QUARTZ VEIN LODES AND COUNTRY ROCK.

COLLAR INCLINATION	50°					DOWN-HOLE SURVEY RESULTS (Mag//Grid)
TOTAL LENGTHS	60m	DRILLING TYPE	FROM	TO	HOLE/CORE DIAM	
DRILLING CONTRACTOR	DIAMOND DRILLING-TAS. P/L	RC	0	60	4 inch	
RIG TYPE	UDR 650					
COMMENCED	16·10·95					
COMPLETED	16·10·95					
LOGGED BY	N.S. Turner					
LOGGING DATE	13·2·96					

[redacted] RESOURCES LTD

SCOTTSDALE PROJECT

DEPOSIT NAME Alliance HOLE No. LYH 7R

CODED BY NST DATE 13.2.96

INTERVAL			LITHOLOGY							MINERALOGY																										ASSAYS						REMARKS
										ALTERATION/VEIN																			VIS. GOLD													
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16		17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
0	1		0		R	F	M	C	4	0																							4 4 9 8	0	4	0 1	1	K	1
1	2		1		S	F	G	M	C	2	1																														
2	3		1		S	F	G	M	C	2	2	E																													
3	4		1		S	F	G	M	C	2	2	T																													
4	5		1		S	F	G	M	C	2	2																							4 4 9 9	4	8	<0 0 1	1	K	1
5	6		1		S	F	G	M	C	2	4																														
6	7		1		S	F	G	M	C	2	4																														
7	8		1		S	F	G	M	C	2	4																														
8	9		1		S		G	M	C	2	5																							4 5 0 0	8	12	<0 0 1	1	K	1
9	10		1		S		G	M	C	2	5																														
10	11		1		C S		G	M	C	1	5																														
11	12		1		C S		G	M	C	1	5																														
12	13		1		S		G	M	C	2	5																							4 5 0 1	12	16	<0 0 1	1	K	1
13	14		1		C S		G	M	C	1	5																														
14	15		1		C S		G	M	C	1	5																														
15	16		1		S		G	M	C	2	5																														
16	17		1		S		G	M	C	2	5																							4 5 0 2	16	20	<0 0 1	1	K	1
17	18		1		S		G	M	C	2	5																														
18	19		1		C S		G	M	C	1	5																														
19	20		1		C		G	M	C	1	5																														
20	21		1		S		G	M	C	2	5																							4 5 0 3	20	24	<0 0 1	1	K	1
21	22		1		S		G	M	C	2	5																														
22	23		1		C S		G	M	C	1	5																														
23	24		1		S		G	M	C	2	5																														

21302

HERALD RESOURCES LTD.

SCOTTSDALE PROJECT

DEPOSIT NAME Alliance HOLE No. LYH7R

CODED BY NJT DATE 13.2.96

INTERVAL			LITHOLOGY						MINERALOGY																								ASSAYS						REMARKS
									ALTERATION/VEIN																			VIS. GOLD											
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20 21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
124	125	.	1		1S	G	M	C	2	S																							4	5	0	4	24	28	<0.01	1	<1.	
125	126	.	1		1S	G	M	C	2	S																											.		.		.	
126	127	.	1		1S	G	M	C	2	S																											.		.		.	
127	128	.	1		1S	G	M	C	2	S																											.		.		.	
128	127	.	1		1S	G	M	C	2	S																							4	5	0	5	28	32	<0.01	1	<1.	
127	130	.	1		1S	G	M	C	2	S																											.		.		.	
130	131	.	1		1S	G	M	C	2	S																											.		.		.	
131	132	.	1		1S	G	M	C	2	S																											.		.		.	
132	133	.	1		1S	G	M	C	2	S																							4	8	0	8	2.	3	<0.01	1	<1.	
133	134	.	1		1S	G	M	C	2	S																							4	8	0	9	3.	4.	<0.01	1	<1.	
134	135	.	1		1S	G	M	C	2	S	B			T																			4	8	1	0	4.	5.	<0.01	1	<1.	
135	136	.	1		1S	G	M	C	2	S	A			T																			4	8	1	1	5.	6.	<0.01	1	<1.	
136	137	.	1		1S	G	M	C	2	S	A			T																			4	8	1	2	6.	7.	<0.01	1	<1.	
137	138	.	1		1S	G	M	C	2	S	✓																						4	8	1	3	7.	8.	<0.01	1	<1.	
138	139	.	1		1S	G	M	C	2	S																							4	8	1	4	8.	9.	<0.01	1	<1.	
139	140	.	1		1S	G	M	C	2	S			B																				4	8	1	5	9.	0.	<0.01	1	<1.	
140	141	.	1		1S	G	M	C	1	S		✓							T														4	8	1	6	0.	1.	<0.01	1	<1.	
141	142	.	1		1S	G	M	C	1	S		✓							T														4	8	1	7	1.	2.	<0.01	1	<1.	
142	143	.	1		1S	G	M	C	2	S	F																						4	8	1	8	2.	3.	<0.01	1	<1.	
143	144	.	1		1S	G	M	C	1	S			C	T					T														4	8	1	9	3.	4.	<0.01	2	<1.	
144	145	.	1		1S	G	M	C	1	S			G																				4	8	2	0	4.	5.	<0.01	1	<1.	
145	146	.	1		1S	G	M	C	1	S		✓							T														4	8	2	1	5.	6.	<0.01	1	<1.	
146	147	.	1		1S	G	M	C	1	S		✓							T														4	8	2	2	6.	7.	<0.01	1	<1.	
147	148	.	1		1S	G	M	C	1	S	T																						4	8	2	3	7.	8.	<0.01	1	<1.	

21807A

[redacted] RESOURCES LTD

SCOTTSDALE PROJECT

DEPOSIT NAME Alliance HOLE No. LYH7R

CODED BY NST DATE 13-2-96

INTERVAL			LITHOLOGY							MINERALOGY																								ASSAYS						REMARKS
										ALTERATION/VEIN																			VIS. GOLD												
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	MnOX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16		17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
4 2 8	4 2 9	.	1		1 5	G M	C	2	5	✓									T														4 5 2 4 8	.	2 9 .	< d l	2	K l .	
4 2 9	5 3 0	.	1		1 5	G M	C	2	5	T																							4 5 2 5 9	.	3 0 .	< d l	1	K l .	
5 3 0	5 3 1	.	1		1 5	G M	C	2	5																								4 5 2 6 0	.	3 1 .	< d l	1	K l .	
5 3 1	5 3 2	.	1		1 5	G M	C	2	5																								4 5 2 7 1	.	3 2 .	< d l	1	K l .	
5 3 2	5 3 3	.	1		1 5	G M	C	2	5	T																							4 5 2 8 2	.	3 3 .	< d l	1	K l .	
5 3 3	5 3 4	.	1		1 5	G M	C	2	5			D																					4 5 2 9 3	.	3 4 .	< d l	1	K l .	
5 3 4	5 3 5	.	1		1 5	G M	C	2	5																								4 5 3 0 4	.	3 5 .	< d l	2	K l .	
5 3 5	5 3 6	.	1		1 5	G M	C	2	5	T																							4 5 3 1 5	.	3 6 .	< d l	1	K l .	
5 3 6	5 3 7	.	1		1 5	G M	C	2	5		✓								T														4 5 3 2 6	.	3 7 .	< d l	1	K l .	
5 3 7	5 3 8	.	1		1 5	G M	C	1	5		✓																						4 5 3 3 7	.	3 8 .	< d l	1	K l .	
5 3 8	5 3 9	.	1		1 5	G M	C	1	5			B							T														4 5 3 4 8	.	3 9 .	< d l	1	K l .	
5 3 9	6 0	.	1		1 5	G M	C	1	5			A							T														4 3 3 4 9	.	4 0 .	< d l	1	K l .	4 3 3 4 A
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213013

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	ALLIANCE	DRILL HOLE NO.	LYH8R
COLLAR CO-	550998·5mE	RL	28·0m	GRID NAME	
ORDINATES	5468765·0mN	HOLDER	HERALD	MANAGER	
MINERAL		1:500,000 SHEET		LOCATION	LYNDHURST
TENEMENT	EL 24/94			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	115°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	UDR650					
COMMENCED	16·10·95					
COMPLETED	16·10·95					
LOGGED BY	N.J.Turner					
LOGGING DATE	13·2·96					

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SCOTTSDALE PROJECT

DEPOSIT NAME Alliance HOLE No. LYH8R

CODED BY NJT DATE 13.2.96

INTERVAL			LITHOLOGY							MINERALOGY																				ASSAYS						
										ALTERATION/VEIN															VIS. GOLD											
FROM	TO	RECOVERY	STRAT. SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE	TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	REMARKS
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68–87
0.	1.	.	0		R	N	MC	4	O																					43336	0.	1.	<.01	1	<1.	
1.	2.	.	0		R	O	MK	4	C																					43337	1.	2.	<.01	1	<1.	
2.	3.	.	1		S	F	MC	2	O	J																				43338	2.	3.	<.01	1	<1.	
3.	4.	.	1		S	F	MC	2	O	J																				43339	3.	4.	<.01	1	<1.	
4.	5.	.	1		S	F	MC	2	O	J																				43340	4.	5.	<.01	1	<1.	
5.	6.	.	1		S	FG	MC	2	3	A																				43341	5.	6.	<.01	1	<1.	
6.	7.	.	1		S	FG	MK	4	3																					43342	6.	7.	<.01	1	<1.	
7.	8.	.	1		S	EG	MC	2	4																					43343	7.	8.	<.01	1	<1.	
8.	9.	.	1		LS	EG	MC	1	4																					43344	8.	9.	<.01	2	<1.	
9.	10	.	1		LS	EG	MC	1	4																					43345	9.	0.	<.01	1	<1.	
10	11.	.	1		LS	G	MC	1	5																					43346	0	1.	<.01	1	<1.	
11.	12.	.	1		L	G	VK	1	5												T									43347	1.	2.	.01	1	<1.	
12.	13.	.	1		S	G	MC	2	5		J			✓							✓									43348	2.	3.	<.01	1	<1.	
13.	14.	.	1		S	G	MK	2	5	T																				43349	3.	4.	<.01	1	<1.	
14.	15.	.	1		S	G	MC	2	5																					43350	4.	5.	<.01	1	<1.	
15.	16.	.	1		S	G	MC	2	5		✓			T					T											43351	5.	6.	<.01	1	<1.	
16.	17.	.	1		S	G	MC	2	5	T																				43352	6.	7.	<.01	1	<1.	
17.	18.	.	1		S	G	MC	2	5	✓				T																43353	7.	8.	<.01	1	<1.	
18.	19.	.	1		S	G	MC	2	5	✓				T																43354	8.	9.	<.01	2	<1.	
19.	20.	.	1		S	G	MC	2	5			D									T									43355	9.	0.	.03	1	<1.	
20.	21.	.	1		LS	G	MC	1	5		✓								T											43356	0.	1.	<.01	1	<1.	
21.	22.	.	1		LS	G	MC	1	5																					43357	1.	2.	<.01	1	<1.	
22.	23.	.	1		LS	G	MC	1	5																					43358	2.	3.	<.01	1	<1.	
23.	24.	.	1		LS	G	MC	1	5		B								T											43359	3.	4.	<.01	1	<1.	

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HERALD RESOURCES LTD.

SCOTTSDALE PROJECT

DEPOSIT NAME Alliance HOLE No. LYH8R

CODED BY NJT DATE 13-2-96

INTERVAL			LITHOLOGY						MINERALOGY																								ASSAYS						REMARKS
									ALTERATION/VEIN																			VIS. GOLD												
FROM	TO	RECOVERY	STRAT. SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15	16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
24	25		1		1S	G	M	C	25	5				T						T													4360	4	5	<0.01	1	<1	
25	26		1		1S	G	M	C	25	T									T														4361	5	6	<0.01	1	<1	
26	27		1		1S	G	M	C	25	T																							4362	6	7	<0.01	1	<1	
27	28		1	L	1S	G	M	C	15																								4363	7	8	<0.01	1	<1	
28	29		1		1S	G	M	C	25	✓									T														4364	8	9	<0.01	1	<1	
29	30		1		1S	G	M	C	25	✓									T														4365	9	0	<0.01	1	<1	
30	31		1		1S	G	M	C	15	F				T							T												4366	0	1	<0.01	1	<1	
31	32		1		1S	G	M	C	15	T																							4367	1	2	<0.01	1	<1	
32	33		1		1S	G	M	C	15																								4506	32	36	<0.01	2	<1	
33	34		1		1S	G	M	C	15																															
34	35		1		1S	G	M	C	15																															
35	36		1		1S	G	M	C	15	T																														
36	37		1		1S	G	M	C	15																								4507	36	40	<0.01	1	<1	
37	38		1		1S	G	M	C	15																															
38	39		1		1S	G	M	C	15																															
39	40		1		1S	G	M	C	15																															
40	41		1		1S	G	M	C	25																								4508	40	44	<0.01	1	<1	
41	42		1		1S	G	M	C	25																															
42	43		1		1S	G	M	C	25																															
43	44		1		1S	G	M	C	25																															
44	45		1		1S	G	M	K	25																								4509	44	48	<0.01	1	<1	
45	46		1		1S	G	M	C	25																															
46	47		1		1S	G	M	C	25																															
47	48		1		1S	G	M	C	25																															

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SCOTTSDALE PROJECT

DEPOSIT NAME Allison HOLE No. LYH 8R

CODED BY NST DATE 13.2.96

INTERVAL			LITHOLOGY						MINERALOGY																								ASSAYS						REMARKS
									ALTERATION/VEIN																	VIS. GOLD													
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
14|8	14|9	.1	1		K	G	M C	2	S																							4 S 1 0	48	52	<0.01		<1.	
14|9	15|0	.1	1		S	G	M C	2	S																									.	.	.			
15|0	15|1	.1	1		S	G	M C	2	S																									.	.	.			
15|1	15|2	.1	1		S	G	M C	2	S																									.	.	.			
15|2	15|3	.1	1		L S	G	M C	1	S																								4 S 1 1	52	54	<0.01	1	<1.	
15|3	15|4	.1	1		S	G	M C	2	S																									.	.	.			
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HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	RAILWAY	DRILL HOLE NO.	LYH 9R
COLLAR CO-ORDINATES	550740·5mE 5468465·4mN	RL	25·8m	GRID NAME	
		HOLDER	HERALD	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	LYNDHURST
TENEMENT	EL 24/94			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	130°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	UDR650					
COMMENCED	17·10·95					
COMPLETED	17·10·95					
LOGGED BY	N.J. Turner					
LOGGING DATE	13·2·96					

[redacted] RESOURCES LTD.

SCOTTSDALE PROJECT

DEPOSIT NAME Railway HOLE No. LYHDR

CODED BY NJT DATE 13-2-96

INTERVAL			LITHOLOGY							MINERALOGY																								ASSAYS						REMARKS
										ALTERATION/VEIN																			VIS. GOLD												
FROM	TO	RECOVERY	STRAT SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
10	11	.	0		R	F		4	0																								4 3 5 0	0	1	<0.01	1	<1	
11	12	.	1		S	F G	M C	2	0	T																							4 3 5 1	1	2	<0.01	2	<1	
12	13	.	1		S	F	M C	2	3	✓																							4 3 5 2	2	3	<0.01	1	<1	
13	14	.	1		S	F G	M C	2	3			A																					4 3 5 3	3	4	<0.01	1	<1	
14	15	.	1		S	F G	M C	2	3	✓																							4 3 5 4	4	5	<0.01	1	<1	
15	16	.	1		S	E G	M C	2	4																								4 3 5 5	5	6	<0.01	1	<1	
16	17	.	1		S	E G	M C	2	4																								4 3 5 6	6	7	<0.01	1	<1	
17	18	.	1		S	G	M C	2	5																								4 3 5 7	7	8	<0.01	1	<1	
18	19	.	1		S	G	M C	2	5		✓																						4 5 5 8	8	12	<0.01	5	<1	
19	10	.	1		S	G	M C	2	5																															
10	11	.	1		S	G	M C	2	5																															
11	12	.	1		L S	G	M C	1	5																															
12	13	.	1		S	G	M C	2	5	T																						4 5 5 9	12	16	<0.01	1	<1	
13	14	.	1		S	G	M C	2	5																															
14	15	.	1		L S	G	M C	1	5																															
15	16	.	1		L S	G	M C	1	5																															
16	17	.	1		L S	G	M C	1	5																								4 5 5 2 0	16	20	<0.01	1	<1	
17	18	.	1		L S	G	M C	1	5	✓								T																						
18	19	.	1		L S	G	M C	1	5																															
19	20	.	1		L S	G	M C	1	5																															
20	21	.	1		L S	G	M C	1	5																								4 5 5 2 1	20	24	<0.01	1	<1	
21	22	.	1		S	G	M C	2	5																															
22	23	.	1		L S	G	M C	1	5			✓																													
23	24	.	1		S	G	M C	2	5																															

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HERALD RESOURCES LTD.

SCOTTSDALE PROJECT

DEPOSIT NAME Railway HOLE No. LYH9R

CODED BY NJT DATE 13-2-96

INTERVAL			LITHOLOGY							MINERALOGY																							ASSAYS						REMARKS
										ALTERATION/VEIN																	VIS. GOLD												
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
24	25		1		S	G	M	C	S																							4 4 1 4	4	5	<0.01	1	<1	
25	26		1		S	G	M	C	S	H																						4 4 1 5	5	6	<0.01	1	<1	
26	27		1		S	G	M	C	S	✓																						4 4 1 6	6	7	<0.01	1	<1	
27	28		1		S	G	M	C	S	J			T																		4 4 1 7	7	8	1.02	2	<1	
28	29		1		S	G	M	C	S	A																					4 4 1 8	8	9	<0.01	1	<1	
29	30		1		S	G	M	C	S	A			T																		4 4 1 9	9	0	<0.01	1	<1	
30	31		1		S	G	M	C	S	✓																					4 4 2 0	0	1	<0.01	1	<1	
31	32		1		S	G	M	C	S	T																					4 4 2 1	1	2	<0.01	2	<1	
32	33		1		S	G	M	C	S	✓			T																		4 4 2 2	2	3	<0.01	1	<1	
33	34		1		S	G	M	C	S		T																				4 4 2 3	3	4	<0.01	1	<1	
34	35		1		S	G	M	C	S	T			T																		4 4 2 4	4	5	<0.01	1	<1	
35	36		1		S	G	M	C	S	T																					4 4 2 5	5	6	<0.01	1	<1	
36	37		1		S	G	M	C	S	✓																					4 4 2 6	6	7	<0.01	1	<1	
37	38		1		S	G	M	C	S			F	T																		4 4 2 7	7	8	<0.01	1	<1	
38	39		1		S	G	M	C	S			✓																			4 4 2 8	8	9	1.02	1	<1	
39	40		1		S	G	M	C	S			✓																			4 4 2 9	9	0	<0.01	1	<1	
40	41		1		S	G	M	C	S	T																					4 4 3 0	0	1	<0.01	1	<1	
41	42		1		S	G	M	C	S	P																					4 4 3 1	1	2	<0.01	1	<1	
42	43		1		S	G	M	C	S		E		T							T											4 4 3 2	2	3	<0.01	2	<1	
43	44		1		S	G	M	C	S		R							✓		T											4 4 3 3	3	4	<0.01	1	<1	
44	45		1		S	G	M	C	S	F			T																		4 4 3 4	4	5	<0.01	1	<1	
45	46		1		S	G	M	C	S		C							T													4 4 3 5	5	6	<0.01	1	<1	
46	47		1		S	G	M	C	S	✓								T													4 4 3 6	6	7	<0.01	1	<1	
47	48		1		S	G	M	C	S	✓																					4 4 3 7	7	8	<0.01	1	<1	

[redacted] RESOURCES LTD.

SCOTTSDALE PROJECT

DEPOSIT NAME Railway HOLE No. LY19R

CODED BY NST DATE 23.2.96

INTERVAL			LITHOLOGY							MINERALOGY																						ASSAYS						REMARKS
										ALTERATION/VEIN																	VIS. GOLD												
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66	67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
48	49	.	1		LS	GN	MS	1	S																								4432	8	9	<0.01	1	<1	
49	50	.	1		LS	GN	MS	1	S	T																							4433	9	0	<0.01	1	<1	
50	51	.	1		LS	GN	MS	2	S																										.	.	.			.	NO ASSAY
51	52	.	1		LS	GN	MS	2	S																										.	.	.			.	NO ASSAY
52	53	.	1		LS	GN	MS	2	S									T															4521	56	<0.01	1	<1	
53	54	.	1		LS	GN	MS	2	S																										.	.	.			.	
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HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	RAILWAY	DRILL HOLE NO.	LYH10R
COLLAR CO-ORDINATES	550793.6mE 5468527.6mN	RL	28.1	GRID NAME	
		HOLDER	HERALD	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	LYNDHURST
TENEMENT	EL24/94			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	130°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	4inch	
RIG TYPE	UDR650					
COMMENCED	17.10.95					
COMPLETED	17.10.95					
LOGGED BY	N.J.Turner					
LOGGING DATE	13.2.96					

HERALD RESOURCES LTD.
SCOTTSDALE PROJECT

DEPOSIT NAME Railways HOLE No. LYH 10R

CODED BY NST DATE 13-2-96

INTERVAL			LITHOLOGY						MINERALOGY																						ASSAYS						REMARKS
									ALTERATION/VEIN																		VIS. GOLD											
FROM	TO	RECOVERY	STRAT SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	M-OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE	TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15	16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40 41 42 43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
10	11	.	C		R	LG		4	0																					4 5 3 2	0	4	<0.01	1	<1	
11	12	.	L		S	FG	MC	2	3																						.	.	.		.	
12	13	.	L		S	FG	MC	2	3																						.	.	.		.	
13	14	.	L		S	FG	MC	2	3																						.	.	.		.	
14	15	.	L		LS	FG	MC	1	3																					4 5 4 0	4	8	<0.01	1	<1	
15	16	.	L		LS	G	MC	1	4																						.	.	.		.	
16	17	.	L		LS	EG	MC	1	4																						.	.	.		.	
17	18	.	L		LS	EG	MC	1	4																						.	.	.		.	
18	19	.	L		S	G	MC	2	5																					4 5 4 1	8	12	<0.01	1	<1	
19	110	.	L		S	G	MC	2	5																						.	.	.		.	
110	111	.	L		LS	G	MC	1	5																						.	.	.		.	
111	112	.	L		S	G	MC	2	5																						.	.	.		.	
112	113	.	L		LS	G	MC	1	5																					4 5 4 2	12	16	<0.01	2	<1	
113	114	.	L		LS	G	MC	1	5																						.	.	.		.	
114	115	.	L		S	G	MC	2	5																						.	.	.		.	
115	116	.	L		S	G	MC	2	5	✓									T												.	.	.		.	
116	117	.	L		S	G	MC	2	5	✓				T					T											4 K 4 3	16	20	<0.01	1	<1	
117	118	.	L		LS	G	MC	1	5	✓				✓																	.	.	.		.	
118	119	.	L		LS	G	MC	1	5	✓				T																	.	.	.		.	
119	120	.	L		LS	G	MC	1	5																						.	.	.		.	
120	121	.	L		S	G	MC	2	5																					4 K 4 4	20	24	<0.01	1	<1	
121	122	.	L		S	G	MC	2	5																						.	.	.		.	
122	123	.	L		S	G	MC	2	5	✓				T																	.	.	.		.	
123	124	.	L		S	G	MC	2	5	✓																					.	.	.		.	

HERALD RESOURCES LTD.
SCOTTSDALE PROJECT

DEPOSIT NAME Railway HOLE No. LYH10R

CODED BY NJT DATE 13·2·96

INTERVAL			LITHOLOGY						MINERALOGY																								ASSAYS						REMARKS
									ALTERATION/VEIN																		VIS. GOLD												
FROM	TO	RECOVERY	STRAT. SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE				TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16		17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66	67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
12.4	12.5	·	1		LS	G	M	C	1	5																							45145	24 28	<0.01	2	<1	
12.5	12.6	·	1		LS	G	M	C	1	5																													
12.6	12.7	·	1		LS	G	M	C	2	5																													
12.7	12.8	·	1		LS	G	M	C	2	5																													
12.8	12.9	·	1		LS	G	M	C	2	5																							45146	28 32	<0.01	2	<1	
12.9	13.0	·	1		LS	G	M	C	1	5	✓							T																				
13.0	13.1	·	1		LS	G	M	C	2	5																													
13.1	13.2	·	1		LS	G	M	C	2	5	✓																													
13.2	13.3	·	1		LS	G	M	C	2	5	T																						45147	32 36	<0.01	1	<1	
13.3	13.4	·	1		LS	G	M	C	2	5	✓																													
13.4	13.5	·	1		LS	G	M	C	2	5	C			T																									
13.5	13.6	·	1		LS	G	M	C	1	5	T																													
13.6	13.7	·	1		LS	G	M	C	1	5																							45148	36 40	<0.01	1	<1	
13.7	13.8	·	1		LS	G	M	C	1	5																													
13.8	13.9	·	1		LS	G	M	C	2	5																													
13.9	14.0	·	1		LS	G	M	C	2	5																													
14.0	14.1	·	1		LS	G	M	C	1	5																							45149	40 44	<0.01	1	<1	
14.1	14.2	·	1		LS	G	M	C	1	5																													
14.2	14.3	·	1		LS	G	M	C	1	5																													
14.3	14.4	·	1		LS	G	M	C	2	5	T																													
14.4	14.5	·	1		LS	G	M	C	1	5	T																						45150	44 48	·	1			
14.5	14.6	·	1		LS	G	M	C	2	5	T																													
14.6	14.7	·	1		LS	G	M	C	2	5																													
14.7	14.8	·	1		LS	G	M	C	2	5																													

HERALD RESOURCES LTD.
SCOTTSDALE PROJECT

DEPOSIT NAME Railway HOLE No. LYH10R

CODED BY NJT DATE 13-2-96

INTERVAL			LITHOLOGY						MINERALOGY																					ASSAYS						REMARKS
									ALTERATION/VEIN																	VIS. GOLD											
FROM	TO	RECOVERY	STRAT. SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE				TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16		17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
14.0	14.5	.	1		15	GY	MK	2	5																							45151148	48	52	<0.01	1	<1.	
14.5	15.0	.	1		15	GY	MC	2	5																													
15.0	15.1	.	1		15	GY	MC	2	5																													
15.1	15.2	.	1		15	GY	MK	2	5																													
15.2	15.3	.	1		15	GY	MC	2	5																							45152152	52	54	<0.01	1	<1.	
15.3	15.4	.	1		15	GY	MC	2	5																													

7130871

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	SOUTHERN CROSS	DRILL HOLE NO.	SCR1R
COLLAR CO-ORDINATES	552208.0mE 6465702.9mN	RL	74.8m	GRID NAME	
		HOLDER	HERALD	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	WATERHOUSE
TENEMENT	EL 24/94			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	297°T ~~(Mag.)~~ (Grid)				

OBJECTIVES/RESULTS/COMMENTS: TEST QUARTZ VEIN LODES AND 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	6.10.95					
COMPLETED	6.10.95					
LOGGED BY	N.J. Turner					
LOGGING DATE	13.2.96					

[redacted] RESOURCES LTD

SCOTTSDALE PROJECT

DEPOSIT NAME Southern Cross HOLE No. SCR1R

CODED BY NST DATE 13-2-96

INTERVAL			LITHOLOGY					MINERALOGY																										ASSAYS						REMARKS
								ALTERATION/VEIN																	VIS. GOLD															
FROM	TO	RECOVERY	STRAT. SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
10	11	.			R	F n	C	4	C																								4 5 9 2	0	4	<0.01	2	<1	
11	12	.			S	F M	C	2	C																															
12	13	.			S	D G M	C	2	C																															
13	14	.			S	C G M	C	2	C																															
14	15	.			S	F G M	C	2	C	C																								4 5 9 3	4	8	<0.01	1	<1	
15	16	.			S	F G M	C	2	3	✓																														
16	17	.			S	F G M	C	2	3																															
17	18	.			S	E G M	C	2	4	B																														
18	19	.			S	G M	C	2	5																								4 5 D 4	8	12	<0.01	1	<1	
19	110	.			S	G M	C	2	5																															
110	111	.			L S	G M	C	1	5	✓																														
111	112	.			S	G M	C	2	5	C																														
112	113	.			L S	G M	C	1	5	T																								4 K B K	12	16	<0.01	1	<1	
113	114	.			S	G M	C	2	5			T																											
114	115	.			S	E G M	C	2	4		B					T																							
115	116	.			S	G M	C	2	5	T																														
116	117	.			S	G M	C	2	5																								4 5 D 6	16	20	<0.01	1	<1	
117	118	.			S	G M	C	2	5																															
118	119	.			S	G M	C	2	5	T																								3 B 0 3	8	12	.01	1	<1	
119	120	.			S	E G M	C	2	4	T																								3 B 0 4	9	10	.01	1	<1	
120	121	.			S	G M	C	2	5	T																								3 B 0 5	0	1	<0.01	1	<1	STOPE
121	122	.			S	G M	C	2	5																										3 B 0 6	1	2	.05	1	<1	?STOPE
122	123	.			S	G M	C	2	5																								4 S D 7	20	24	<0.01	1	<1	
123	124	.			L S	G M	C	1	5																															

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HERALD RESOURCES LTD.

SCOTTSDALE PROJECT

DEPOSIT NAME Southern Cross HOLE No. SCR1R

CODED BY NST DATE 13·2·96

INTERVAL			LITHOLOGY							MINERALOGY																								ASSAYS						REMARKS
										ALTERATION/VEIN																		VIS. GOLD												
FROM	TO	RECOVERY	STRAT. SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE				TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
24	25	·	1		LS	EG	M	C	1	4																														
25	26	·	1		LS	EG	M	C	2	4																														
26	27	·	1		LS	G	M	C	2	5																														
27	28	·	1		LS	EG	M	C	2	4																														
28	29	·	1		LS	G	M	C	2	5																								49	28	32	<0·1	1	<1	
29	30	·	1		LS	G	M	C	2	5																														
30	31	·	1		LS	G	M	C	2	5																														
31	32	·	1		LS	G	M	C	2	5																														
32	33	·	1		LS	G	M	C	1	5																								50	32	36	<0·1	1	<1	
33	34	·	1		LS	G	M	C	2	5																														
34	35	·	1		LS	G	M	C	1	5																														
35	36	·	1		LS	G	M	C	1	5																														
36	37	·	1		LS	G	M	C	2	5																								51	36	40	<0·1	1	<1	
37	38	·	1		LS	EG	M	C	2	4		B																												
38	39	·	1		LS	G	M	C	1	5																														
39	40	·	1		LS	G	M	C	2	5																														
40	41	·	1		LS	G	M	C	2	5																								52	40	44	<0·1	2	<1	
41	42	·	1		LS	EG	M	C	2	4								T																						
42	43	·	1		LS	G	M	C	2	5																														
43	44	·	1		LS	G	M	C	2	5																														
44	45	·	1		LS	G	M	C	2	5																								53	44	48	<0·1	1	<1	
45	46	·	1		LS	G	M	C	2	5																														
46	47	·	1		LS	G	M	C	2	5																														
47	48	·	1		LS	G	M	C	2	5																														

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[redacted] RESOURCES LTD

SCOTTSDALE PROJECT

DEPOSIT NAME Southern Cross HOLE No. SCR1R

CODED BY NJT DATE 13-2-96

INTERVAL			LITHOLOGY						MINERALOGY																								ASSAYS					REMARKS
									ALTERATION/VEIN																		VIS. GOLD											
FROM	TO	RECOVERY	STRAT. SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE				TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40 41 42 43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
148.0	149.0	.	1		IS	G	M	C	2	S																					46048	52	54	<0.01	2	<1.0	
149.0	150.0	.	1		IS	G	M	C	2	S																												
150.0	151.0	.	1		IS	G	M	C	2	S																												
151.0	152.0	.	1		IS	G	M	C	2	S	✓																											
152.0	153.0	.	1		IS	G	M	C	2	S	✓																					46052	54	<0.01	1	<1.0	
153.0	154.0	.	1		IS	G	M	C	2	S																												
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21301

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	SOUTHERN CROSS	DRILL HOLE NO.	SCR 2 R
COLLAR CO-ORDINATES	552282·6mE 6565684·4mN	RL	72·1 m	GRID NAME	
		HOLDER	HERALD	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION (Cadastral/General)	WATERHOUSE
TENEMENT	EL 24/94				
1:250,000 SHEET NO					
COLLAR BEARING	297°T ~~(Mag.)~~ (Grid)				

OBJECTIVES/RESULTS/COMMENTS: TEST QUARTZ VEIN LODES AND COUNTRY ROCK.

COLLAR INCLINATION	50°					DOWN-HOLE SURVEY RESULTS (Mag//Grid)
TOTAL LENGTHS	54 m	DRILLING TYPE	FROM	TO	HOLE/CORE DIAM	
DRILLING CONTRACTOR	DIAMOND DRILLING TAS P/L	RC	0	54	4 inch	
RIG TYPE	UDR 650					
COMMENCED	7·10·95					
COMPLETED	7·10·95					
LOGGED BY	N.J. Turner					
LOGGING DATE	13·2·96					

HERALD RESOURCES LTD

SCOTTSDALE PROJECT

DEPOSIT NAME Southern Cross HOLE No. SCR 28

CODED BY NST DATE 13-2-96

INTERVAL			LITHOLOGY						MINERALOGY																								ASSAYS						REMARKS
									ALTERATION/VEIN																			VIS. GOLD												
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	M-OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE				TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40 41 42 43		44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
0	1		0		R	F		4	C																													
1	2		0		R	F		4	C																													
2	3		1		S	F	K	M	C	2	3																											
3	4		1		S	F	G	M	C	2	3																											
4	5		1		S	F	G	M	C	2	4																					4 6 0 7	4	8	<0.01		<1	
5	6		1		S	F	G	M	C	2	4	✓					T																					
6	7		1		S	F	G	M	C	2	4																											
7	8		1		S	F	G	M	C	2	4	✓					T																					
8	9		1		S	F	G	M	C	2	4	✓					T															4 6 0 8	8	12	<0.01		<1	
9	10		1		S		G	M	C	2	5																											
10	11		1		S		G	M	C	2	5	✓																											
11	12		1		S		G	M	C	2	5																											
12	13		1		S		G	M	C	2	5																					4 6 0 9	12	16	<0.01		<1	
13	14		1		S		G	M	C	2	5																											
14	15		1		S		G	M	C	2	5	T																											
15	16		1		S	F	G	M	C	2	4																											
16	17		1		S	F	G	M	C	2	4	T																					4 6 1 1	16	20	<0.01		<1	
17	18		1		S	F	G	M	C	2	4																											
18	19		1		S		G	M	C	2	5																											
19	20		1		S		G	M	C	2	5																											
20	21		1		S		G	M	C	2	5																					4 6 1 1	20	24	<0.01		<1	
21	22		1		S	F	G	M	C	2	4																											
22	23		1		S	F	G	M	C	2	4	C																											
23	24		1		S		G	M	C	2	4	T																											

413202

HERALD RESOURCES LTD.

SCOTTSDALE PROJECT

DEPOSIT NAME Southern Cross HOLE No. SCR2R

CODED BY NST DATE 13-2-96

INTERVAL			LITHOLOGY							MINERALOGY																								ASSAYS						REMARKS
										ALTERATION/VEIN																			VIS. GOLD												
FROM	TO	RECOVERY	STRAT. SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
124	125		1		IS	E	M	C	2	4																						3616134	5	.01	1	<1		
125	126		1		IS	G	M	C	2	5		C	✓																			3616145	6	<.01	1	<1		
126	127		1		IS	G	M	C	2	5																						3616156	7	<.01	2	<1		
127	128		1		IS	G	M	C	2	5																						3616167	8	<.01	1	<1		
128	129		1		IS	E	M	C	2	4																						3616178	9	<.01	1	<1		
129	130		1		IS	E	M	C	2	4	A																					3616189	10	.01	1	<1		
130	131		1		IS	G	M	C	2	5	✓																					4616132	33	<.01	1	<1		
131	132		1		IS	G	M	C	2	5																														
132	133		1		IS	G	M	C	2	5																						4616143	36	<.01	1	<1		
133	134		1		IS	G	M	C	2	5																														
134	135		1		IS	E	M	C	2	4																														
135	136		1		IS	E	M	C	2	4																														
136	137		1		IS	E	M	C	2	4																						4616153	40	<.01	1	<1		
137	138		1		IS	G	M	C	2	5																														
138	139		1		IS	G	M	C	2	5																														
139	140		1		IS	G	M	C	2	5																														
140	141		1		IS	G	M	K	2	5																						4616164	40	44	<.01	1	<1		
141	142		1		IS	G	M	K	2	5		/	T																										
142	143		1		IS	G	M	C	2	5																														
143	144		1		IS	G	M	K	2	5	✓																														
144	145		1		IS	G	M	C	2	5																						4616172	44	45	<.01	2	<1		
145	146		1		IS	G	M	K	2	5																														
146	147		1		IS	G	M	C	2	5																														
147	148		1		IS	G	M	C	2	5																														

HERALD RESOURCES LTD.
SCOTTSDALE PROJECT

DEPOSIT NAME Southern Cross HOLE No. SCR2R

CODED BY NJT DATE 13·2·96

INTERVAL			LITHOLOGY						MINERALOGY																										ASSAYS						REMARKS
									ALTERATION/VEIN																			VIS. GOLD													
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	MnOX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
148	149	·	1		IS	G	M	C	2	5	✓																						4611	48 52	52 54	<0.01	1	<1.	
149	150	·	1		IS	G	M	C	2	5																															
150	151	·	1		IS	G	M	C	2	5																															
151	152	·	1		IS	G	M	C	2	5																															
152	153	·	1		IS	G	M	C	2	5																								4619	52	54	<0.01	1	<1.	
153	154	·	1		IS	G	M	C	2	5																															

13093

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	SOUTHERN CROIS	DRILL HOLE NO.	SCR 3R
COLLAR CO-	552338.2mE	RL	78.5m	GRID NAME	
ORDINATES	5465827.3	HOLDER	HERALD	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	WATERHOUSE
TENEMENT	EL 24/94			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	297°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	UDR650					
COMMENCED	7.10.95					
COMPLETED	7.10.95					
LOGGED BY	N.J. Turner					
LOGGING DATE	13.2.96					

113009

HERALD RESOURCES LTD.

SCOTTSDALE PROJECT

DEPOSIT NAME Southern Cross HOLE No. SCR3R

CODED BY NJT DATE 13:2:96

INTERVAL			LITHOLOGY							MINERALOGY																								ASSAYS						REMARKS
										ALTERATION/VEIN																			VIS. GOLD												
FROM	TO	RECOVERY	STRAT. SEQ	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
10	11	·	1		IS	G E	M	C	2	1																							3 B 2 3	0	4	<0.01	1	<1	
11	12	·	1		IS	G E	M	C	2	1																									·	·	·		·	
12	13	·	1		IS	G E	M	C	2	2																									·	·	·		·	
13	14	·	1		IS	F G	M	C	2	3																									·	·	·		·	
14	15	·	1		IS	F G	M	C	2	3	✓																							3 B 2 4	4	8	<0.01	1	<1	
15	16	·	1		IS	F G	M	C	2	3																									·	·	·		·	
16	17	·	1		IS	E G	M	C	2	4																									·	·	·		·	
17	18	·	1		IS	E G	M	C	2	4																									·	·	·		·	
18	19	·	1		IS	G	M	C	2	5																								3 B 2 5	8	12	<0.01	1	<1	
19	110	·	1		IS	E G	M	C	2	4																									·	·	·		·	
110	111	·	1		IS	G	M	C	2	5																									·	·	·		·	
111	112	·	1		IS	G	M	C	2	5																									·	·	·		·	
112	113	·	1		IS	E G	M	C	2	4																								3 B 2 6	12	16	<0.01	1	<1	
113	114	·	1		IS	E G	M	C	2	4																									·	·	·		·	
114	115	·	1		IS	G	M	C	2	5																									·	·	·		·	
115	116	·	1		IS	G	M	C	2	5																									·	·	·		·	
116	117	·	1		IS	G	M	C	2	5																								3 B 2 7	16	20	<0.01	1	<1	
117	118	·	1		IS	G	M	C	2	5																									·	·	·		·	
118	119	·	1		IS	G	M	C	2	5																									·	·	·		·	
119	120	·	1		IS	G	M	C	2	5																									·	·	·		·	
120	121	·	1		LS	G	M	C	2	5																								3 B 2 8 10	20	24	<0.01	2	<1	
121	122	·	1		LS	G	M	C	2	5																									·	·	·		·	
122	123	·	1		IS	G	M	C	2	5																									·	·	·		·	
123	124	·	1		IS	G	M	C	2	5																									·	·	·		·	

HERALD RESOURCES LTD
SCOTTSDALE PROJECT

DEPOSIT NAME Southern Cross HOLE No. SCRSR
CODED BY NJT DATE 13.2.96

INTERVAL FROM	INTERVAL TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE	VIS. GOLD TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	REMARKS
24.	25.		1		S	G	MC	2	5																					38999	24.	28	<.01	1	<1.	
25.	26.		1		S	G	MC	2	5																											
26.	27.		1		S	EG	MC	2	5																											
27.	28.		1		S	EG	MC	2	5																											
28.	29.		1		S	EG	MC	2	5																					39000	28.	32	.02	1	<1.	
29.	30.		1		LS	G	MC	1	5	T																										
30.	31.		1		LS	G	MC	1	5			T																								
31.	32.		1		LS	G	MC	1	5																											
32.	33.		1		LS	EG	MC	1	5																					39001	32	36	<.01	1	<1.	
33.	34.		1		S	G	MC	2	5	✓																										
34.	35.		1		S	G	MC	2	5																											
35.	36.		1		S	G	MC	2	5																											
36.	37.		1		S	G	MC	2	5																					39002	36	40	<.01	1	<1.	
37.	38.		1		LS	G	MC	1	5																											
38.	39.		1		L	G	VC	1	5			✓																								
39.	40.		1		LS	G	MC	1	5																											
40.	41.		1		S	G	MC	2	5																					39003	40	44	<.01	1	<1.	
41.	42.		1		LS	G	MC	1	5																											
42.	43.		1		LS	G	MC	1	5																											
43.	44.		1		S	G	MC	2	5																											
44.	45.		1		LS	G	MC	1	5																					39004	44	48	<.01	2	<1.	
45.	46.		1		LS	G	MC	1	5																											
46.	47.		1		LS	GG	MC	1	4																											
47.	48.		1		LS	G	MC	1	5																											

HERALD RESOURCES LTD
SCOTTSDALE PROJECT

DEPOSIT NAME Southern Cross HOLE No. SCR 3R

CODED BY NJT DATE 13-2-96

INTERVAL			LITHOLOGY							MINERALOGY ALTERATION/VEIN															VIS. GOLD					ASSAYS						REMARKS
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	MnOX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE	TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO ASSAYS	SILVER g/t	REMARKS
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68–87
48.	49.		1		LS	G	MC	1	5																					3005	48	52	<0.1	1	<1.	
49.	50.		1		S	G	MC	2	5																											
50.	51.		1		S	G	MC	2	5																											
51.	52.		1		S	G	MC	2	5																											
52.	53.		1		S	G	MC	2	5																					3006	52	54				NO ASSAY
53.	54.		1		S	G	MC	2	5	✓																										NO ASSAY

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	SOUTHERN CROSS	DRILL HOLE NO.	SCR 4 R
COLLAR CO-	551380·1m E	RL	76·3	GRID NAME	
ORDINATES	5465805·1m N	HOLDER	HERALD	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	WATERHOUSE
TENEMENT	EL 24/94			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	297°T ~~(Mag.)~~				
	(Grid)				

OBJECTIVES/RESULTS/COMMENTS: TEST QUARTZ VEIN LODES AND COUNTRY ROCK.

COLLAR INCLINATION	50°					DOWN-HOLE SURVEY RESULTS (Mag//Grid)
TOTAL LENGTHS	52 m	DRILLING TYPE	FROM	TO	HOLE/CORE DIAM	
DRILLING CONTRACTOR	DIAMOND DRILLING TAS. P/L	RC	0	52	4 inch	
RIG TYPE	UDR 650					
COMMENCED	8·10·95					
COMPLETED	8·10·95					
LOGGED BY	N.J. Turner					
LOGGING DATE	14·2·95					

713100

HERALD RESOURCES LTD
SCOTTSDALE PROJECT

DEPOSIT NAME Southern Cross HOLE No. SCR 14 R

CODED BY N.S.T DATE 14.2.96

INTERVAL			LITHOLOGY						MINERALOGY																							ASSAYS						REMARKS
									ALTERATION/VEIN																	VIS. GOLD												
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE					TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14	15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66	67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
10	11		3		R	IN		4	0																								45821	0	4	<0.01	1	<1	
11	12		0		R	F		4	0																															
12	13		1		S	F	M	C	2	0	✓																													
13	14		1		S	FK	M	C	2	3																														
14	15		1		S	FK	M	C	2	3	T																							45821	4	8	<0.01	2	<1	
15	16		1		S	E	G	M	C	2	4	T																												
16	17		1		S	E	K	M	C	2	4																													
17	18		1		LS	E	G	M	C	1	4																													
18	19		1		S		G	M	C	2	5																							40017	8	9	<0.01	1	<1	
19	110		1		S		G	M	C	2	5																							40018	9	10	<0.01	1	<1	
110	111		1		S		G	M	C	2	5																							40019	10	11	<0.01	1	<1	
111	112		1		LS		G	M	C	1	5																							40110	11	12	<0.01	1	<1	
112	113		1		S		G	M	C	2	5																							40111	12	13	<0.01	1	<1	
113	114		1		LS	E	G	M	C	1	4																							40112	13	14	0.01	1	2	
114	115		1		S		G	M	C	2	5																							40113	14	15	<0.01	1	<1	
115	116		1		S		G	M	C	2	5	I									✓													40114	15	16	0.67	1	5	
116	117		1		S		G	M	C	2	5		✓																					40115	16	17	0.02	1	<1	
117	118		1		S		G	M	C	2	5		✓																					40116	17	18	0.02	1	<1	
118	119		1		S		G	M	C	2	5																							40117	18	19	0.01	1	2	
119	120		1		LS		G	M	C	1	5																							40118	19	20	0.01	2	<1	
120	121		1		LS		G	M	C	1	5																							45813	20	21	<0.01	1	<1	
121	122		1		LS		K	M	C	1	5																													
122	123		1		S	E	K	M	C	2	4																													
123	124		1		S		G	M	C	2	5	T																												

T1 T2 T3 T4

HERALD RESOURCES LTD.
SCOTTSDALE PROJECT

DEPOSIT NAME Southern Cross HOLE No. SCR4R

CODED BY NST DATE 14.2.96

INTERVAL			LITHOLOGY						MINERALOGY																						ASSAYS						REMARKS
									ALTERATION/VEIN																	VIS. GOLD												
FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE			TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO ASSAYS	SILVER g/t	
1 2 3 4 5	6 7 8 9 10	11 12 13	14 15 16	17 18	19 20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49 50 51 52	53 54 55	56 57 58	59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
24	25		1		S	G M	C	2	5																						4524	28	<0.01	1	<1	
25	26		1		S	G M	C	2	5	✓																											
26	27		1		S	G M	C	2	5	✓																											
27	28		1		S	G M	C	2	5																												
28	29		1		S	G M	C	2	5																						4528	32	<0.01	1	<1	
29	30		1		S	G M	C	2	5																												
30	31		1		S	G M	C	2	5																												
31	32		1		S	G M	C	2	5																												
32	33		1		LS	G M	C	1	5																						4532	36	<0.01	1	<1	
33	34		1		S	E G M	C	2	4																												
34	35		1		S	G M	C	2	5																												
35	36		1		LS	G M	C	1	5																												
36	37		1		LS	G M	C	1	5																						4536	40	<0.01	1	<1	
37	38		1		S	G M	C	2	5																												
38	39		1		S	G M	C	2	5																												
39	40		1		S	G M	C	2	5																												
40	41		1		LS	G M	C	1	5																						4588	40	44	<0.01	1	<1	
41	42		1		LS	G M	C	1	5																												
42	43		1		LS	G M	C	1	5																												
43	44		1		S	G M	C	2	5										T																		
44	45		1		S	G M	C	2	5																						4544	48	<0.01	1	<1	
45	46		1		S	E G M	C	2	4	T																											
46	47		1		S	E G M	C	2	4	T																											
47	48		1		S	E G M	C	2	4	T																											

HERALD RESOURCES LTD
SCOTTSDALE PROJECT

DEPOSIT NAME Southern Cross HOLE No. SCR4R

CODED BY NJT DATE 14.2.96

INTERVAL FROM (1-5)	INTERVAL TO (6-10)	RECOVERY (11-13)	STRAT. SEQ (14)	ROCK UNIT (15-16)	ROCK TYPE (17-18)	COLOUR (19-20)	TEXTURE (21-22)	GRAIN SIZE (23)	WEATHERING (24)	QUARTZ 1 (25)	QUARTZ 2 (26)	QUARTZ 3 (27)	QUARTZ 4 (28)	CHLORITE (29)	MICA (30)	CARBONATE (31)	LIMONITE (32)	Mn-OX (33)	PYRITE (34)	PYRRHOTITE (35)	ARSENOPYRITE (36)	CHALCOPYRITE (37)	GALENA (38)	SPHALERITE (39)	(40)	(41)	(42)	(43)	VIS. GOLD TYPE (44)	VIS. GOLD FREQUENCY (45)	TYPE (46)	FREQUENCY (47)	BLEACHING (48)	SAMPLE NUMBER (49-52)	ASSAYS FROM (53-55)	ASSAYS TO (56-58)	GOLD g/t (59-62)	NO. ASSAYS (63)	SILVER g/t (64-67)	REMARKS (68-87)
48.	49.	.	1		LS	GM	C	1	S			E																						4590	48.	52	.01	1	<1.	
49.	50.	.	1		LS	GM	C	1	S	✓									✓		✓														.	.	.		.	
50	51.	.	1		S	GM	C	2	S																											.	.		.	
51.	52.	.	1		LS	GM	C	1	S																						.	.	.		.	
52.	53.	.																																4591	48.	52	.02	1	<1.	
53.	54	.																																	.	.	.		.	

71303

APPENDIX 6:

ANALYTICAL DATA FOR DRILL HOLES

Analyst:

Analabs Pty Ltd
14 Thirkell Street
Cooee
Tasmania 7320

APPENDIX 6 EL24/94

Analytical Data for Drill Holes.

Hole-id	Samp-id	Depth-from	Depth-to	Au-av	Au1	Au2	Au3	Ag
LYH001R	H4052	0	1	0.379	0.379			1
LYH001R	H4053	1	2	0.039	0.041		0.037	1
LYH001R	H4054	2	3	0.022	0.022			1
LYH001R	H4055	3	4	0.054	0.054			1
LYH001R	H4056	4	5	0.093	0.093			1
LYH001R	H4057	5	6	0.021	0.021			1
LYH001R	H4058	6	7	0.044	0.044			2
LYH001R	H4059	7	8	0.008	0.008			1
LYH001R	H4060	8	9	0.0145	0.011	0.018		2
LYH001R	H4061	9	10	-0.008	-0.008			1
LYH001R	H4062	10	11	-0.008	-0.008			1
LYH001R	H4063	11	12	0.009	0.009			1
LYH001R	H4064	12	13	-0.008	-0.008			1
LYH001R	H4065	13	14	-0.008	-0.008			1
LYH001R	H4066	14	15	0.008	0.008			2
LYH001R	H4067	15	16	0.019	0.019			2
LYH001R	H4068	16	17	0.047	0.047			2
LYH001R	H4069	17	18	0.051	0.051			2
LYH001R	H4070	18	19	0.029	0.029			1
LYH001R	H4071	19	20	0.018	0.018			2
LYH001R	H4072	20	21	-0.008	-0.008			1
LYH001R	H4073	21	22	-0.008	-0.008			2
LYH001R	H4074	22	23	-0.008	-0.008			1
LYH001R	H4075	23	24	-0.008	-0.008			1
LYH001R	H4076	24	25	-0.008	-0.008			2
LYH001R	H4077	25	26	-0.008	-0.008			2
LYH001R	H4078	26	27	0.009	0.009			2
LYH001R	H4079	27	28	-0.008	-0.008			2
LYH001R	H4080	28	29	-0.008	-0.008			2
LYH001R	H4081	29	30	-0.008	-0.008			2
LYH001R	H4082	30	31	-0.008	-0.008			2
LYH001R	H4083	31	32	-0.008	-0.008			1
LYH001R	H4512	32	36	-0.008	-0.008			-1
LYH001R	H4513	36	40	-0.008	-0.008		-0.008	-1
LYH001R	H4514	40	44	-0.008	-0.008			-1
LYH001R	H4515	44	48	-0.008	-0.008			-1
LYH001R	H4516	48	52	-0.008	-0.008			-1
LYH001R	H4517	52	54	-0.008	-0.008			-1
LYH002R	H4106	0	1	0.61	0.61			-1
LYH002R	H4107	1	2	0.295	0.295			-1
LYH002R	H4108	2	3	0.561	0.561			-1
LYH002R	H4109	3	4	0.717	0.717			-1

LYH002R	H4110	4	5	0.179	0.179			1
LYH002R	H4111	5	6	0.2795	0.271		0.288	-1
LYH002R	H4112	6	7	0.209	0.209			-1
LYH002R	H4114	8	9	0.293	0.293			-1
LYH002R	H4115	9	10	0.077	0.077			-1
LYH002R	H4116	10	11	0.071	0.071			-1
LYH002R	H4117	11	12	0.11	0.11			-1
LYH002R	H4118	12	13	0.0585	0.062	0.055		-1
LYH002R	H4119	13	14	0.06	0.06			-1
LYH002R	H4120	14	15	0.034	0.034			1
LYH002R	H4121	15	16	0.037	0.037			-1
LYH002R	H4122	16	17	0.017	0.017			1
LYH002R	H4123	17	18	-0.008	-0.008			-1
LYH002R	H4124	18	19	0.008	0.008			-1
LYH002R	H4125	19	20	-0.008	-0.008			-1
LYH002R	H4126	20	21	-0.008	-0.008			-1
LYH002R	H4127	21	22	-0.008	-0.008			-1
LYH002R	H4128	22	23	-0.008	-0.008	-0.008		-1
LYH002R	H4129	23	24	-0.008	-0.008			-1
LYH002R	H4130	24	25	0.042	0.042			-1
LYH002R	H4131	25	26	0.01	0.01			-1
LYH002R	H4132	26	27	-0.008	-0.008			-1
LYH002R	H4133	27	28	0.008	0.008			-1
LYH002R	H4134	28	29	-0.008	-0.008			-1
LYH002R	H4135	29	30	0.011	0.011			-1
LYH002R	H4136	30	31	0.008	0.008		0.008	-1
LYH002R	H4137	31	32	-0.008	-0.008			-1
LYH002R	H4138	32	33	-0.008	-0.008			-1
LYH002R	H4139	33	34	-0.008	-0.008			-1
LYH002R	H4140	34	35	-0.008	-0.008			-1
LYH002R	H4141	35	36	0.008	0.008			-1
LYH002R	H4142	36	37	-0.008	-0.008			-1
LYH002R	H4143	37	38	-0.008	-0.008	-0.008		-1
LYH002R	H4144	38	39	-0.008	-0.008			-1
LYH002R	H4145	39	40	-0.008	-0.008			-1
LYH002R	H4146	40	41	-0.008	-0.008			-1
LYH002R	H4147	41	42	-0.008	-0.008			-1
LYH002R	H4148	42	43	-0.008	-0.008			-1
LYH002R	H4149	43	44	-0.008	-0.008			-1
LYH002R	H4150	44	45	0.008	0.008			-1
LYH002R	H4151	45	46	-0.008	-0.008			-1
LYH002R	H4152	46	47	-0.008	-0.008			-1
LYH002R	H4153	47	48	-0.008	-0.008	-0.008		-1
LYH002R	H4154	48	49	-0.008	-0.008			-1
LYH002R	H4155	49	50	0.009	0.009			-1
LYH002R	H4156	50	51	0.008	0.008			-1
LYH002R	H4157	51	52	-0.008	-0.008			-1

LYH002R	H4158	52	53	0.01	0.01			-1
LYH002R	H4159	53	54	-0.008	-0.008			-1
LYH003R	H4523	0	4	0.008	0.008			-1
LYH003R	H4524	4	8	-0.008	-0.008			-1
LYH003R	H4525	8	10	-0.008	-0.008			-1
LYH003R	H4170	10	11	-0.008	-0.008			-1
LYH003R	H4171	11	12	0.014	0.014			-1
LYH003R	H4172	12	13	0.009	0.009			-1
LYH003R	H4173	13	14	-0.008	-0.008			-1
LYH003R	H4174	14	15	-0.008	-0.008		-0.008	-1
LYH003R	H4175	15	16	-0.008	-0.008			-1
LYH003R	H4176	16	17	-0.008	-0.008			-1
LYH003R	H4177	17	18	-0.008	-0.008			-1
LYH003R	H4178	18	19	0.013	0.016	0.01		1
LYH003R	H4179	19	20	0.01	0.01			1
LYH003R	H4180	20	21	0.012	0.012			-1
LYH003R	H4181	21	22	0.047	0.047			1
LYH003R	H4182	22	23	0.011	0.011			-1
LYH003R	H4183	23	24	0.01	0.01			-1
LYH003R	H4184	24	25	0.009	0.009			-1
LYH003R	H4185	25	26	-0.008	-0.008			-1
LYH003R	H4186	26	27	0.012	0.012			1
LYH003R	H4187	27	28	0.01	0.01			-1
LYH003R	H4188	28	29	0.011	0.011	-0.008		-1
LYH003R	H4189	29	30	0.008	0.008			-1
LYH003R	H4190	30	31	0.01	0.01			1
LYH003R	H4191	31	32	0.009	0.009			-1
LYH003R	H4192	32	33	-0.008	-0.008			1
LYH003R	H4193	33	34	-0.008	-0.008			-1
LYH003R	H4194	34	35	0.011	0.011			1
LYH003R	H4195	35	36	0.008	0.008		0.008	1
LYH003R	H4196	36	37	-0.008	-0.008			-1
LYH003R	H4197	37	38	0.011	0.011			-1
LYH003R	H4198	38	39	0.023	0.023	-0.008	-0.008	-1
LYH003R	H4199	39	40	-0.008	-0.008			1
LYH003R	H4526	40	44	-0.008	-0.008			-1
LYH003R	H4527	44	48	-0.008	-0.008			-1
LYH003R	H4528	48	52	-0.008	-0.008			-1
LYH003R	H4529	52	54	-0.008	-0.008			-1
LYH004R	H4530	0	4	-0.008	-0.008			-1
LYH004R	H4531	4	8	-0.008	-0.008	-0.008		-1
LYH004R	H4122	8	9	0.017	0.017			1
LYH004R	H4123	9	10	-0.008	-0.008			-1
LYH004R	H4124	10	11	0.008	0.008			-1
LYH004R	H4125	11	12	-0.008	-0.008			-1
LYH004R	H4126	12	13	-0.008	-0.008			-1
LYH004R	H4127	13	14	-0.008	-0.008			-1
LYH004R	H4128	14	15	-0.008	-0.008	-0.008		-1

LYH004R	H4129	15	16	-0.008	-0.008			-1
LYH004R	H4130	16	17	0.042	0.042			-1
LYH004R	H4131	17	18	0.01	0.01			-1
LYH004R	H4132	18	19	-0.008	-0.008			-1
LYH004R	H4133	19	20	0.008	0.008			-1
LYH004R	H4532	20	24	0.0685	0.053	0.084		-1
LYH004R	H4533	24	28	0.008	0.008			-1
LYH004R	H4534	28	32	-0.008	-0.008			-1
LYH004R	H4535	32	36	-0.008	-0.008			-1
LYH004R	H4536	36	40	-0.008	-0.008			-1
LYH004R	H4537	40	42	-0.008	-0.008			-1
LYH004R	H4156	42	43	0.008	0.008			-1
LYH004R	H4157	43	44	-0.008	-0.008			-1
LYH004R	H4158	44	45	0.01	0.01			-1
LYH004R	H4159	45	46	-0.008	-0.008			-1
LYH004R	H4160	46	47	0.014	0.014	-0.008	-0.008	-1
LYH004R	H4161	47	48	0.013	0.013			-1
LYH004R	H4162	48	49	0.016	0.016			1
LYH004R	H4163	49	50	0.018	0.018			-1
LYH004R	H4164	50	51	0.017	0.017			-1
LYH004R	H4165	51	52	0.011	0.011			-1
LYH004R	H4166	52	53	0.013	0.013			-1
LYH004R	H4167	53	54	0.02	0.02			-1
LYH004R	H4168A	54	55	0.009	0.009			-1
LYH004R	H4169A	55	56	0.014	0.014			1
LYH004R	H4538	56	58	-0.008	-0.008			-1
LYH005R	H4553	0	4	0.012	0.012			-1
LYH005R	H4554	4	8	0.021	0.021			-1
LYH005R	H4555	8	12	0.012	0.012			-1
LYH005R	H4556	12	16	0.0105	0.009	0.012		-1
LYH005R	H4557	16	20	0.013	0.013			-1
LYH005R	H4558	20	24	0.011	0.011			-1
LYH005R	H4559	24	28	0.015	0.015			-1
LYH005R	H4560	28	32	0.014	0.014			-1
LYH005R	H4561	32	36	0.016	0.016			-1
LYH005R	H4562	36	40	-0.008	-0.008			-1
LYH005R	H4563	40	44	-0.008	-0.008			-1
LYH005R	H4564	44	48	-0.008	-0.008			-1
LYH005R	H4565	48	52	-0.008	-0.008			-1
LYH005R	H4566	52	54	-0.008	-0.008			-1
LYH006R	H4567	0	4	-0.008	-0.008		-0.008	-1
LYH006R	H4568	4	8	-0.008	-0.008			-1
LYH006R	H4569	8	12	-0.008	-0.008			-1
LYH006R	H4570	12	16	-0.008	-0.008			-1
LYH006R	H4571	16	20	-0.008	-0.008	-0.008		-1
LYH006R	H4572	20	24	-0.008	-0.008			-1
LYH006R	H4573	24	28	-0.008	-0.008			-1
LYH006R	H4574	28	32	-0.008	-0.008			-1

LYH006R	H4575	32	36	-0.008	-0.008			-1
LYH006R	H4576	36	40	-0.008	-0.008			-1
LYH006R	H4577	40	44	-0.008	-0.008			-1
LYH006R	H4578	44	48	-0.008	-0.008			-1
LYH006R	H4579	48	52	-0.008	-0.008			-1
LYH006R	H4580	52	54	-0.008	-0.008			-1
LYH007R	H4498	0	4	0.008	0.008			-1
LYH007R	H4499	4	8	-0.008	-0.008			-1
LYH007R	H4500	8	12	-0.008	-0.008			-1
LYH007R	H4501	12	16	-0.008	-0.008			-1
LYH007R	H4502	16	20	-0.008	-0.008			-1
LYH007R	H4503	20	24	-0.008	-0.008			-1
LYH007R	H4504	24	28	-0.008	-0.008			-1
LYH007R	H4505	28	32	-0.008	-0.008			-1
LYH007R	H4308	32	33	-0.008	-0.008			-1
LYH007R	H4309	33	34	-0.008	-0.008			-1
LYH007R	H4310	34	35	-0.008	-0.008			-1
LYH007R	H4311	35	36	-0.008	-0.008			-1
LYH007R	H4312	36	37	-0.008	-0.008			-1
LYH007R	H4313	37	38	-0.008	-0.008			-1
LYH007R	H4314	38	39	-0.008	-0.008			-1
LYH007R	H4315	39	40	-0.008	-0.008			-1
LYH007R	H4316	40	41	-0.008	-0.008			-1
LYH007R	H4317	41	42	-0.008	-0.008			-1
LYH007R	H4318	42	43	-0.008	-0.008			-1
LYH007R	H4319	43	44	-0.008	-0.008	-0.008		-1
LYH007R	H4320	44	45	-0.008	-0.008			-1
LYH007R	H4321	45	46	-0.008	-0.008			-1
LYH007R	H4322	46	47	-0.008	-0.008			-1
LYH007R	H4323	47	48	-0.008	-0.008			-1
LYH007R	H4324	48	49	-0.008	-0.008		-0.008	-1
LYH007R	H4325	49	50	-0.008	-0.008			-1
LYH007R	H4326	50	51	-0.008	-0.008			-1
LYH007R	H4327	51	52	-0.008	-0.008			-1
LYH007R	H4328	52	53	-0.008	-0.008			-1
LYH007R	H4329	53	54	-0.008	-0.008			-1
LYH007R	H4330	54	55	-0.008	-0.008			-1
LYH007R	H4331	55	56	-0.008	-0.008			-1
LYH007R	H4332	56	57	-0.008	-0.008			-1
LYH007R	H4333	57	58	-0.008	-0.008			-1
LYH007R	H4334	58	59	-0.008	-0.008			-1
LYH007R	H4334A	59	60	-0.008	-0.008			-1
LYH008R	H4336	0	1	-0.008	-0.008			-1
LYH008R	H4337	1	2	-0.008	-0.008			-1
LYH008R	H4338	2	3	-0.008	-0.008			-1
LYH008R	H4339	3	4	-0.008	-0.008			-1
LYH008R	H4340	4	5	-0.008	-0.008			-1

LYH008R	H4341	5	6	-0.008	-0.008			-1
LYH008R	H4342	6	7	-0.008	-0.008			-1
LYH008R	H4343	7	8	-0.008	-0.008			-1
LYH008R	H4344	8	9	-0.008	-0.008	-0.008		-1
LYH008R	H4345	9	10	-0.008	-0.008			-1
LYH008R	H4346	10	11	-0.008	-0.008			-1
LYH008R	H4347	11	12	0.013	0.011		0.015	-1
LYH008R	H4348	12	13	-0.008	-0.008			-1
LYH008R	H4349	13	14	-0.008	-0.008			-1
LYH008R	H4350	14	15	-0.008	-0.008			-1
LYH008R	H4351	15	16	-0.008	-0.008			-1
LYH008R	H4352	16	17	-0.008	-0.008			-1
LYH008R	H4353	17	18	-0.008	-0.008			-1
LYH008R	H4354	18	19	-0.008	-0.008	-0.008		-1
LYH008R	H4355	19	20	0.029	0.029			-1
LYH008R	H4356	20	21	-0.008	-0.008			-1
LYH008R	H4357	21	22	-0.008	-0.008			-1
LYH008R	H4358	22	23	-0.008	-0.008			-1
LYH008R	H4359	23	24	-0.008	-0.008			-1
LYH008R	H4360	24	25	-0.008	-0.008			-1
LYH008R	H4361	25	26	-0.008	-0.008			-1
LYH008R	H4362	26	27	-0.008	-0.008			-1
LYH008R	H4363	27	28	-0.008	-0.008			-1
LYH008R	H4364	28	29	-0.008	-0.008			-1
LYH008R	H4365	29	30	-0.008	-0.008		-0.008	-1
LYH008R	H4366	30	31	0.01	0.01			-1
LYH008R	H4367	31	32	0.013	0.013			-1
LYH008R	H4506	32	36	-0.008	-0.008	-0.008		-1
LYH008R	H4507	36	40	-0.008	-0.008			-1
LYH008R	H4508	40	44	-0.008	-0.008			-1
LYH008R	H4509	44	48	-0.008	-0.008			-1
LYH008R	H4510	48	52	-0.008	-0.008			-1
LYH008R	H4511	52	54	-0.008	-0.008			-1
LYH009R	H4390	0	1	-0.008	-0.008			-1
LYH009R	H4391	1	2	0.008	0.008	-0.008		-1
LYH009R	H4392	2	3	-0.008	-0.008			-1
LYH009R	H4393	3	4	-0.008	-0.008			-1
LYH009R	H4394	4	5	-0.008	-0.008			-1
LYH009R	H4395	5	6	-0.008	-0.008			-1
LYH009R	H4396	6	7	-0.008	-0.008			-1
LYH009R	H4397	7	8	-0.008	-0.008			-1
LYH009R	H4518	8	12	-0.008	-0.008			-1
LYH009R	H4519	12	16	-0.008	-0.008			-1
LYH009R	H4520	16	20	-0.008	-0.008			-1
LYH009R	H4521	20	24	-0.008	-0.008	-0.008		-1
LYH009R	H4414	24	25	-0.008	-0.008			-1
LYH009R	H4415	25	26	-0.008	-0.008			-1

LYH009R	H4416	26	27	-0.008	-0.008			-1
LYH009R	H4417	27	28	0.0165	0.021	0.012		-1
LYH009R	H4418	28	29	-0.008	-0.008			-1
LYH009R	H4419	29	30	-0.008	-0.008			-1
LYH009R	H4420	30	31	-0.008	-0.008			-1
LYH009R	H4421	31	32	-0.008	-0.008		-0.008	-1
LYH009R	H4422	32	33	-0.008	-0.008			-1
LYH009R	H4423	33	34	-0.008	-0.008			-1
LYH009R	H4424	34	35	-0.008	-0.008			-1
LYH009R	H4425	35	36	-0.008	-0.008			-1
LYH009R	H4426	36	37	-0.008	-0.008		-0.008	-1
LYH009R	H4427	37	38	-0.008	-0.008			-1
LYH009R	H4428	38	39	0.016	0.016			-1
LYH009R	H4429	39	40	-0.008	-0.008			-1
LYH009R	H4430	40	41	-0.008	-0.008			-1
LYH009R	H4431	41	42	-0.008	-0.008			-1
LYH009R	H4432	42	43	-0.008	-0.008	-0.008		-1
LYH009R	H4433	43	44	-0.008	-0.008			-1
LYH009R	H4434	44	45	-0.008	-0.008			-1
LYH009R	H4435	45	46	-0.008	-0.008			-1
LYH009R	H4436	46	47	-0.008	-0.008			-1
LYH009R	H4437	47	48	-0.008	-0.008			-1
LYH009R	H4438	48	49	-0.008	-0.008			-1
LYH009R	H4439	49	50	-0.008	-0.008			-1
LYH009R	H4522	52	54	-0.008	-0.008			-1
LYH010R	H4539	0	4	-0.008	-0.008			-1
LYH010R	H4540	4	8	-0.008	-0.008			-1
LYH010R	H4541	8	12	-0.008	-0.008			-1
LYH010R	H4542	12	16	0.008	0.008		-0.008	-1
LYH010R	H4543	16	20	-0.008	-0.008			-1
LYH010R	H4544	20	24	-0.008	-0.008			-1
LYH010R	H4545	24	28	-0.008	-0.008		-0.008	-1
LYH010R	H4546	28	32	-0.008	-0.008	-0.008		-1
LYH010R	H4547	32	36	-0.008	-0.008			-1
LYH010R	H4548	36	40	-0.008	-0.008			-1
LYH010R	H4549	40	44	-0.008	-0.008			-1
LYH010R	H4550	44	48	-0.008	-0.008			-1
LYH010R	H4551	48	52	-0.008	-0.008			-1
LYH010R	H4552	52	54	-0.008	-0.008			-1
SCR001R	H4592	0	4	-0.008	-0.008	-0.008		-1
SCR001R	H4593	4	8	-0.008	-0.008			-1
SCR001R	H4594	8	12	-0.008	-0.008			-1
SCR001R	H4595	12	16	-0.008	-0.008			-1
SCR001R	H4596	16	20	-0.008	-0.008			-1
SCR001R	H3803	18	19	0.009	0.009			-1
SCR001R	H3804	19	20	0.013	0.013			-1
SCR001R	H3805	20	21	-0.008	-0.008			-1

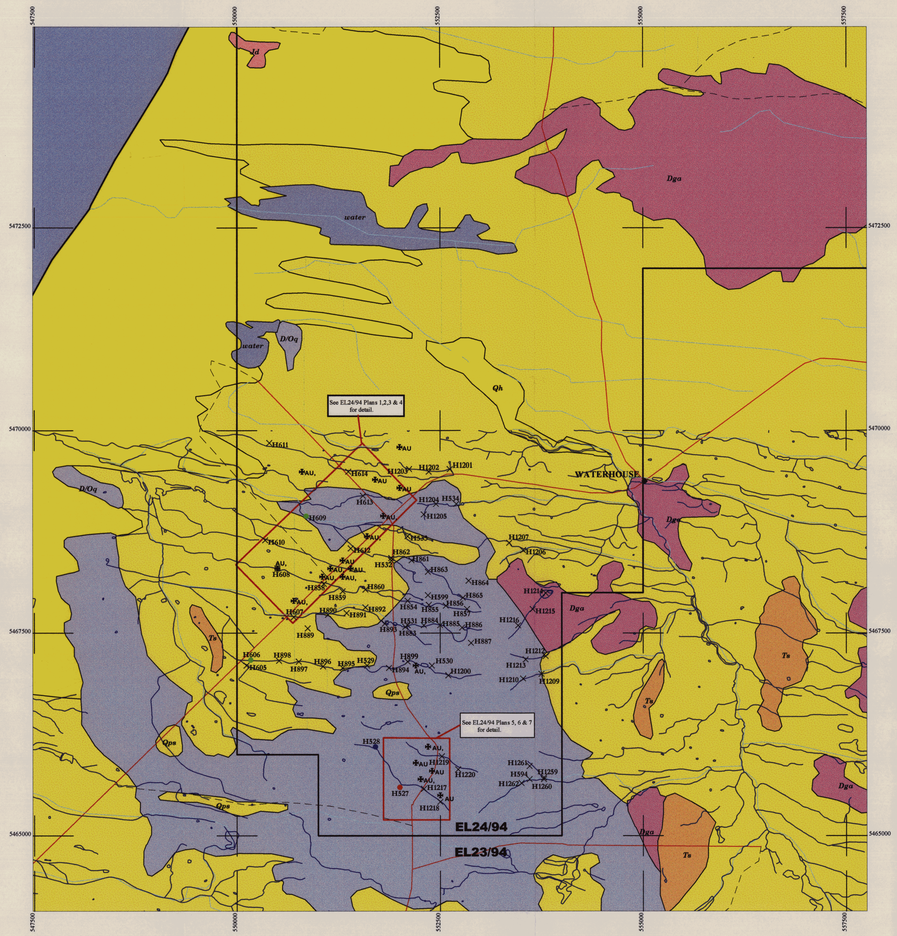
SCR001R	H4597	20	24	-0.008	-0.008			-1
SCR001R	H3806	21	22	0.052	0.052			-1
SCR001R	H4598	24	28	-0.008	-0.008			-1
SCR001R	H4599	28	32	-0.008	-0.008			-1
SCR001R	H4600	32	36	-0.008	-0.008			-1
SCR001R	H4601	36	40	-0.008	-0.008			-1
SCR001R	H4602	40	44	-0.008	-0.008	-0.008		-1
SCR001R	H4603	44	48	-0.008	-0.008			-1
SCR001R	H4604	48	52	-0.008	-0.008		-0.008	-1
SCR001R	H4605	52	54	-0.008	-0.008			-1
SCR002R	H4606	0	4	-0.008	-0.008			-1
SCR002R	H4607	4	8	-0.008	-0.008			-1
SCR002R	H4608	8	12	-0.008	-0.008			-1
SCR002R	H4609	12	16	-0.008	-0.008			-1
SCR002R	H4610	16	20	-0.008	-0.008			-1
SCR002R	H4611	20	24	-0.008	-0.008			-1
SCR002R	H3863	24	25	0.012	0.012			-1
SCR002R	H3864	25	26	-0.008	-0.008			-1
SCR002R	H3865	26	27	-0.008	-0.008	-0.008		-1
SCR002R	H3866	27	28	-0.008	-0.008			-1
SCR002R	H4612	24	28	-0.008	-0.008			-1
SCR002R	H3867	28	29	-0.008	-0.008			-1
SCR002R	H3868	29	30	0.009	0.009			-1
SCR002R	H4613	28	32	-0.008	-0.008			-1
SCR002R	H4614	32	36	-0.008	-0.008			-1
SCR002R	H4615	36	40	-0.008	-0.008			-1
SCR002R	H4616	40	44	-0.008	-0.008			-1
SCR002R	H4617	44	48	-0.008	-0.008	-0.008		-1
SCR002R	H4618	48	52	-0.008	-0.008			-1
SCR002R	H4619	52	56	-0.008	-0.008			-1
SCR003R	H3893	0	4	-0.008	-0.008			-1
SCR003R	H3894	4	8	-0.008	-0.008			-1
SCR003R	H3895	8	12	-0.008	-0.008			-1
SCR003R	H3896	12	16	-0.008	-0.008			-1
SCR003R	H3897	16	20	-0.008	-0.008			-1
SCR003R	H3898	20	24	-0.008	-0.008		-0.008	-1
SCR003R	H3899	24	28	-0.008	-0.008			-1
SCR003R	H3900	28	32	0.02	0.02			-1
SCR003R	H3901	32	36	-0.008	-0.008			-1
SCR003R	H3902	36	40	-0.008	-0.008			-1
SCR003R	H3903	40	44	-0.008	-0.008			-1
SCR003R	H3904	44	48	-0.008	-0.008	-0.008		-1
SCR003R	H3905	48	52	-0.008	-0.008			-1
SCR004R	H4581	0	4	-0.008	-0.008			-1
SCR004R	H4582	4	8	-0.008	-0.008		-0.008	-1
SCR004R	H4007	8	9	-0.008	-0.008			1
SCR004R	H4008	9	10	-0.008	-0.008			1

SCR004R	H4009	10	11	-0.008	-0.008			1
SCR004R	H4010	11	12	-0.008	-0.008			1
SCR004R	H4011	12	13	-0.008	-0.008			1
SCR004R	H4012	13	14	0.014	0.014			2
SCR004R	H4013	14	15	0.013	0.013			1
SCR004R	H4014	15	16	0.671	0.671			5
SCR004R	H4015	16	17	0.019	0.019			1
SCR004R	H4016	17	18	0.023	0.023			1
SCR004R	H4017	18	19	0.011	0.011			2
SCR004R	H4018	19	20	0.011	-0.008	0.011		1
SCR004R	H4583	20	24	-0.008	-0.008			-1
SCR004R	H4584	24	28	-0.008	-0.008			-1
SCR004R	H4585	28	32	-0.008	-0.008			-1
SCR004R	H4586	32	36	-0.008	-0.008			-1
SCR004R	H4587	36	40	-0.008	-0.008			-1
SCR004R	H4588	40	44	-0.008	-0.008			-1
SCR004R	H4589	44	48	-0.008	-0.008			-1
SCR004R	H4590	48	52	0.01	0.01			-1
SCR004R	H4591	52	54	0.02	0.02			-1
			Units	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
			Detec. Limits		**0.008**	**0.008**	**0.008**	**1**

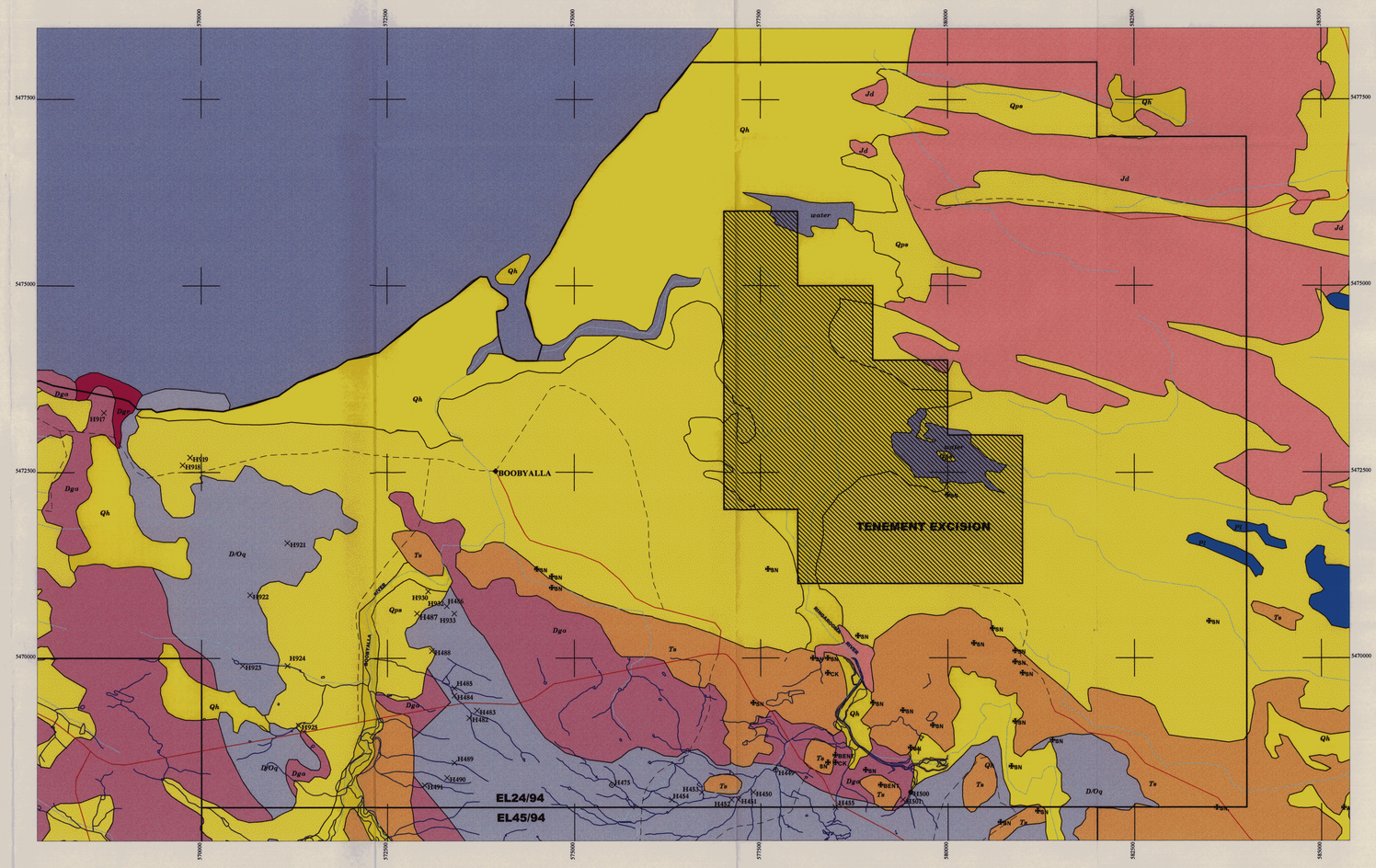
Any negative value indicates sample analysis below detection limits.

Hole-Id	Easting	Northing	Elev	Dip	Az	Depth
LYH001R	551456	5468948	29	-50	120	54
LYH002R	551483	5468982	37	-50	120	54
LYH003R	551464	5468994	32.3	-50	120	54
LYH004R	551511	5469034	36.8	-50	120	58
LYH005R	551460	5469097	32.1	-50	203	54
LYH006R	551388	5469132	32.6	-50	202	54
LYH007R	551029	5468828	30.1	-50	112	60
LYH008R	550998	5468765	28	-50	111	54
LYH009R	550740	5468465	25.8	-50	130	54
LYH010R	550793	5468527	28.1	-50	130	54
SCR001R	552208	5465702	74.8	-50	297	54
SCR002R	552282	5465684	72.1	-50	297	54
SCR003R	552338	5465827	73.5	-50	297	54
SCR004R	552380	5465805	76.3	-50	297	54

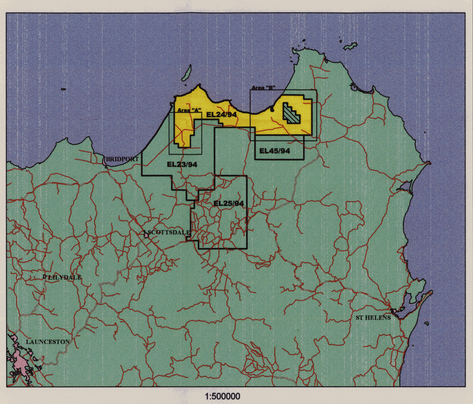
Area "A"

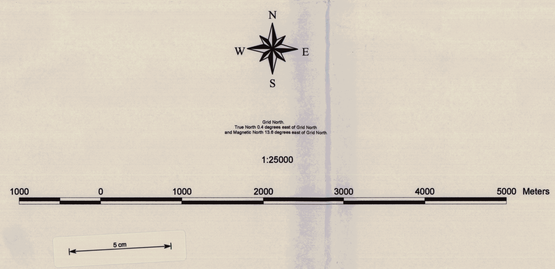


Area "B"



LOCATION MAP





LEGEND

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

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

SN — Mine and its major commodity (Mirloch dataset).

Locality (Auslig 250k data).

Primary road.

Secondary road.

Minor road. (Auslig 250k data).

Track - other roads.

Watercourse (Land Information Bureau 25k data).

Watercourse (Auslig 250k 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.
PERMIAN	Pl	Sandstone.
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.

Geology and Mirloch data courtesy of Mineral Resources Tasmania from the 1:250,000 Northeast sheet.
Data covering cultural features (roads and localities) courtesy of Auslig 1:250,000 series sheet K5521.
Drainage from Tasmanian Land Information Bureau 1:25,000 series sheets 5444, 5445, 5644 and 5645.
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
EL24/94

AUTHOR	N.T.	PLAN No.	1
OPERATOR	N.J.M.	Arcview Project	el2494.apr
DATE	26-3-96	LAYOUT	1

713114

96-3858

ANNUAL REPORT 1994-95 BOOBYALLA EL 24/94
HERALD RESOURCES TURNER N J

WATERHOUSE GOLDFIELD

LYNDHURST AREA
SOUTH

5469000 m N

966 G — 10 ac — 24029 — TRENCHES — HOLE — HOLES — TRENCHES

959 G — 40 ac

512 G — 10 ac — FARM — ALLIANCE REEF — TRACK — OLD BATTERY SITE — TIMBERED SHAFT — VERTICAL TIMBERED ALLIANCE MAIN SHAFT — CAVED SHAFTS — 85° — 24001 — TRENCHES 24080

964 G

965 G — 20 ac — TRENCH — ROAD

CAVED SHAFTS

20 ac

794 G — 10 ac — 24003 — TRENCHES — 55° — HOPE WORKINGS — HOLE

TRENCHES

Lyndhurst Homestead

CAVED SHAFT 24012

CAVED SHAFT — HOLES — TRENCHES — 24030

651 G — 20 ac

795 G — 10 ac

Fence

SHAFT 6' TO WATER — TRENCH — TRENCH

677 G — 5 ac

TRENCH — 45° HOLE — TRENCH — SHALLOW SHAFT 67° — 68° — 75° — VERTICAL TIMBERED SHAFT 17' TO WATER — CAVED STOPES — RAILWAY REEF — 24007

25° SHALLOW CAVED SHAFT

1037 G — 10 ac — TRENCH

652 G — 10 ac

656 G — 20 ac — Lowly Homestead

655 G — 20 ac — TRENCH

CAVED SHAFT 41' TO WATER — TRENCH — NEW MONARCH WKGS. 24011

SHAFT 35° — TRENCH — TRENCH

5468000 N

551000 E

WATERHOUSE — ROAD

5 cm

0 20 40 60 80 100 m

J. Blake
FIELD GEOLOGIST
1934

TRENCH

713115

96-3858

ANNUAL REPORT 1994-95 BOOBYALLA EL 24/94
HERALD RESOURCES TURNER N J

EL 24/94 BOOBYALLA	Plan No. 2
HERALD RESOURCES LTD.	
ALLIANCE & RAILWAY PROSPECTS LYNDHURST Reproduction of Blake (1934) showing AMG and current cultural features.	Date: Dec, 1995 Compiled: Nic Turner Drawn: Peter Nankivell Scale: 1:2000 (approx)
Contractor: N J. Turner Geological Services Pty Ltd.	

WATERHOUSE GOLDFIELD

LYNDHURST AREA

NORTH

SCALE

0 100 m

5 cm

TRENCHES A-E

TO WATERHOUSE HOMESTEAD

659 G 10 ac

TRENCHES

24031 SHAFT FALLEN IN

TRENCH

LAKES ENTRANCE ROAD

641 G 20 ac

TRENCH

TRENCHES

SHAFT

24032

SUNKEN STOPE

TIMBERED SHAFT. FULL OF WATER

SUNKEN SHAFT

TRENCH

650 G 20 ac

5469500 N

VERTICAL SHAFT 8' TO WATER

TRENCH

TRENCH

HOLE

24036

618 G 20 ac

649 G 20 ac

TRENCHES

24039

85°

TRENCH

644 G 20 ac

BLACKMANS LAGOON

ROAD

HOLE 2'

TRENCH

CALL WORKINGS

TRENCHES

CAVED SHAFT

HOLE

CAVED SHAFT

CAVED SHAFTS

SHALLOW SHAFT

24004

E

MARTIAL

TRENCH

CAVED STOPE

CAVED SHAFT

TRENCH

D

40 ac

959 G

TRENCH

FALLEN STOPE

TRENCH

CAVED SHAFT

FALLEN STOPE

B

REEF

24006

TO DAM

PIONEER MAIN SHAFT VERTICAL 22' TO WATER

SHAFT

CHANNEL

ADIT

PIONEER BATTERY SITE

CAVED SHAFT

OPEN CUT

OPEN CUT

OPEN CUT

A

PIONEER

I

C

TRACK

24006

TRENCHES

TRACK

W H WEBB PUR

LYNDHURST

J.T. GLENWRIGHT PUR.

TOWN RESERVE

648 G

20 ac

5469000

OCAVED SHAFT

642 G 20 ac

WATERHOUSE

647 G 20 ac

CART

Fence

24018

552000 E

713116

J Blake

FIELD GEOLOGIST

1934

EL 24/94 BOOBYALLA	Plan No. 3
HERALD RESOURCES LTD.	
PIONEER & MARTIAL CALL PROSPECTS, LYNDHURST Reproduction of Blake (1934) showing AMG, current cultural features and trenches A, B, C, D and E	Date: Dec., 1995
	Compiled: Nic Turner
	Drawn: Peter Nankivell
	Scale: 1:2000 (approx)
Contractor: N J. Turner Geological Services Pty. Ltd	

96-3858

ANNUAL REPORT 1994-95 BOOBYALLA EL 24/94
HERALD RESOURCES TURNER N J

Qs Quaternary wind-blown sand.

Collapsed stopes and old pits marking lodes.

•11·50 H1703 Soil sample point with BLEG Au (ppb., ppm. indicates fire assay Au) and sample number; 500gm. samples; Cu, Pb, Zn, As not shown; most samples from about 15cm. depth - brachets indicate about 45cm. depth.

—10— Contour marking 10ppb Au in soils.

LYH 10R Horizontal projection of RC percussion drill hole. Dip and depth shown.

DDH A1 Horizontal projection of diamond drill hole (see TCR 85-1951). Dip and depth shown.

A-E Costeans A, B, C, D and E.

Fence

NOTE: Soil sample positions are approximate. Base map derived from enlarged air photo with compass and tape surveying of soil sample lines.

DRILL HOLE POSITIONS AND ELEVATIONS

DRILL HOLE	EASTING	NORTHING	GEODETIC ALTITUDE
LYH1R	551456·8	5468948·9	29·0
LYH2R	551483·3	5468982·8	37·0
LYH3R	551464·5	5468934·0	32·3
LYH4R	551511·4	5469034·6	36·8
LYH5R	551460·2	5469097·0	32·1
LYH6R	551388·2	5469132·0	32·6
LYH7R	551029·0	5468828·6	30·1
LYH8R	550998·9	5468765·0	28·0
LYH9R	550740·5	5468465·4	25·8
LYH10R	550793·6	5468527·6	28·1

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

0 20 40 60 80 100 m.

5cm

DISTORTION IN MAP REFLECTED IN APPARENT DISPLACEMENT OF GPS POSITIONS OF DRILL HOLES

LYH9R 50° 54m

LYH10R 50° 54m

RAILWAY PROSPECT

ALLIANCE PROSPECT

HOPE PROSPECT

PIONEER PROSPECT

MARTIAL CALL PROSPECT

Area of old shafts and trenches

Area of old shafts and trenches

Scattered mullock and workings

Scattered old trenches

Lyndhurst Homestead

FARM ROAD

BLACKMANS LAGOON ROAD

LAKES ENTRANCE ROAD

H.E.C. TRANSMISSION LINE

WATER HOUSE ROAD

5469000m N

551000m E

552000m E

DDH A1 52° 92·46m

LYH 7R 90° 60m

LYH 8R 50° 54m

LYH 6R 50° 54m

LYH 5R 50° 54m

LYH 4R 50° 54m

LYH 3R A 50° 54m B 50° 54m

LYH 1R 50° 54m

LYH 2R 50° 54m

C D E

•14·00 H1918
•28·90 H1917
•68·90 H1916 (5·06 H1936)
•30·70 H1915 (6·60 H1935)
•11·50 H1703
•4·79 H1914 (6·34 H1934)
•7·02 H1702
•37·0 H1913 (27·80 H1933)
•94·20 H1701
•161·00 H1912 (6·31 H1932)
•22·30 H1931
•90·60 H1700
•20·30 H1699 (4·11 H1930)
•2·45 H1911
•<0·05 H1910
•0·26 H1909
•1·05 H1691
•0·87 H1908
•3·33 H1690
•2·78 H1689
•1·04 H1688
•7·40 H1687
•0·15 H1686
•0·69 H1685
•3·59 H1684
•0·74 H1683
Qs •0·07 H1682
Qs •0·10 H1681
Qs •0·05 H1680
Qs •0·19 H1679
•1·67 H1698
•4·26 H1697
•0·28 H1696A
•0·30 H1696
•0·41 H1695
•0·15 H1694
•0·50 H1693
•1·78 H1692
•1·92 H1821
•1·29 H1820
•2·22 H1819
•17·90 H1818
•2·86 H1817
•1·16 H1816
•0·90 H1815
•2·64 H1814
•0·83 H1813
•19·3 H1825 (6·80 H1929)
•1·86 H1824
•0·83 H1823
•0·43 H1822
•1·73 H1869
•0·80 H1868
•3·93 H1867
•1·98 H1866
•12·80 H1865
•4·41 H1864
•2·66 H1863
•1·16 H1862
•1·17 H1861
•0·36 H1733A
•0·41 H1731
•0·74 H1873
•0·85 H1733
•6·75 H1739
•0·65 H1745
•0·36 H1751
•2·64 H1757
•0·12 H1678
•2·14 H1730
•17·80 H1872
•6·29 H1732
•1·10 H1738
•2·97 H1744
•0·14 H1750
•0·11 H1756
•1·00 H1677
•44·40 H1871 (24·80 H1928)
•21·70 H1729 (4·68 H1927)
•0·16 ppm. H1455 (5·67 H1926)
•1·93 H1737
•3·56 H1743
•0·31 H1749
•0·95 H1755
•0·83 H1676
•8·85 H1728
•0·97 H1870
•164·00 H1453 (272·00 H1924)
•1·21 H1736
•4·32 H1742
•2·29 H1748
•1·38 H1754
•2·83 H1675
•325·00 H1452 (20·70 H1923)
•8·94 H1451
•10·00 H1735
•4·90 H1741
•0·43 H1747
•0·10 H1753
•10·00 H1450
•9·27 H1449
•26·60 H1734
•14·40 H1740
•2·63 H1746
•0·17 H1752
•4·33 H1448
•36·80 H1660
•145·00 H1447
•18·60 H1853
•6·22 H1846
•8·73 H1839
•3·53 H1832
•3·38 H1673
•28·16 H1446
•14·00 H1859
•6·82 H1445
•38·90 H1852
•3·99 H1845
•13·30 H1838
•10·40 H1831
•0·57 H1672
•9·06 H1444
•2·96 H1858
•2·69 H1443
•9·14 H1851
•2·97 H1844
•6·63 H1837
•7·74 H1830
•0·43 H1671
•1·11 H1442
•0·009 ppm. H1441
•0·68 H1860
•1·42 H1843
•3·46 H1836
•12·50 H1829
•0·48 H1670
•0·013 ppm H1440
•0·008 ppm H1439
•3·83 H1849
•4·27 H1842
•13·60 H1835
•2·90 H1828
•0·92 H1669
•<0·008 ppm H1438
•0·008 ppm H1437
•0·94 H1848
•3·03 H1841
•1·93 H1834
•2·14 H1827
•18·20 H1667
•<0·008 ppm H1436
•2·87 H1847
•0·86 H1840
•2·18 H1833
•9·44 H1826
•0·81 H1666
•1·48 H1704
•0·62 H1705
•0·12 H1674A
•0·31 H1674
•0·12 H1711
•0·19 H1710
•1·22 H1709
•8·17 H1708
•15·10 H1707
•2·83 H1706
Qs

1600N 1550N 1500N 1450N 1400N 1350N 1300N 1250N 1200N 1150N 1100N 1000N

500E 700E 800E 900E 1000E

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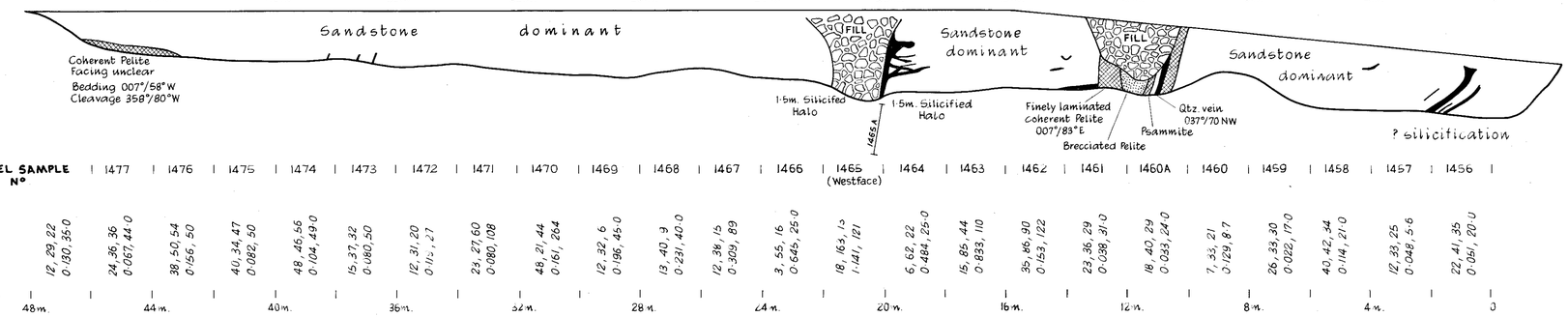
ANNUAL REPORT 1994-95 BOOBYALLA EL 24/94
HERALD RESOURCES TURNER N J

713117

EL 24/94 BOOBYALLA	Plan No: 4
HERALD RESOURCES LTD.	
LYNDHURST PROSPECT Trenches, soil chemistry, drill holes, GPS positions of drill holes	Date: Dec., 1995 Compiled: Nic. Turner Drawn: Peter Nankivell Scale: 1:2000
Contractor: N. J. Turner Geological Services Pty. Ltd.	

TRENCH A
Looking East

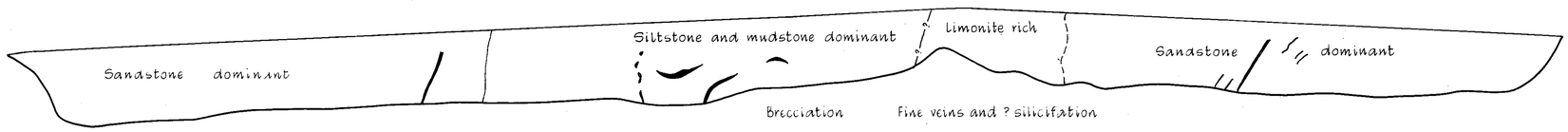


SAMPLE INTERVAL	44m.	40m	36m	32m.	28m.	24m.	20m.	16m.	12m.	8m.	4m.	0
	25, 35, 83 0·014, 125	20, 38, 59 0·015, 79	13, 30, 39 0·028, 98	10, 24, 39 0·015, 113	8, 25, 41 0·042, 137	10, 26, 46 0·044, 50·0	11, 31, 42 0·044, 167	14, 35, 47 0·037, 139	10, 36, 44 0·103, 65	12, 35, 49 0·046, 186	10, 30, 31 0·054, 71	6, 21, 23 0·052, 46·0	8, 22, 92 0·061, 198	9, 18, 18 0·062, 27·0	8, 33, 39 0·079, 49·0	17, 43, 47 0·092, 119	12, 37, 35 0·124, 113	23, 43, 46 0·117, 168	14, 50, 17 0·241, 73	6, 32, 13 0·129, 77	11, 38, 33 0·301, 17·0	19, 35, 91 0·155, 16·0	24, 36, 56 0·146, 19·0	11, 26, 28 0·093, 8·2

CHANNEL SAMPLE N°	1477	1476	1475	1474	1473	1472	1471	1470	1469	1468	1467	1466	1465 (Westface)	1464	1463	1462	1461	1460A	1460	1459	1458	1457	1456

SAMPLE INTERVAL	48m.	44m.	40m.	36m.	32m.	28m.	24m.	20m.	16m.	12m.	8m.	4m.	0
	12, 29, 22 0·130, 35·0	24, 36, 36 0·067, 44·0	38, 50, 54 0·156, 50	40, 34, 47 0·082, 50	48, 45, 56 0·104, 49·0	15, 37, 32 0·080, 50	12, 31, 20 0·115, 27	23, 27, 60 0·080, 108	48, 21, 44 0·161, 264	12, 32, 6 0·196, 45·0	13, 40, 9 0·231, 42·0	12, 36, 15 0·309, 89	3, 55, 16 0·645, 25·0	18, 163, 13 1·141, 121	6, 62, 22 0·484, 25·0	15, 85, 44 0·833, 110	35, 86, 90 0·153, 122	23, 36, 29 0·038, 31·0	18, 40, 29 0·033, 24·0	7, 33, 21 0·129, 8·7	26, 33, 30 0·022, 17·0	40, 42, 44 0·114, 21·0	12, 33, 25 0·048, 5·6	22, 41, 35 0·051, 20·0

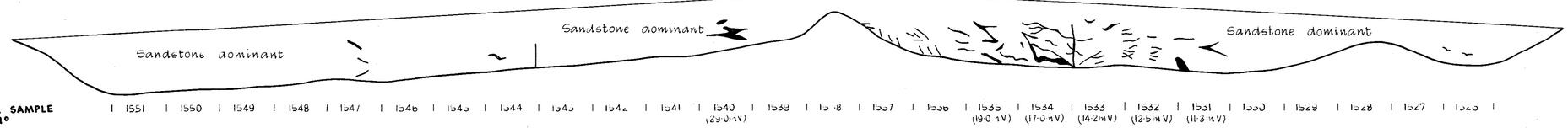
TRENCH B
Looning East



CHANNEL SAMPLE N°	1525	1524	1499	1498	1497	1496	1495	1494	1493	1492	1491	1490	1489	1488	1487	1486	1485	1484	1483	1482	1481	1480	1479	1478

SAMPLE INTERVAL	52m.	48m.	44m.	40m.	36m.	32m.	28m.	24m.	20m.	16m.	12m.	8m.	4m.	0
	59, 27, 52 0·008, 27·0	56, 29, 69 ND, 29·0	49, 25, 58 0·010, 33·0	20, 23, 36 0·009, 16·0	18, 27, 36 0·011, 16·0	17, 31, 44 ND, 15·0	10, 26, 30 ND, 13·0	10, 22, 31 ND, 19·0	11, 19, 36 ND, 24·0	14, 18, 29 0·008, 18·0	18, 30, 34 0·008, 19·0	6, 19, 22 0·016, 4·3	6, 18, 2 0·008, 2·2	5, 14, <2 0·012, 2·6	5, 14, <2 0·014, 3·8	6, 14, 9 0·015, 5·4	18, 15, 9 0·020, 6·3	9, 15, 7 0·021, 5·6	9, 14, 23 0·033, 5·0	11, 6, 14 0·017, 6·3	9, 12, 27 0·046, 6·2	23, 12, 63 0·014, 16·0	29, 25, 83 ND, 12·0	17, 28, 80 ND, 6·6	15, 27, 61 ND, 7·2	19, 32, 87 ND 10·0

TRENCH C
Looking North East

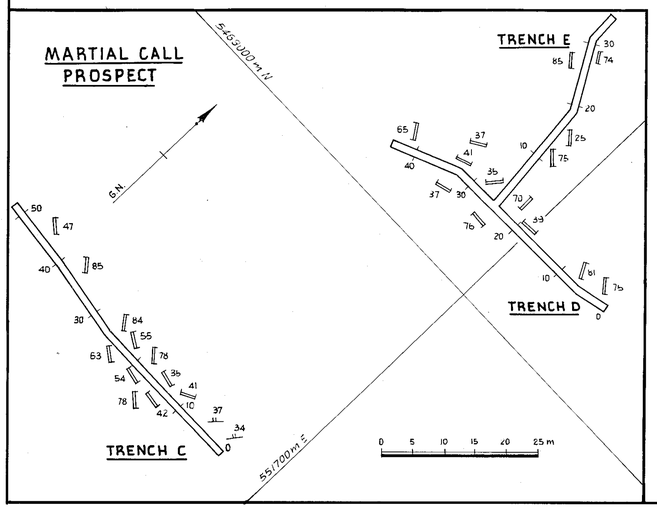


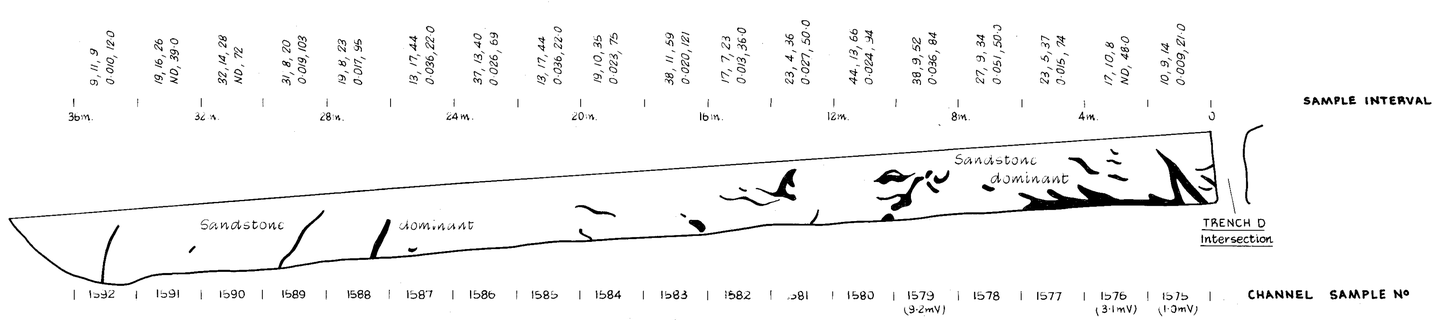
CHANNEL SAMPLE N°	1551	1550	1549	1548	1547	1546	1545	1544	1543	1542	1541	1540 (29·0 mV)	1539	1538	1537	1536	1535 (19·0 mV)	1534 (17·0 mV)	1533 (14·2 mV)	1532 (12·5 mV)	1531 (11·3 mV)	1530	1529	1528	1527	1526

SAMPLE INTERVAL	44m.	40m.	36m.	32m.	28m.	24m.	20m.	16m.	12m.	8m.	4m.	0
	33, 27, 45 0·008, 48·0	36, 28, 57 0·008, 50	41, 29, 55 0·012, 58	40, 33, 67 0·020, 48·0	31, 14, 50 0·011, 62	16, 10, 37 ND, 50	22, 17, 36 0·023, 50·0	27, 10, 42 0·012, 40·0	36, 10, 50 0·013, 50·0	17, 9, 35 0·019, 45·0	12, 10, 23 0·012, 37·0	11, 9, 14, 0·013, 36·0	5, 8, 8 0·017, 3·7	5, 14, 10 ND, 9·3	12, 13, 24 0·012, 41·0	17, 25, 28 0·008, 45·0	15, 22, 34 ND, 9·1	12, 20, 25 ND, 37·0	13, 26, 24 0·009, 33·0	13, 14, 25 ND, 21·0	6, 18, 20 ND, 14·0	5, 21, 16 ND, 9·2

CHANNEL SAMPLE N°	1574	1573	1572	1571	1570	1569	1568	1567	1566	1565 (24·3 mV)	1564 (22·5 mV)	1563 (20·9 mV)	1562 (18·6 mV)	1561 (17·6 mV)	1560	1559	1558	1557	1556	1554	1553	1552

MARTIAL CALL PROSPECT





SAMPLE INTERVAL	36m.	32m.	28m.	24m.	20m.	16m.	12m.	8m.	4m.	0
	9, 11, 9 0·010, 12·0	19, 16, 26 ND, 39·0	32, 14, 28 ND, 72	31, 8, 20 0·019, 103	19, 8, 23 0·017, 96	13, 17, 44 0·036, 22·0	37, 13, 40 0·026, 69	13, 17, 44 0·036, 22·0	19, 10, 35 0·023, 75	38, 11, 59 0·020, 121	17, 7, 23 0·013, 36·0	23, 4, 36 0·027, 50·0	44, 13, 66 0·024, 34	38, 9, 52 0·036, 84	27, 9, 34 0·051, 50·0	23, 5, 37 0·015, 74	17, 10, 8 ND, 48·0	10, 9, 14 0·009, 21·0

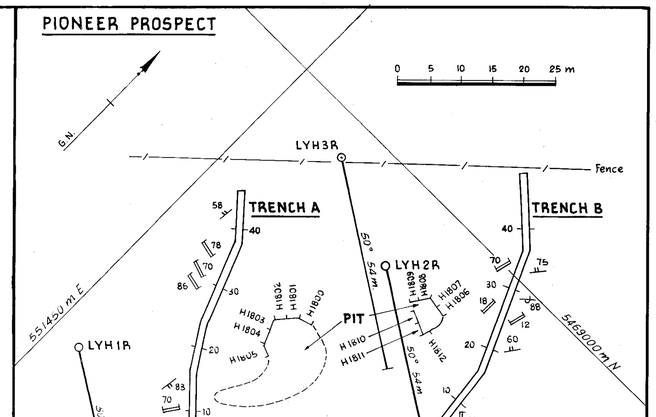
CHANNEL SAMPLE N°	1592	1591	1590	1589	1588	1587	1586	1585	1584	1583	1582	1581	1580	1579 (9·2 mV)	1578	1577	1576 (3·1 mV)	1575 (1·9 mV)

Quartz vein intersections with trench walls.

Two metre channel sample intervals shown above sections with assay values of Cu, Pb, Zn, Au, As (all ppm); corresponding sample number shown below section.

5 cm

PIONEER PROSPECT



H 1800	SNR	H 1806	0·206 gpt Au.
H 1801	0·255 gpt Au.	H 1807	0·188
H 1802	0·216	H 1808	0·196
H 1803	0·336	H 1809	0·364
H 1804	0·255	H 1810	0·566
H 1805	0·349	H 1811	0·465
		H 1812	0·548

86 Bedding - overturned
58 bedding - way up unknown
70 Quartz vein
LYH1R Horizontal projection of RC drill hole. Dip and length shown.
H1811 Channel sample interval (mostly 2m.) and sample number. Au values shown in table; Cu, Pb, Zn, As values not shown.

TRENCH D
Looking North East

TRENCH E
Looking South East

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HERALD RESOURCES TURNER N.J

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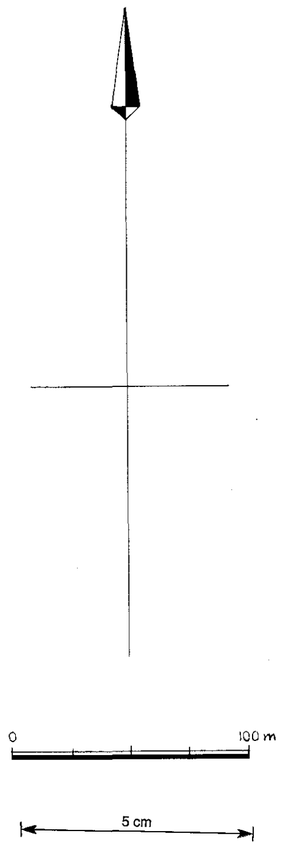
EL 24/94 BOOBYALLA	Plan N°: 5
HERALD RESOURCES LTD.	
PIONEER PROSPECT LYNDHURST Trenches, geology & channel sampling.	Date: July 1995 Compiled: Luke Vanzino, Nic. Turner Drawn: Peter Nankivell Scale: 1:100
Contractor: N.J. Turner Geological Services Pty. Ltd.	



EL 24/94 BOOBYALLA	Plan No: 6
HERALD RESOURCES LTD.	
SOUTHERN CROSS PROSPECT Reproduction of Blake (1934) showing A.M.G. and position of Placeco's 1000m E baseline.	Date: Dec., 1995 Compiled: Nic. Turner Drawn: Peter Nankivell Scale: 1:2000 (approx)
Contractor: N.J. Turner Geological Services Pty. Ltd.	

713119

TRENCHES SHEWN THUS //

J. Blake

FIELD GEOLOGIST

1934

552000 E

5466000 N

667 G 10 ac.

666 G 10 ac.

561 G 10 ac.

558 G 10 ac.

343 G 10 ac.

352 G 10 ac.

1027 G 10 ac.

1028 G 10 ac.

1414 93G 10 ac.

564 G 5 ac.

662 G 10 ac.

562 G 10 ac.

664 G 20 ac.

CAVED SHAFT

CAVED STOPES 75°

VERTICAL SHAFT

NORTH SOUTHERN CROSS

24005

1100N

35°

45°

46°

55°

SHAFT

1000 N

900 N

SHAFT

CAVED SHAFT

3 SHAFTS

24033

UNDERHAND STOPE & CUDDY

50°

UNDERHAND STOPE

CAVED SHAFTS

60°

UNDERLAY SHAFT 65°

CAVED SHAFT

800 N

SHAFT

OPEN CUT

24034

47°

OPEN CUT & STOPE

UNDERLAY SHAFT 63°

HOLE

VERTICAL SHAFT

700 N

SHAFT

24008

CAVED SHAFT

SHAFT

SOUTHERN MINE

UNDERHAND SURFACE STOPES

50-65°

600 N

VERTICAL SHAFTS

UNDERLAY SHAFT

OLD BATTERY SITE

HOLE

UNDERHAND STOPE

SHAFTS

UNDERLAY SHAFT

VERTICAL SHAFT

HOLE

UNDERHAND STOPES

DAM

DAM

500 N

60°

400 N

HOLE

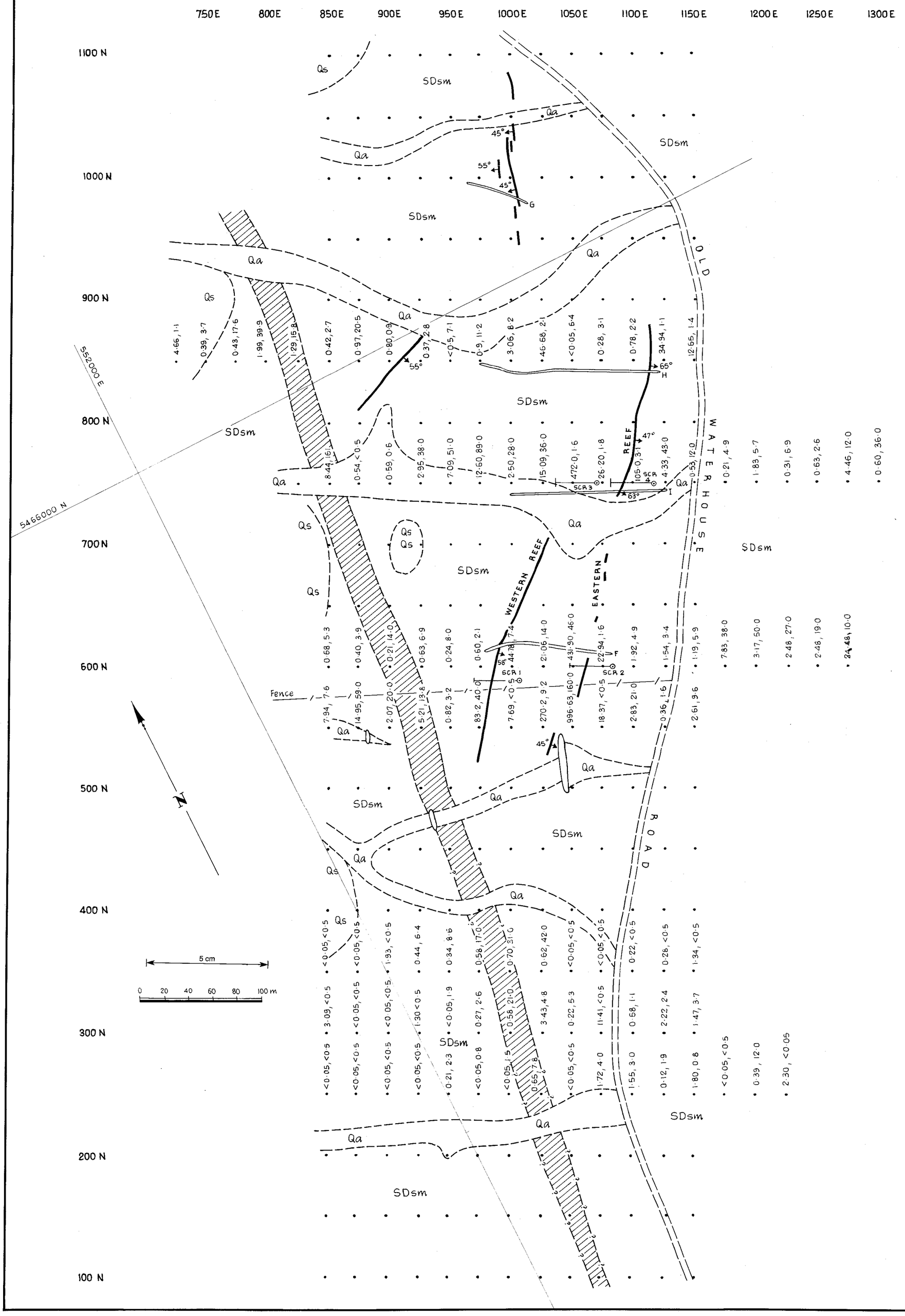
SHALLOW SHAFT

24035

TO SCOTTSDALE

96-3858

ANNUAL REPORT 1994-95 BOOBYALLA EL 24/94
HERALD RESOURCES TURNER N J



Qs — Windblown sand.

Qa — Alluvium.

SDsm — Sandstone, siltstone, mudstone (Mathinna Beds); ▨ with intense quartz veining and local brecciation.

Quartz vein lodes from Blake (1934).

Costean.

Earthen dam.

• 46·68, 21 — Soil sample point with BLEG Au (ppb), As (ppm.); 500gm. samples; Cu, Pb, Zn not shown.

SCR 4 — Horizontal projection of R.C. drill hole. All holes 54m. long, dip 50°

DRILL HOLE POSITIONS AND ELEVATIONS

DRILL HOLE	EASTING	NORTHING	GEODETIC ALTITUDE
SCR1R	552208·0	5465702·9	74·8
SCR2R	552282·6	5465684·4	72·1
SCR3R	552338·2	5465827·3	73·5
SCR4R	552380·1	5465805·1	76·3

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

LINE	25m. SAMPLE POINTS	CORRESPONDING SAMPLES
850N	725E to 1150E	H653 to H636
750N	850E to 1300E	H1307 to H1289
600N	850E to 1275E	H1289 to H1272
550N	850E to 1150E	H1320 to H1308
350N	850E to 1150E	H1349 to H1337
300N	850E to 1150E	H1362 to H1350
250N	850E to 1225E	H1336 to H1321

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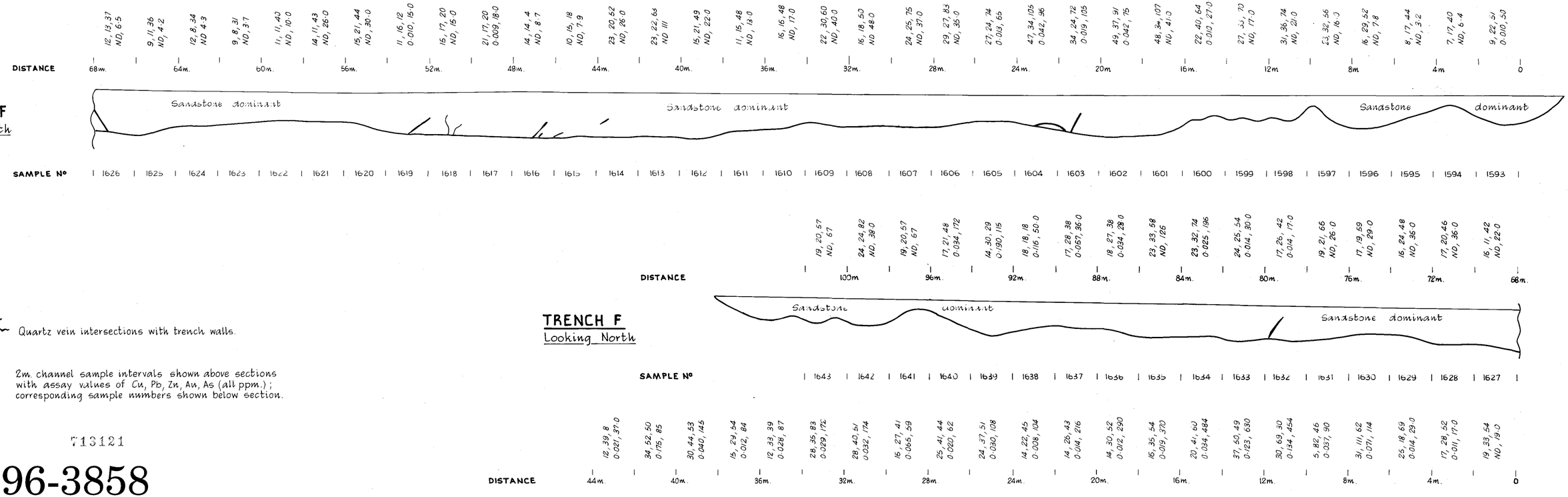
ANNUAL REPORT 1994-95 BOOBYALLA EL 24/94
HERALD RESOURCES TURNER N J

EL 24/94 BOOBYALLA	Plan No: 7
HERALD RESOURCES LTD.	
SOUTHERN CROSS PROSPECT Grid (Placeco), Geology Trenches, Soil chemistry, R.C. drill holes	Date: Sept., 1995 Compiled: Nic. Turner Drawn: Peter Nawkiveli Scale: 1:2000
Contractor: N.J. Turner Geological Services Pty. Ltd.	



Quartz vein intersections with trench walls.

2m. channel sample intervals shown above sections with assay values of Cu, Pb, Zn, Au, As (all ppm.); corresponding sample numbers shown below section.

713121

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ANNUAL REPORT 1994-95 BOOBYALLA EL 24/94
HERALD RESOURCES TURNER N J

5 cm

EL 24/94 BOOBYALLA	Plan Nº: 8
HERALD RESOURCES LTD.	
SOUTHERN CROSS PROSPECT Trenches, quartz veins and channel sampling	Date: July, 1995 Compiled: Luke Vanzino, Nic. Turner Drawn: Peter Nankivell Scale: 1:100
Contractor: N.J.Turner Geological Services Pty. Ltd.	