230001

Herald Resources Limited

Level 4, Norwich House,
40 Kings Park Road,
West Perth,
Western Australia 6005

P.O. Box 893,
West Perth, W.A. 6872

Tel: (09) 322 2788
Fax: (09) 481 1669

A.C.N. 008 672 071
(Co. Inc. in W.A.)

MINERAL LEASE NO 64M/79
LINTON, TASMANIA

ANNUAL REPORT 1994-1995

96-3856

ANNUAL REPORT 1994-95 LINTON ML 64M/79
HERALD RESOURCES TURNER N J

230002

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

MINERAL LEASE NO. 64M/79
LINTON, TASMANIA

ANNUAL REPORT 1994-1995

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

15th March, 1996

230003

CONTENTS

LIST OF APPENDICES

LIST OF PLANS

1. Geology and stream sediment sample locations.
2. Forester Plantation, Linton setting: soil chemistry, rock chips, drill holes with GPS positions.
3. Linton prospect No. 2 and No. 1 lodes: structure, rock chips, channel samples.

1.0 SUMMARY AND RECOMMENDATIONS

- Mineral lease No. 64M/79 at Forester, north eastern Tasmania, contains the old Linton P.A. mine which produced 6.94kg of gold from quartz vein reefs in a folded sequence of turbiditic sandstone, siltstone and mudstone of Palaeozoic age (Mathinna Group).

- Herald Resources Ltd's programme in the mineral lease has been aimed at delineating bulk mineable gold in quartz vein reefs, in stockworks and in sheeted vein systems.

- A northerly trending, mineralised, regional shear zone that ranges 75–150m in width has been identified in ML 64M/79 from stream sediment chemistry, soil chemistry, geophysical interpretation and geological mapping. The quartz vein reefs of the Linton P.A. mine are short, related tensional structures which cut across this shear zone at a high angle.

- Rock chip sampling, channel sampling and RC percussion drilling have returned scattered interesting gold grades from ML 64M/79 but most gold values are low and no substantial body of mineable mineralisation is indicated.

- No further work is recommended in ML 64M/79.

2.0 INTRODUCTION

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

Mineral Lease No. 64M/79 is an enclave within one of Herald's NETGOLD tenements (Plan 1 – locality map) and it contains the most productive of the very small, old mines and prospects in the Forester district. An option on the mineral lease was arranged and Herald commenced work in late 1994.

The mineral lease is located in a pine and eucalypt plantation in State Forest. It is readily accessible by all-weather unsealed roads. Tracks within the lease are adequate for 2WD vehicles except in particularly wet weather.

3.0 TENEMENT INFORMATION

Mineral Lease No.: 64M/79
Area: 40 Ha

Land District: Dorset
Vicinity: Forester
Municipality: Dorset

Configuration:
In a survey by Fisher and Jack, Land Surveyors, Launceston, the north east corner of ML 64M/79 was taken at Forestry Tasmania's marker post F103 which has AMG co-ordinates 557823.00mE 5455460.00mN. The lease is square with sides of about 632.5m. One pair of sides is oriented to magnetic north (1980) which corresponds to 13 degrees 09 minutes 40 seconds AMG.

Mineral lease ML 64M/79 is an enclave within Herald Resources Ltd's Exploration Licence No. 23/94 and Herald holds a two year option agreement on the lease from Gary Fisher of 187a St John Street, Launceston. The option is due to expire about the middle of 1996.

4.0 PREVIOUS WORK

Small scale mining of gold bearing quartz vein lodes commenced in the Forester district in about 1922 (Bottrill, 1994). The recorded production from the lodes at the Linton P.A. Mine in ML 64M/79 is 6.94kg. Grades of 60-80gpt and 93gpt were apparently returned from batches of selected material from surface workings on the No. 1 and No. 2 lodes respectively (Nye, 1923).

Blake (1934) mapped the distribution of lodes and workings in the Forester district and found the lodes to be short structures of generally easterly trend (Plan 2). More detail of the workings on the Linton No. 1 and No. 2 lodes is shown in plans and sections of the Linton P.A. Mine held by Mineral Resources Tasmania. These plans show a small amount of surface stoping, also the development of adits at depths of approximately 18m and 40m below the surface workings. In recent times there have been further surface excavations, particularly around the No. 2 lode, but only a little ore has been processed.

Bottrill (1994) summarises modern mineral exploration in the general area around ML 64M/79. Of particular interest is a programme by Goldfields Exploration Pty Ltd (Herrmann, 1987) in which chip samples taken from the Linton No. 1 and No. 2 lodes returned 1gpt and 0.6gpt respectively. Values of less than 0.1gpt were returned from chip samples of quartz vein stringer networks.

ML 64M/79 and the surrounding region have been geologically mapped at a scale of 1:50,000 by the Geological Survey of Tasmania (Brown et al, 1977). There is recent aeromagnetic coverage (Richardson, 1994) and there is regional gravity coverage (see Leaman, 1994).

5.0 WORK CARRIED OUT BY HERALD RESOURCES LTD.

5.1 Regional geology

Herald's block of exploration licences comprising ELs 23, 24, 25, 45/94 together with ML 64M/79 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 ML 64M/79 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. The assessment included ML 64M/79, which is an enclave within EL 23/94.

5.3 Regional and follow-up stream sediment sampling

Streams in ML 64M/79 were sampled as part of a regional minus 80 mesh stream sediment survey of the potentially gold-bearing rocks in Herald's exploration licences. A total of ten samples were collected inside the lease (Plan 1).

The stream sediment samples were analysed by Analabs Pty Ltd for Cu, Pb, Zn, Au and As (Appendix 1). Gold was analysed by fire assay of a 30gm charge giving a detection limit of 0.008ppm.

Histograms were drawn for around 350 analyses of each element from preliminary samples taken throughout Herald's tenements. They indicated that values of greater than about 40ppm for copper, 30ppm for lead and 140ppm for zinc are unusual in streams draining the Mathinna Group. In the case of arsenic a tiered effect becomes apparent when the results are plotted on maps. In most areas the values are consistently below 10ppm whilst in some areas the values are commonly elevated to the range 10–25ppm. Values greater than 25ppm appear to be significantly anomalous. All gold values above the detection limit of 0.008ppm were treated as anomalous.

5.4 Local geology and rock chip sampling

Geological traversing during the course of Herald's programme in ML 64M/79 focused on the No. 1, No. 2, and No. 3 lodes (Plan 2). Detailed mapping of structures in the vicinity of the No. 2 lode was carried out (Plan 3) with accompanying rock chip sampling (Appendix 3). Rock chip samples were also

collected from the vicinities of the No. 1 lode, No. 3 lode and Forest King lode.

In all, a total of 63 rock chip samples were collected from ML 64M/79. These samples were analysed by Analabs Pty Ltd for Cu, Pb, Zn, Au and As (Appendix 4). Gold was analysed by fire assay of a 30gm charge giving a detection limit of 0.008ppm.

5.5 *Soil sampling*

Soil sampling was carried out in ML 64M/79 and in the neighbouring parts of EL 23/94 with the aim of identifying the main mineralisation trend (Plan 2). It was convenient to sample along roads and tracks rather than on a grid because the directional variation introduced in this way aided in checking for both easterly and northerly trends.

A total of 46 soil samples were collected within the lease. They were collected at depths of about 15cm in residual soils which mostly comprise sand, clay and subordinate, angular, weathered, bedrock fragments. The samples were sieved through a mesh of about 1.5mm (kitchen strainer) and weighed approximately 0.5kg. They were analysed for Cu, Pb, Zn, Au and As by Analabs Pty Ltd (Appendix 2). Gold was analysed by the BLEG method after the samples had been pulverised. The detection limit for gold was 0.05ppb.

5.6 Channel sampling

Steep to vertical cuts created by earlier mining and prospecting work in the vicinity of the No. 2 and No. 1 lodes were channel sampled. 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 (Plan 3). Gold analyses were by fire assay of a 30gm charge giving an 0.008ppm detection limit.

Altogether, 34 channel samples were obtained in the vicinity of the No. 2 lode. Another eight samples were obtained in the vicinity of the No. 1 lode.

5.7 Percussion drilling

Five RC percussion drill holes were put down in ML 64M/79 (Plan 2). The No. 2 and No. 3 lodes were tested by holes LIN4R and LIN6R respectively whilst holes LIN2R and LIN3R tested the No. 1/No. 2 lode cross course. Hole LIN5R tested some country north of No. 2 lode.

Diamond Drilling Tasmania Pty Ltd of Zeehan carried out the drilling using a TRC42 face sampling hammer on four inch Metzke rods driven by a UDR650 rig coupled to a 350psi, 900cfm Sullair compressor. The rig and compressor were mounted on separate tracked vehicles.

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

The holes on the No. 2 and No. 3 lodes were 60m and 54m respectively whilst the two cross course holes were 66m and 60m. The fifth hole was 54m. Thus a total of 294m was drilled, logged and assayed in ML 64M/79.

5.8 GPS survey

GPS positions for the percussion drill holes were determined by East Coast Surveying of St Helens using a Trimble Pathfinder detector linked to a Trimble TDC1 data processor. The reduced data is shown in Plan 2 with an indicated accuracy of ± 3.6m for each of Easting, Northing and Geodetic Altitude. Comparison between GPS results and tape, compass and clinometer surveying in the Warrentinna area (EL 25/94) suggests that the indicated accuracy is optimistic.

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

The geophysical interpretation has highlighted an inferred N-S regional structure which passes through the Linton lease (Fig. 8 of Leaman, 1994). Results of other exploration methods applied within the lease provide confirmation of this structure.

6.3 Regional stream sediment chemistry

Streams in the Linton lease east of the No. 1 and No. 2 lodes (Plan 2, Appendix 1) returned anomalous gold values though values in their uppermost reaches, south of the No. 3 lode, are below detection limit. No anomalous gold values were returned from the stream in the western part of the lease.

Best values of 0.066ppm of gold and 103ppm of arsenic were returned from the stream which flows between the No. 1 and No. 3 lodes. To the north just outside the lease this stream returned very high values of 1.530ppm of gold and 263ppm of arsenic. These high values probably reflect tailings and run-off from the lease. In this regard it is significant that the now-collapsed entrance to the No. 2 adit is beside the creek, just inside the northern boundary of the lease.

6.4 Local geology and rock chip chemistry

The Linton No. 2 lode workings were mapped in some detail to see if the gold mineralisation is associated with a particular set of structures. It eventuated that this is not the case.

Bedding in the Mathinna Group in the western part of the No. 2 lode workings generally dips and faces south west, forming the western limb of an anticline. The anticline closes on a series of SSE plunging axes in the central and eastern parts of the workings (Plan 3). Steeply dipping cleavage associated with these folds was measured in a few places.

Many of the numerous joints in the Mathinna Group trend at a high angle to the axial direction of the folds and dip steeply north, that is, roughly in the AC plane

of the folds. The No. 2 lode shares this orientation as do veins in the footwall zone of the lode. However, veins elsewhere in the workings commonly trend north or north west.

North and north west trends are also displayed by steeply dipping minor faults and shear zones. Some of these structures are compound, showing evidence of both shearing and tensional vein development. An example of this is the structure in the cross course sampled as H112.

A plausible interpretation of the structural pattern is that the folds, joints, veins and faults were produced in a regime of intermittent ENE–WSW compression and NNW–SSE extension with conjugate N–S dextral and NW–SE sinistral shearing. The presence of gold mineralisation in most veins and faults, irrespective of orientation, supports their more or less contemporaneous formation.

Gold values of 1.15gpt, 1.2gpt and 0.606gpt were returned from the small exposure of the No. 2 lode (Plan 3, Appendix 3, 4). Values of up to 3.67gpt were returned from veins in the footwall zone. There is a high average level of arsenic in the footwall zone and lode (H057–H074, Appendix 4). Lead is also commonly anomalous with small amounts of galena being evident in some veins. Secondary iron is common throughout the footwall zone and it imparts a distinctive visual character to the zone.

A few high arsenic values were returned from the cross course (e.g. H103, H105) though arsenic is low in H112 which returned the best gold value of 2.34gpt. The highest overall gold value in the No. 2 lode workings is 42.75gpt (H099) in pale massive quartz in locally silicified, limonitic country rock. This silicification was the only example of wall–rock alteration recognised in the workings.

A sample of grey, limonitic quartz from the Linton No. 1 lode produced a gold value of 1.328gpt (H183). The best gold value in the Linton No. 3 lode of 8.17gpt (H182) was returned from a thin limonitic stockwork adjacent to a shear surface. No single, main quartz vein was recognised at the Linton No. 3 lode. Instead, there is a transition from unmineralised fine quartz vein stockwork to patchy, mineralised stockwork (H900–H907).

6.5 Soil chemistry

Gold values in soils in the Linton lease delineate a northerly trending belt of mostly low order anomalism (1.5–86.5ppb, Plan 2, Appendix 2) which is also reflected in arsenic values. This anomalous belt extends out of the lease to both north and south. It coincides with the regional structure identified in the geophysical interpretation.

It is clear from the soil survey that the Linton No. 1, No. 2 and No. 3 lodes are laterally restricted. They lie within the belt of anomalous soil values, the No. 1 and No. 2 lodes trending across it at a high angle. The Forest King lode lies

west of the main soil anomaly though possibly in a linked structure.

6.6 Channel sample chemistry

Gold values in the 2m channel samples taken in the footwall zone of the Linton No. 2 lode range 0.079–5.310gpt (Plan 3) and suggest an average gold content for the zone of about 0.9gpt. Although chip samples (see above) from the exposed part of the No. 2 lode returned 0.6–1.2gpt, no gauge could be taken of the grade in the mined-out portion of the No. 2 lode. Consequently, no estimate could be made of the overall grade in the surface segment of the 4–5m wide by 20m plus slab comprising the No. 2 lode and its footwall zone.

Gold values in channel samples taken elsewhere in the No. 2 lode workings range 0.03–0.339gpt and are of little interest. A few channel samples taken in the thin footwall zone of the Linton No. 1 lode (Plan 3) were also of little interest at 0.114–0.184gpt of gold.

6.7 RC percussion drilling

Drill hole LIN4R intersected 2m returning 0.315gpt of gold at a vertical depth of about 18m below the Linton No. 2 lode workings (Plan 3, Appendix 5). The intersection is in the anticipated down-dip position of the lode. Whilst it is well above the lowest level of the old workings the meagre intersection indicates that there is little likelihood of defining a workable shallow resource.

Drill holes LIN2R and LIN3R tested the northerly trending cross course (Plan3) in the vicinity of the No. 2 lode. Hole LIN2R intersected an average 0.681gpt of gold at 16–19m and returned a very unusually high silver value of 48gpt at 36–37m. Drill hole LIN3R returned even less of interest. Drill holes LIN2R and LIN3R each returned very low grade gold values to down-hole depths of respectively 50m and 40m. Together with drill hole LIN4R they demonstrate a body of gold mineralisation of substantial size but the grades are impossibly low. Drill hole LIN5R returned similar very low gold values.

Drill hole LIN6R tested the stockwork mineralisation at the Linton No. 3 lode. Better values were returned than in the other Linton holes though most are still too low to be of real interest. The intersections include 16.4gpt at 1–2m, 0.65gpt at 16–18m, 0.33gpt at 27–29m, 0.71gpt at 34–36m and 2.12gpt at 37–38m. Very low grade mineralisation extends throughout the hole.

7.0 CONCLUSIONS

Low gold values of 1.5–85ppb in soils delineate a northerly trending belt ranging 75–150m in width which passes through ML 64M/79. This belt coincides with a regional structure that has been inferred from geophysical data.

Detailed mapping in the No. 2 lode workings has shown that small faults and shears trend parallel to the belt which is interpreted as a zone of dispersed

shearing. The No. 1 and No. 2 lodes are short features within the belt comprising quartz vein reefs with mineralised footwalls. They are oriented at a high angle across the belt and are regarded as related tensional structures. The No. 3 lode appears to be a stockwork.

There are scattered returns of interesting gold grades of up to 43.7gpt from rock chips, up to 5.3gpt from channel samples and up to 16.4gpt from drill intersections, but no substantial body of mineralisation is indicated either by surface sampling or by drilling.

Drilling has shown predominantly low to very low subsurface gold grades extending to vertical depths of about 45m in the vicinities of the No. 2 lode, the No. 3 lode and the No. 1 – No. 2 lodes cross course. Though there is room for further drilling east of the No. 1 and No. 2 lodes there is no apparent reason to believe that better grade/volume results would be achieved there.

8.0 ENVIRONMENTAL MATTERS

Since most soil samples from ML 64M/79 could be collected along existing roads, tracks and fire breaks, a grid was not needed. Consequently no vegetation was cut during the mineral exploration programme except for some approved clearing on the track leading out of the lease to the north.

Existing excavations were used for channel sampling and no new earthworks were required for drill sites or access. Bags of drilling product are currently stored at various places in the lease and will be disposed of, depending on discussions with the leaseholder.

9.0 REFERENCES

Baillie, P.W., Turner, N.J., Cox, S.F. 1979. Geological atlas 1:50 000 series, sheet 84165. Boobyalla. Department of Mines, Tasmania.

Blake, F. 1934. Map of the Forester goldfield, 1:1 584. Department of Mines, Tasmania.

Bottrill, R.S. 1994. Geology and mineral resources of the Mt Horror exempt area. Mineral Resources Tasmania Report 1994/02. Tasmania Development and Resources.

Brown, A.V., McClenaghan, M.P., Moore, W.R., Turner, N.J., McClenaghan, J., Williams, P.R., Baillie, P.W., Corbett, K.D., Corbett, E.B., Cox, S.F., Groves, D.I., Pike, G.P. 1977. Geological atlas 1:50 000 series, sheet 32 (8415N). Ringarooma. Department of Mines, Tasmania.

Herrmann, W. 1987. Report on reconnaissance mapping and sampling of EL

17/86, in Roberts, P.A. Annual report for 1986–87, Branxholm area. Gold Fields Exploration Pty Limited. [TCR 87–2735].

Leaman, D.E. 1994. Regional review of geophysical data, NE Tasmania, ELs 23, 24, 25, 45/94. Consultant's report to Herald Resources Ltd.

McClenaghan, M.P., Turner, N.J., Baillie, P.W., Brown, A.V., Williams, P.R., Moore, W.R. 1982. Geology of the Ringarooma – Boobyalla area. Bulletin Geological Survey of Tasmania 61.

Nye, P.B. 1923. Report on the Forester goldfield. Unpublished Report Tasmania Department of Mines 1923:132–141.

Nye, P.B. 1931. The Lyndhurst, Forester, Warrentinna, New River and Alberton goldfields. Unpublished Report Tasmania Department of Mines 1931:74–75.

Powell, C.McA., Baillie, P.W., Conaghan, P.J., Turner, N.J. 1993. The mid–Palaeozoic turbiditic Mathinna Group, northeast Tasmania. Australian Journal of Earth Science 40:169–196.

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

Taheri, J., Bottrill, R.S. 1994. A study of the nature and origin of gold mineralisation, Mangana – Forester area, northeast Tasmania. Mineral Resources Tasmania Report 1994/05. Tasmania Development and Resources.

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 ML64M/79

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	As50
H120	557800	5455400	14	17	47	0.008	0.008			9.9	9.9	
H121	557700	5455200	23	23	41	0.011	0.011			17.6	17.6	
H122	557500	5455150	17	9	54	0.01	0.01			5	5	
H779	557670	5455410	17	10	37	0.059	0.059			20.3	20.3	
H780	557540	5455230	23	28	89	0.066	0.066			103		103
H781	557400	5455050	20	11	28	-0.008	-0.008			8.6	8.6	
H782	557640	5455230	15	4	26	-0.008	-0.008			16.6	16.6	
H783	557640	5454930	18	13	25	-0.008	-0.008		-0.008	23.9	23.9	
H839	557260	5455350	6	9	30	-0.008	-0.008			-0.5	-0.5	
H840	557220	5455100	9	19	43	-0.008	-0.008	-0.008		-0.5	-0.5	
UNITS			**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
DETEC. LIMITS			**2**	**3**	**2**		**0.008**	**0.008**	**0.008**		**0.5**	**50**

Any negative value indicates sample analysis below detection limits.

APPENDIX 2:

ANALYTICAL DATA FOR SOIL SAMPLES
- REFER TO PLAN 2

Analyst: Analabs Pty Ltd
14 Thirkell Street
Cooee
Tasmania 7320

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

APPENDIX 2 ML64M/79

Analytical Data for Soil Samples - refer to PLAN2

samp-id	Cu	Pb	Zn	Au	As-av	As05	As50
H702	6	6	31	0.17	11	11	
H703	8	-3	11	0.23	1	1	
H704	7	6	18	0.12	7	7	
H732	4	8	14	0.3	6	6	
H733	6	10	10	6.71	48	48	
H734	5	4	11	8.93	93		93
H735	6	10	14	6.22	78		78
H736	5	12	17	6	81		81
H737	7	5	22	0.33	4	4	
H738	6	6	10	0.93	5	5	
H739	15	10	22	3.44	10	10	
H740	18	5	29	0.14	4	4	
H741	14	12	16	0.06	2	2	
H742	14	11	22	-0.05	4	4	
H743	8	7	10	0.27	8	8	
H744	13	13	16	0.08	5	5	
H745	12	10	23	0.13	5	5	
H746	13	8	34	0.17	6	6	
H747	13	9	32	0.17	5	5	
H748	9	8	25	4.7	3	3	
H749	11	10	28	0.4	4	4	
H751	6	9	21	1.77	10	10	
H752	5	9	16	0.93	8	8	
H753	5	6	20	2.07	6	6	
H754	4	8	13	1.46	13	13	
H755	4	6	12	0.65	19	19	
H756	5	5	14	0.35	7	7	
H757	5	3	17	2.62	36	36	
H758	8	7	15	86.5	102		102
H759	11	9	21	2.07	28	28	
H760	6	8	17	0.57	8	8	
H761	5	8	14	0.29	13	13	
H762	6	10	12	0.36	14	14	
H763	5	9	17	0.18	6	6	
H1410	15	14	19	2.56	86		86
H1411	17	17	18	1.05	46	46	
H1412	34	11	28	1.51	50		50
H1413	15	8	30	0.96	26	26	

APPENDIX 2 ML64M/79

Analytical Data for Soil Samples - refer to PLAN2

samp-id	Cu	Pb	Zn	Au	As-av	As05	As50
H1414	18	14	28	0.9	19	19	
H1415	11	5	23	0.16	18	18	
H1419	11	11	19	1.4	24	24	
H1420	12	14	21	0.6	10	10	
H1421	13	14	22	0.05	7	7	
H1422	8	14	21	0.2	9	9	
H1423	7	9	14	0.36	12	12	
H1424	9	12	23	0.32	10	10	
UNITS	**ppm**	**ppm**	**ppm**	**ppb**	**ppm**	**ppm**	**ppm**
DETEC. LIMITS	**2**	**3**	**2**	**0.05**		**0.5**	**50**

Any negative value indicates sample analysis below detection limits.

APPENDIX 3:

AMG LOCATIONS AND DESCRIPTIONS OF ROCK CHIP SAMPLES COLLECTED IN ML 64M/79 - REFER TO PLANS 2, 3

Sample ID	Easting	Northing	Description
H052	557400 (Forest	5455425 King)	Quartz, pale grey, massive, banding, breccia, limonite.
H053	"	"	Quartz, dark grey, granular, limonite.
H054	557550 (No 2	5455375 Lode)	Quartz, pale, massive.
H055	"	"	Quartz, pale, granular, limonite.
H056	"	"	Quartz, pale, granular.
H057	"	"	Quartz, pale, massive, breccia, ? gossan patches.
H058	"	"	Limonite, mostly finely granular, some gossanous.
H059	"	"	Quartz and crumbly material, dark grey.
H060	"	"	Quartz, grey, granular to massive, arsenopyrite.
H061	"	"	Quartz, pale, granular to massive, vughy, secondary arsenic.
H062	"	"	Limonite and clay, finely granular.
H063	"	"	Quartz, pale, massive to dark grey granular, ? galena.
H064	"	"	Quartz, pale, massive to dark grey, granular, pyrite, ? galena.
H065	"	"	Quartz, pale, massive to dark grey, granular, ? galena.
H066	"	"	Limonite and clay, granular.
H067	"	"	Quartz and crumbly material, white to dark grey.
H068	"	"	Fault breccia of quartz, limonite, country rock.
H069	"	"	Fine stockwork in country rock.
H070	"	"	Quartz, pale, massive, breccia.
H071	"	"	Stockwork of thin quartz and limonite in country rock.
H072	"	"	Stockwork of thin quartz and limonite in country rock.
H073	"	"	No 2 Lode, quartz, pale, massive, banded.
H074	"	"	No 2 Lode, brecciated country rock with fine quartz veins.
H092	"	"	No 2 Lode, quartz, pale to dark grey, granular, pyrite, ? galena.
H093	"	"	Quartz, pale to dark grey, massive, limonite seams.
H094	"	"	? Silicified country rock, fractured, minor limonite.
H095	"	"	Siltstone, stockwork of limonite seams.
H096	"	"	Quartz, pale, granular, limonite seams.
H097	"	"	Quartz, pale, massive.
H098	"	"	Quartz, pale to dark grey, granular, limonite seams.
H099	"	"	Silicified, limonitic country rock with pale quartz, massive, ? galena.
H100	"	"	Limonitic country rock, limonite seams.
H101	"	"	Country rock, limonite seams, thin quartz veins.
H102	"	"	Limonite, finely granular to cellular.
H103	"	"	Quartz, dark grey, granular, limonite.
H104	"	"	Quartz, pale, granular, cellular limonite seams.
H105	"	"	Sandstone, common cellular limonite seams.
H106	"	"	Siltstone, thin quartz veins and limonite seams.
H107	"	"	Siltstone, common limonite seams, some cellular.
H108	"	"	Quartz, pale, granular, gossan patches.
H109	"	"	Country rock, sheared, quartz and limonite veins.

Sample ID	Easting	Northing	Description
H110	"	"	Sandstone, stockwork of thin quartz and limonite.
H111	"	"	Quartz, pale, massive, limonite seams.
H112	"	"	Siltstone with gossaneous limonite and quartz veinlets.
H113	"	"	Quartz, pale, massive.
H114	"	"	Brecciated siltstone, limonite impregnation.
H123	557600 (No 3	5455200 Lode)	Sandstone, thin limonite seams.
H124	557550 (No 2	5455375 Lode)	Siltstone, thin limonite seams
H125	"	"	Sandstone, thin quartz veins, limonite seams.
H126	"	"	Quartz, pale, few gossanous patches.
H182	557600 (No 3	5455200 Lode)	Siltstone, thin quartz veins, cellular limonite seams.
H183	557550 (No 1	5455325 Lode)	Quartz, dark grey, granular, limonite seams.
H196	557600 (No 3	5455200 Lode)	Sandstone, white, granular quartz veins.
H197	"	"	Sandstone, stockwork of iron-stained quartz veins.
H198	"	"	Sandstone, sparse quartz veins, limonite seams.
H199	"	"	Sandstone, limonite on fractures, ? gossan.
H900	"	"	Sandstone, white granular quartz veins, ? gossan.
H901	"	"	Sandstone, limonite on fractures, ? gossan.
H902	"	"	Sandstone, white granular quartz veins.
H903	"	"	Carbonaceous mudstone, limonite seams.
H904	"	"	Sandstone, pale, granular quartz veins, vughs.
H905	"	"	Sandstone and mudstone, common limonitic quartz veins.
H906	"	"	Sandstone, common limonite seams.
H907	"	"	Siltstone, pale quartz veins, limonite seams.

APPENDIX 4 ML64M/79

Analytical Data for Rock Chip Samples- refer to PLAN 3.

samp-id	Cu	Pb	Zn	Au-av	Au1ppm	Au2ppm	Au3ppm	As-av	As05	As50	As500
H052	16	19	43	-0.008	-0.008			230		230	
H053	13	13	48	0.029	0.029			200		200	
H054	17	23	68	0.088	0.088			227		227	
H055	18	42	63	0.342	0.342			300		300	
H056	9	11	65	0.246	0.246			209		209	
H057	12	43	45	0.246	0.233		0.259	630		630	
H058	68	367	169	1.03	1.02	1.04		5890		5890	
H059	38	207	94	0.678	0.678			4730		4730	
H060	15	2531	59	3.67	3.67			13000			13000
H061	31	1906	118	0.621	0.621			1370		1370	
H062	79	757	107	0.55	0.55			4710		4710	
H063	10	155	58	0.287	0.287			2220		2220	
H064	46	1398	80	1.69	1.69			4950		4950	
H065	13	76	65	0.368	0.368			1230		1230	
H066	64	1820	159	0.083	0.083			3370		3370	
H067	10	151	52	0.185	0.185			1970		1970	
H068	22	81	102	0.262	0.262			870		870	
H069	14	77	70	0.305	0.305			580		580	
H070	10	271	65	0.672	0.672			3590		3590	
H071	11	69	74	0.358	0.358			290		290	
H072	25	58	64	0.319	0.319			840		840	
H073	12	366	235	1.115	1.15	1.08		5870		5870	
H074	25	483	71	1.2	1.2			4090		4090	
H092	8	600	172	0.606	0.606			24.3	24.3		

APPENDIX 4 ML64M/79

Analytical Data for Rock Chip Samples- refer to PLAN 3.

samp-id	Cu	Pb	Zn	Au-av	Au1ppm	Au2ppm	Au3ppm	As-av	As05	As50	As500
H093	14	33	27	0.157	0.157			442		442	
H094	10	12	19	0.068	0.068			36.6	36.6		
H095	12	14	22	0.018	0.018			30.4	30.4		
H096	50	27	83	0.043	0.044	0.042		883		883	
H097	49	21	42	0.118	0.118			591		591	
H098	30	18	30	0.084	0.084			643		643	
H099	19	299	32	42.75	43.7	41.8		3725		3725	
H100	13	10	18	0.032	0.032			42.5	42.5		
H101	23	29	25	0.59	0.59			460		460	
H102	154	182	192	0.172	0.172			11000			11000
H103	12	141	21	0.128	0.128			685		685	
H104	8	8	17	0.017	0.017			232		232	
H105	31	116	28	0.903	0.903			12000			12000
H106	18	32	27	0.118	0.118		0.118	593		593	
H107	22	47	28	0.889	0.889			584		584	
H108	40	135	49	0.196	0.196			2105		2105	
H109	18	71	25	0.075	0.075			795		795	
H110	18	53	19	0.043	0.043			40.7	40.7		
H111	9	19	24	0.015	0.017	0.013		24.9	24.9		
H112	7	135	19	2.34	2.34			40.7	40.7		
H113	7	7	14	0.085	0.085			40.3	40.3		
H114	27	33	55	0.199	0.199			41.1	41.1		
H123	13	19	21	0.233	0.233			203		203	
H124	15	11	25	0.1385	0.135		0.142	154		154	

APPENDIX 4 ML64M/79

Analytical Data for Rock Chip Samples- refer to PLAN 3.

samp-id	Cu	Pb	Zn	Au-av	Au1ppm	Au2ppm	Au3ppm	As-av	As05	As50	As500
H125	10	12	21	-0.008	-0.008			24.6	24.6		
H126	9	-3	16	0.056	0.056			33.7	33.7		
H182	37	47	24	8.18	8.17	8.19	8.18	7.3	7.3		
H183	12	594	15	1.328	1.328			4572		4572	
H196	9	13	52	-0.008	-0.008			9.6	9.6		
H197	18	11	56	-0.008	-0.008			48.2	48.2		
H198	23	13	57	-0.008	-0.008			8.8	8.8		
H199	16	13	67	-0.008	-0.008			13.1	13.1		
H900	12	8	63	-0.008	-0.008			7.1	7.1		
H901	14	14	63	-0.008	-0.008			18.9	18.9		
H902	13	41	52	-0.008	-0.008			5.2	5.2		
H903	19	26	42	-0.008	-0.008	-0.008		120		120	
H904	66	26	39	0.23	0.23			52		52	
H905	10	17	38	0.19	0.19			107		107	
H906	13	12	35	0.044	0.044			151		151	
H907	15	31	54	0.09	0.09			214		214	
UNITS	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
DETEC. LIMITS	**2**	**3**	**2**		**0.008**	**0.008**	**0.008**		**0.5**	**50**	**500**

Any negative value indicates sample analysis below detection limits.

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 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.

230029

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

230030

SCOTTSDALE PROJECT
PERCUSSION DRILL LOG CODES

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

SCOTTSDALE PROJECT
PERCUSSION DRILL LOG CODES

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

ALTERATION MINERALOGY

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

SCOTTSDALE PROJECT
PERCUSSION DRILL LOG CODES

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

SCOTTSDALE PROJECT
PERCUSSION DRILL LOG CODES

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

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	LINTON LEASE	DRILL HOLE NO.	LIN 2R
COLLAR CO-ORDINATES	557540·4mE 5455334·5mN	RL	210·9m	GRID NAME	
		HOLDER	HERALD/G. FISHER	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	LINTON AREA, FORESTER
TENEMENT	ML 64M/79			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	250°T ~~(Mag.)~~ (Grid)				

OBJECTIVES/RESULTS/COMMENTS: TEST CROSS COURSE BETWEEN NO1 AND NO2 LODES.

COLLAR INCLINATION	50°					DOWN-HOLE SURVEY RESULTS (Mag//Grid)
TOTAL LENGTHS	66m	DRILLING TYPE	FROM	TO	HOLE/CORE DIAM	
DRILLING CONTRACTOR	DIAMOND DRILLING TAS P/L	RC	0	66	4 inch	
RIG TYPE	UDR650					
COMMENCED	3·10·95					
COMPLETED	3·10·95					
LOGGED BY	N.J. Turner					
LOGGING DATE	18·2·96					

HERALD RESOURCES LTD.
SCOTTSDALE PROJECT

DEPOSIT NAME LINTON CROSS COURSE HOLE No. LXN 2R

CODED BY NJT DATE 18.2.96

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	FG	M	C	2	3																							3 3 2 3	0	1	.015	1	K 1	
11	12	·	1		IS	FG	M	C	2	3																							3 3 2 4	1	2	.012	1	K 1	
12	13	·	1		IS	FG	M	C	2	3																							3 3 2 5	2	3	K.01	1	K 1	
13	14	·	1		IS	F	M	C	2	3																							3 3 2 6	3	4	.011	1	K 1	
14	15	·	1		IS	FN	M	C	2	3																							3 3 2 7	4	5	.013	1	K 1	
15	16	·	1		IS	FN	M	C	2	3																							3 3 2 8	5	6	K.01	1	K 1	
16	17	·	1		IS	FG	M	C	2	3																							3 3 2 9	6	7	.011	1	K 1	
17	18	·	1		IS	FG	M	C	2	3	T																						3 3 3 0	7	8	.013	1	K 1	
18	19	·	1		IS	FG	M	C	2	3	✓																						3 3 3 1	8	9	.011	1	K 1	
19	20	·	1		IS	F	M	C	2	3	J																						3 3 3 2	9	0	.013	1	K 1	
10	11	·	1		IS	FN	M	C	2	3		✓					T																3 3 3 3	0	1	.210	1	K 1	
11	12	·	1		IS	FN	M	C	2	3																							3 3 3 4	1	2	.014	2	K 1	
12	13	·	1		LS	FN	M	C	1	3																							3 3 3 5	2	3	.012	1	K 1	
13	14	·	1		LS	FN	M	C	1	3																							3 3 3 6	3	4	.013	1	K 1	
14	15	·	1		LS	FG	M	C	1	3																							3 3 3 7	4	5	.015	1	K 1	
15	16	·	1		LS	FG	M	C	1	3																							3 3 3 8	5	6	.111	1	K 1	
16	17	·	1		LS	FG	M	C	1	2																							3 3 3 9	6	7	.215	1	K 1	
17	18	·	1		LS	FG	M	C	1	3	B						T																3 4 0 0	7	8	1.612	1	K 1	
18	19	·	1		IS	F	M	C	2	3																							3 4 0 1	8	9	.017	1	K 1	
19	20	·	1		IS	F	M	C	2	3	B						T																3 4 0 2	9	0	.014	1	K 1	
20	21	·	1		IS	F	M	C	2	1																							3 4 0 3	0	1	K.01	1	K 1	
21	22	·	1		IS	F	M	C	2	1																							3 4 0 4	1	2	.016	2	K 1	
22	23	·	1		IS	F	M	C	2	1																							3 4 0 5	2	3	.018	1	K 1	
23	24	·	1		IS	F	M	C	2	3																							3 4 0 6	3	4	.012	1	K 1	

230035

[redacted] RESOURCES LTD

SCOTTSDALE PROJECT

DEPOSIT NAME LINTON CROSS COURSE HOLE No. LIN 2 C

CODED BY NST DATE 18.2.96

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
12 4·	12 5·	·	1		LS	LF	MK	1	3																								3 4 0 17	4·	5·	·01	1	K	1·	
12 5·	12 6·	·	1		LS	FL	MK	1	3																								3 4 0 18	5·	6·	·01	1	K	1·	
12 6·	12 7·	·	1		LS	NG	MC	1	3																								3 4 0 19	6·	7·	·03	1	K	1·	
12 7·	12 8·	·	1		LS	EG	MC	2	4																								3 4 1 10	7·	8·	·02	2	K	1·	
12 8·	12 9·	·	1		LS	FG	MC	2	4																								3 4 1 11	8·	9·	·02	1	K	1·	
12 9·	13 0·	·	1		LS	EG	MC	2	4																								3 4 1 12	9·	0·	·02	1	K	1·	
13 0·	13 1·	·	1		LS	FG	MC	1	4																								3 4 1 13	0·	1·	·03	1	K	1·	
13 1·	13 2·	·	1		LS	EG	MC	1	4																								3 4 1 14	1·	2·	·01	1	K	1·	
13 2·	13 3·	·	1		LS	EG	MC	1	4																								3 4 1 15	2·	3·	·01	1	K	1·	
13 3·	13 4·	·	1		LS	EG	MC	1	4																								3 4 1 16	3·	4·	·02	1	K	1·	
13 4·	13 5·	·	1		LS	FG	MC	1	4	✓							T																3 4 1 17	4·	5·	·05	1	K	1·	
13 5·	13 6·	·	1		LS	EG	MC	1	4	✓									T														3 4 1 18	5·	6·	·06	1	K	1·	
13 6·	13 7·	·	1		LS	EG	MC	1	4	B									T														3 4 1 19	6·	7·	·02	1	14	8·	
13 7·	13 8·	·	1		LS	EG	MC	1	5	✓									TT														3 4 2 10	7·	8·	·02	1	15	·	
13 8·	13 9·	·	1		LS	EG	MC	1	5		✓								T														3 4 2 11	8·	9·	·03	1	12	·	
13 9·	14 0·	·	1		LS	EG	MC	1	5		✓								T														3 4 2 12	9·	0·	·02	1	12	·	
14 0·	14 1·	·	1		LS	EG	MC	2	5	C									T														3 4 2 13	0·	1·	·02	1	K	1·	
14 1·	14 2·	·	1		LS	EG	MC	2	5																								3 4 2 14	1·	2·	·05	1	K	1·	
14 2·	14 3·	·	1		LS	EG	MC	2	5		✓																						3 4 2 15	2·	3·	·05	1	K	1·	
14 3·	14 4·	·	1		LS	EG	MC	2	5																								3 4 2 16	3·	4·	·05	1	K	1·	
14 4·	14 5·	·	1		LS	EG	MC	2	5	T																							3 4 2 17	4·	5·	·02	1	K	1·	
14 5·	14 6·	·	1		LS	EG	MC	2	5	T																							3 4 2 18	5·	6·	K·01	1	14	1·	
14 6·	14 7·	·	1		LS	EG	MC	1	5																								3 4 2 19	6·	7·	·01	2	K	1·	
14 7·	14 8·	·	1		LS	EG	MC	1	5	T																							3 4 3 10	7·	8·	·01	1	K	1·	

230036

HER[redacted]D R[redacted]UR[redacted] LT[redacted]

SCOTTSDALE PROJECT

DEPOSIT NAME LINTON CROSS COURSE HOLE No. LIN 2 R

CODED BY N.J.T. DATE 18.2.96

INTERVAL FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX.	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE	VIS. GOLD TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	ASSAYS SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	REMARKS
48.	49.	.	1		LS	G	MC	1	5																					3431	8.	9.	.02	1	<1.	
49.	50.	.	1		LS	G	MC	1	5																					3432	9.	0.	.01	1	<1.	
50.	51.	.	1		LS	G	MK	1	5			✓																		3433	0.	1.	<.01	1	<1.	
51.	52.	.	1		LS	G	MC	1	5		✓								T											3434	1.	2.	.03	1	<1.	
52.	53.	.	1		S	EG	MK	2	4																					3435	2.	3.	<.01	1	<1.	
53.	54.	.	1		S	G	MC	2	5	T																				3436	3.	4.	<.01	1	<1.	
54.	55.	.	1		LS	G	MC	1	5	✓																				3437	4.	5.	<.01	1	<1.	
55.	56.	.	1		LS	G	MC	1	5																					3438	5.	6.	<.01	1	<1.	
56.	57.	.	1		S	EG	MC	2	4																					3439	6.	7.	.02	1	<1.	
57.	58.	.	1		S	EG	MC	2	4		✓						T													3440	7.	8.	<.01	2	<1.	
58.	59.	.	1		S	EG	MK	2	4		✓						T													3441	8.	9.	<.01	1	<1.	
59.	60.	.	1		LS	EG	MC	1	4	✓																				3442	9.	0.	<.01	1	<1.	
60.	61.	.	1		S	EG	MC	2	4																					3443	0.	1.	<.01	1	<1.	
61.	62.	.	1		LS	G	MC	1	5																					3444	1.	2.	<.01	2	<1.	
62.	63.	.	1		LS	G	MC	1	5																					3445	2.	3.	.01	1	<1.	
63.	64.	.	1		S	EG	MC	2	4																					3446	3.	4.	<.01	1	<1.	
64.	65.	.	1		S	EG	MC	2	4																					3447	4.	5.	<.01	1	<1.	
65.	66.	.	1		LS	EG	MC	1	4																					3448	5.	6.	<.01	1	<1.	

23037

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	LINTON LEASE	DRILL HOLE NO.	LIN 3R
COLLAR CO-	557534·5mE	RL 212·0		GRID NAME	
ORDINATES	8455372·4mN	HOLDER	HERALD/G. FISHER	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	LINTON FORESTER AREA,
TENEMENT	ML 64M/79			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	255°T ~~(Mag.)~~				
	(Grid)				

OBJECTIVES/RESULTS/COMMENTS: TEST CROSS COURSE JUST NORTH OF NO 2 LODE.

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	UDR650					
COMMENCED	3·10·95					
COMPLETED	3·10·95					
LOGGED BY	N.J. Turner					
LOGGING DATE	18·2·96					

230038

[redacted] RESOURCES LTD

SCOTTSDALE PROJECT

DEPOSIT NAME LINTEN CROSS COURSE HOLE No. LIN 3R

CODED BY N.S.T DATE 18.2.96

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	FG	M	C	2	3																														
11.	12.	.	1		IS	FG	M	C	2	3																														
12.	13.	.	1		IS	FG	M	C	2	3																														
13.	14.	.	1		IS	FM	C	2	3	E																														
14.	15.	.	1		IS	FM	C	2	3																									4 6 3 8	14	18	<0.01	1	<1.	
15.	16.	.	1		IS	FM	C	2	3																															
16.	17.	.	1		IS	FM	C	2	3	E																														
17.	18.	.	1		IS	FM	C	2	3																															
18.	19.	.	1		IS	FG	M	C	2	3																								4 6 3 8	12	12	0.02	1	1.	
19.	110.	.	1		IS	FG	M	C	2	3	C																													
110.	111.	.	1		IS	FG	M	C	2	3	I																													
111.	112.	.	1		IS	FG	M	C	2	3	T																													
112.	113.	.	1		IS	FG	M	C	2	3		T																						4 6 4 0	12	16	0.07	1	<1.	
113.	114.	.	1		LS	FG	M	C	1	3	T																													
114.	115.	.	1		LS	FG	M	C	1	3		E																												
115.	116.	.	1		IS	FG	M	C	2	3																														
116.	117.	.	1		LS	FG	M	C	1	3																								4 6 4 1	16	29	<0.01	1	<1.	
117.	118.	.	1		IS	FG	M	C	2	3																														
118.	119.	.	1		IS	FG	M	C	2	3																														
119.	120.	.	1		IS	FG	M	C	2	3																														
120.	121.	.	1		IS	FG	M	C	2	3																								4 6 4 2	20	24	0.02	1	<1.	
121.	122.	.	1		IS	FG	M	C	2	3																														
122.	123.	.	1		IS	FG	M	C	2	3																														
123.	124.	.	1		IS	FG	M	C	2	3																														

230039

[redacted]ERA[redacted] RE[redacted]URC[redacted]LT[redacted]

SCOTTSDALE PROJECT

DEPOSIT NAME LINTON CROSS COURSE HOLE No. LIN 3R

CODED BY NJT DATE 18 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	VIS. GOLD FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	REMARKS
24.	25.	.	1		LS	FG	MC	1	3																					46643	24	28	.07	1	K1.	
25.	26.	.	1		LS	FG	MC	1	3																								.		.	
26.	27.	.	1		LS	FG	MC	1	3																								.		.	
27.	28.	.	1		LS	FG	MC	1	3																										.	
28.	29.	.	1		S	FG	MC	2	3																					46644	28	32	.05	1	2.	
29.	30.	.	1		LS	FG	MC	1	3																											
30.	31.	.	1		LS	FG	MC	1	3																								.			
31.	32.	.	1		S	FG	MC	2	3																										.	
32.	33.	.	1		LS	FG	MC	1	3																					46645	32	36	.03	2	2.	
33.	34.	.	1		LS	EG	MC	1	4																								.			
34	35.	.	1		LS	EG	MC	1	4																								.			
35.	36.	.	1		LS	EG	MC	1	4																								.			
36.	37.	.	1		LS	EG	MC	1	4																					46646	36	40	.04	2	2.	
37.	38.	.	1		L	EG	MC	1	4																											
38.	39.	.	1		L	EG	MC	1	4																								.			
39.	40.	.	1		L	EG	MC	1	4																								.			
40.	41.	.	1		S	FG	MC	2	3																					46647	40	44	<.01	1	1.	
41.	42.	.	1		LS	EG	MC	1	4																								.		.	
42.	43.	.	1		S	EG	MC	2	4	T																							.		.	
43.	44.	.	1		LS	EG	MC	1	4		T						T																.		.	
44.	45.	.	1		LS	EG	MC	1	4	✓																				46648	44	48	<.01	1	1.	
45.	46.	.	1		LS	G	MC	1	5																								.			
46.	47.	.	1		LS	G	MK	1	5			✓																					.			
47.	4[illegible].	.	1		LS	G	MC	1	5																								.			

230040

HERALD RESOURCES LTD
SCOTTSDALE PROJECT

DEPOSIT NAME: LINTON CROSS COURSE HOLE No. LIN 3R

CODED BY: NJT DATE: 18.2.96

FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE	VIS. GOLD TYPE	FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO ASSAYS	SILVER g/t	REMARKS
48.	49.	.	1		LS	G	MC	1	5																					4649	48	52	<.01	1	<1.	
49.	50.	.	1		LS	G	MC	1	5	T																							.		.	
50.	51.	.	1		LS	G	MC	1	5																								.		.	
51.	52.	.	1		LS	G	MC	1	5	T																							.		.	
52.	53.	.	1		LS	G	MC	1	5																					4650	52	56	<.01	1	1.	
53.	54.	.	1		LS	G	MC	1	5	✓																							.			
54.	55.	.	1		S	G	MC	2	5			T							T														.		.	
55.	56.	.	1		S	G	MC	2	5			E							T														.			
56.	57.	.	1		S	G	MC	2	5			C							T											4651	56	60	<.01	1	1.	
57.	58.	.	1		LS	G	MC	1	5																								.		.	
58.	59.	.	1		LS	G	MC	1	5																								.		.	
59.	60.	.	1		LS	G	MC	1	5			✓																					.		.	

230041

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	LINTON LEASE	DRILL HOLE NO.	LIN 4R
COLLAR CO-ORDINATES	557532·6mE 5455385·3mN	RL	217·3m	GRID NAME	
		HOLDER	HERALD/G. FISHER	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	LINTON AREA, FORESTER
TENEMENT	ML 64M /79			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	147°T ~~(Mag.)~~ (Grid)				

OBJECTIVES/RESULTS/COMMENTS: TEST LINTON NO2 LODE.

COLLAR INCLINATION	50°					DOWN-HOLE SURVEY RESULTS (Mag//Grid)
TOTAL LENGTHS	60m	DRILLING TYPE	FROM	TO	HOLE/CORE DIAM	
DRILLING CONTRACTOR	DIAMOND DRILLING TASMANIA P/L	RC	0	60	4 inch	
RIG TYPE	UDR650					
COMMENCED	3·10·95					
COMPLETED	3·10·95					
LOGGED BY	N.J. Turner					
LOGGING DATE	18·2·96					

230042

HERALD RESOURCES LTD.
SCOTTSDALE PROJECT

DEPOSIT NAME LINTON NO 2 LODE HOLE No. LIN 4R

CODED BY NST DATE 18.2.96

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		LS	LGY	FMC	2	3																							3510	10.	11.	.01	2	K1.	
11.	12.	.	1		LS	LGY	FMC	2	3																							3511	11.	12.	.02	1	K1.	
12.	13.	.	1		LS	LGY	EGM	C	1	4																						3512	12.	13.	.02	1	K1.	
13.	14.	.	1		LS	LGY	EGM	C	1	4																						3513	13.	14.	.04	1	K1.	
14.	15.	.	1		LS	LGY	FGM	C	1	3																						3514	14.	15.	.16	1	K1.	
15.	16.	.	1		LS	LGY	FGM	C	2	3																						3515	15.	16.	.06	1	K1.	
16.	17.	.	1		LS	LGY	FMC		2	3																						3516	16.	17.	.03	1	K1.	
17.	18.	.	1		LS	LGY	FGM	C	1	3																						3517	17.	18.	.01	1	K1.	
18.	19.	.	1		LS	LGY	FMC		1	3	F																					3518	18.	19.	.01	1	K1.	
19.	110.	.	1		LS	LGY	FMC		1	3	F																					3519	19.	110.	.02	1	K1.	
110.	111.	.	1		LS	LGY	FGM	C	2	3																						3520	110.	111.	.04	1	K1.	
111.	112.	.	1		LS	LGY	FGM	C	2	3																						3521	111.	112.	.02	1	K1.	
112.	113.	.	1		LS	LGY	FGM	C	1	3	✓						T															3522	112.	113.	.10	1	K1.	
113.	114.	.	1		LS	LGY	FGM	C	2	3	T																					3523	113.	114.	.10	1	K1.	
114.	115.	.	1		LS	LGY	FGM	C	2	3	C						T															3524	114.	115.	.21	1	K1.	
115.	116.	.	1		LS	LGY	FGM	C	2	3	B						T															3525	115.	116.	.17	2	K1.	
116.	117.	.	1		LS	LGY	FGM	C	2	3																						3526	116.	117.	.02	1	K1.	
117.	118.	.	1		LS	LGY	FGM	C	2	3																						3527	117.	118.	.01	1	K1.	
118.	119.	.	1		LS	LGY	FGM	C	2	3	D						✓															3528	118.	119.	.08	1	K10.	
119.	120.	.	1		LS	LGY	FGM	C	1	3																						3529	119.	120.	.02	1	K1.	
120.	121.	.	1		LS	LGY	EGM	C	1	4																						3530	120.	121.	.01	2	K1.	
121.	122.	.	1		LS	LGY	FGM	C	1	3																						3531	121.	122.	.02	1	K1.	
122.	123.	.	1		LS	LGY	FGM	C	1	3																						3532	122.	123.	.01	1	K1.	
123.	124.	.	1		LS	LGY	FGM	C	1	3																						3533	123.	124.	.01	1	K1.	

23004 3

HERALD RESOURCES LTD.
SCOTTSDALE PROJECT

DEPOSIT NAME LINTON NO. 2 LODE HOLE No. LIN 4R

CODED BY NJT DATE 18-2-96

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		LS	FG	MC	1	3																								3513	4	5	·012	1	<1	
125	126	·	1		LS	FG	MC	2	3																								3514	5	6	·011	1	<1	
126	127	·	1		LS	EG	MC	1	4																								3515	6	7	·013	1	<1	
127	128	·	1		LS	FG	MC	1	3	T						T																3516	7	8	·013	1	<1	
128	129	·	1		LS	FG	MC	2	3																								3517	8	9	·411	1	<1	
129	130	·	1		LS	EG	MC	1	3	✓																							3518	9	0	·212	1	12	
130	131	·	1		LS	EG	MC	1	4																								3519	0	1	·044	2	11	
131	132	·	1		LS	EG	MC	1	4																								3520	1	2	·017	1	<1	
132	133	·	1		LS	EG	MC	1	4	✓																							3521	2	3	·016	1	<1	
133	134	·	1		L	EG	VC	1	4																								3522	3	4	·013	1	<1	
134	135	·	1		LS	EG	MC	1	4																								3523	4	5	·016	1	<1	
135	136	·	1		LS	EG	MC	2	4		✓																						3524	5	6	·015	2	<1	
136	137	·	1		LS	EG	MC	1	4																								3525	6	7	·111	1	<1	
137	138	·	1		LS	EG	MC	2	5																								3526	7	8	·013	1	<1	
138	139	·	1		LS	EG	MC	2	4																								3527	8	9	·016	1	<1	
139	140	·	1		LS	EG	MC	1	4																								3528	9	0	·117	1	<1	
140	141	·	1		LS	FG	MC	1	3																								3529	0	1	·016	1	<1	
141	142	·	1		LS	EG	MC	1	4																								3530	1	2	·012	1	<1	
142	143	·	1		LS	FG	MC	1	5	T																						3531	2	3	·018	1	<1	
143	144	·	1		LS	EG	MC	2	4																								3532	3	4	·210	1	<1	
144	145	·	1		LS	EG	MC	2	4	T																						3533	4	5	·018	1	<1	
145	146	·	1		LS	FG	MC	2	5																								3534	5	6	·015	2	<1	
146	147	·	1		LS	FG	MC	1	5																								3535	6	7	·014	1	<1	
147	148	·	1		LS	FG	MC	2	5																								3536	7	8	·012	1	<1	

230044

HERALD RESOURCES LTD

SCOTTSDALE PROJECT

DEPOSIT NAME: LINTON NO 2 LODE HOLE No.: LIN 4 R

CODED BY: N.J.T. DATE: 18.2.96

FROM	TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	Mn OX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE	VIS. GOLD TYPE	VIS. GOLD FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	FROM	TO	GOLD g/t	NO. ASSAYS	SILVER g/t	REMARKS
48.	49.	.	1		S	G	MC	2	5																					3557	8.	9.	.03	1	<1.	
49.	50.	.	1		S	G	MC	2	5	T									T											3558	9.	0.	<.01	1	<1.	
50.	51.	.	1		LS	G	MC	1	5																					3559	0.	1.	<.01	1	<1.	
51.	52.	.	1		S	G	MC	2	5																					3560	1.	2.	.01	1	<1.	
52.	53.	.	1		LS	G	MC	1	5	T																				3561	2.	3.	.01	1	<1.	
53.	54.	.	1		S	G	MC	2	5										T											3562	3.	4.	.03	1	<1.	
54.	55.	.	1		S	G	MC	2	5		T								T											3563	4.	5.	.04	1	<1.	
55.	56.	.	1		S	G	MC	2	5																					3564	5.	6.	.02	2	<1.	
56.	57.	.	1		LS	G	MC	1	5																					3565	6.	7.	.01	1	<1.	
57.	58.	.	1		LS	G	MC	1	5																					3566	7.	8.	.01	1	<1.	
58.	59.	.	1		LS	G	MC	1	5																					3567	8.	9.	.02	2	<1.	
59.	60.	.	1		LS	G	MC	1	5																					3568	9.	0.	<.01	1	<1.	

230045

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	LINTON LEASE	DRILL HOLE NO.	LIN 5 R
COLLAR CO-	557586·1 mE	RL	191·8 m	GRID NAME	
ORDINATES	5455475·7mN	HOLDER	HERALD / G. FISHER	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	LINTON AREA, FORESTER
TENEMENT	ML64M/79			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	261°T ~~(Mag.)~~				
	(Grid)				

OBJECTIVES/RESULTS/COMMENTS: TEST SOIL GEOCHEM. ANOMALY JUST NORTH OF LINTON LODES.

COLLAR INCLINATION	50°					DOWN-HOLE SURVEY RESULTS (Mag/Grid)
TOTAL LENGTHS	54m	DRILLING TYPE	FROM	TO	HOLE/CORE DIAM	
DRILLING CONTRACTOR	DIAMOND DRILLING TASMANIA P/L	RC	0	54	4 inch	
RIG TYPE	UDR650					
COMMENCED	4·10·95					
COMPLETED	4·10·95					
LOGGED BY	N.J. Turner					
LOGGING DATE	18·2·96					

HERALD RESOURCES LTD.

SCOTTSDALE PROJECT

DEPOSIT NAME LINTON N. OF NO 2 LODE HOLE No. LINSR

CODED BY NST DATE 18·2·86

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
10·	11·	·	0		18	N	M	C	4	0																							4 6 5 2 0	4·	·06	1	1·		
11·	12·	·	1		15	F	M	C	2	2																														
12·	13·	·	1		15	F	M	C	2	2	T																													
13·	14·	·	1		15	F	M	C	2	3																														
14·	15·	·	1		15	F	M	C	2	3																							4 6 5 3 4·	8·	<·01	1	1·		
15·	16·	·	1		15	F	M	C	2	3																														
16·	17·	·	1		15	F	G	M	C	2	3																													
17·	18·	·	1		L 15	F	G	M	C	1	3																													
18·	19·	·	1		L 15	F	G	M	C	1	3																							4 6 5 4 8·	12	·07	1	1·		
19·	110·	·	1		L 15	F	G	M	C	1	3																													
110·	111·	·	1		L 15	F	G	M	C	1	3																													
111·	112·	·	1		L 15	F	G	M	C	1	3																													
112·	113·	·	1		L 15	F	G	M	C	1	3																							4 6 5 5 12	16	·02	1	1·		
113·	114·	·	1		15	F	G	M	C	2	3																													
114·	115·	·	1		15	F	G	M	C	2	3																													
115·	116·	·	1		15	F	G	M	C	2	3																													
116·	117·	·	1		L 15	F	G	M	C	1	3																							4 6 5 6 16	20	·01	1	1·		
117·	118·	·	1		L 15	F	G	M	C	1	3																													
118·	119·	·	1		15	F	G	M	C	2	3																													
119·	210·	·	1		15	F	G	M	C	2	3																													
210·	211·	·	1		15	F	G	M	C	2	3	✓						✓																4 6 5 7 20	24	·13	1	1·		
211·	212·	·	1		L 15	E	G	M	C	1	4	✓						✓																						
212·	213·	·	1		L 15	E	G	M	C	1	4																													
213·	214·	·	1		L 15	E	G	M	C	1	4																													

23004

HERALD RESOURCES LTD.
SCOTTSDALE PROJECT

DEPOSIT NAME LINTON N. OF NO. 2 LODE HOLE No. LINSR

CODED BY NJT DATE 18.2.96

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	E G	M	C	1	4																																
26	27		1		L	E G	V	C	1	4																																
27	28		1		L	G	V	C	1	5	T																															
28	29		1		S	G	M	C	2	5																										4 6 5 5	28	32	< 0.01	1	1	
29	30		1		S	G	M	C	2	5																																
30	31		1		LS	G	M	C	1	5																																
31	32		1		LS	E G	M	C	1	4																																
32	33		1		LS	E G	M	C	1	4		✓																								4 6 6 0	32	36	< 0.01	1	1	
33	34		1		S	G	M	C	2	5	T																															
34	35		1		S	G	M	C	2	5																																
35	36		1		S	G	M	C	2	5		✓					✓																										
36	37		1		S	G	M	C	2	5																										4 6 6 1	36	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		LS	G	M	C	1	5																																
40	41		1		S	G	M	C	2	5																										4 6 6 2	40	44	< 0.01	1	2	
41	42		1		L	G	V	C	1	5																																
42	43		1		LS	G	M	C	1	5																																
43	44		1		LS	G	M	C	1	5																																
44	45		1		S	G	M	C	2	5								T																	4 6 6 3	44	48	< 0.01	1	1	
45	46		1		LS	G	M	C	1	5																																
46	47		1		S	G	M	C	2	5																																
47	48		1		S	G	M	C	2	5																																

230048

HERALD RESOURCES LTD

SCOTTSDALE PROJECT

DEPOSIT NAME: LINTON N. OF NO. 2 LODE   HOLE No. LIN 5R

CODED BY: NJT   DATE: 18.2.96

INTERVAL FROM	INTERVAL TO	RECOVERY	STRAT. SEQ.	ROCK UNIT	ROCK TYPE	COLOUR	TEXTURE	GRAIN SIZE	WEATHERING	QUARTZ 1	QUARTZ 2	QUARTZ 3	QUARTZ 4	CHLORITE	MICA	CARBONATE	LIMONITE	MnOX	PYRITE	PYRRHOTITE	ARSENOPYRITE	CHALCOPYRITE	GALENA	SPHALERITE	VIS. GOLD TYPE	VIS. GOLD FREQUENCY	TYPE	FREQUENCY	BLEACHING	SAMPLE NUMBER	ASSAY FROM	ASSAY TO	GOLD g/t	NO. ASSAYS	SILVER g/t	REMARKS
48.	49.	.	1		S	G	MC	2	5																					46664	48	52	<.01	1	1.	
49.	50.	.	1		LS	G	MC	1	5																								.			
50.	51.	.	1		LS	G	MC	1	5																								.		.	
51.	52.	.	1		LS	G	MC	1	5																						.	.	.		.	
52.	53.	.	1		S	G	MC	2	5																					46665	52	54	<.01	2	1.	
53.	54.	.	1		LS	G	MC	1	5																								.			

230049

HERALD RESOURCES LIMITED DRILL LOG COVER SHEET

PROJECT	SCOTTSDALE	PROSPECT	LINTON LEASE	DRILL HOLE NO.	LIN 6 R
COLLAR CO-	557547·5mE	RL	212·6 m	GRID NAME	
ORDINATES	5455200·2mN	HOLDER	HERALD / G. FISHER	MANAGER	
MINERAL	GOLD	1:500,000 SHEET		LOCATION	LINTON AREA FORESTER
TENEMENT	ML 64M / 79			(Cadastral/General)	
1:250,000 SHEET NO					
COLLAR BEARING	81° T ~~(Mag.)~~				
	(Grid)				
		OBJECTIVES/RESULTS/COMMENTS: TEST LINTON NO 3 LODE.			
COLLAR INCLINATION	50°			DOWN-HOLE SURVEY RESULTS (Mag//Grid)	

TOTAL LENGTHS		DRILLING TYPE	FROM	TO	HOLE/CORE DIAM	
DRILLING CONTRACTOR	DIAMOND DRILLING TAS. P/L.	RC	0	54	4 inch	
RIG TYPE	UDR650					
COMMENCED	4·10·95					
COMPLETED	4·10·95					
LOGGED BY	N.J. Turner					
LOGGING DATE	18·2·96					

230050

HERALD RESOURCES LTD
SCOTTSDALE PROJECT

DEPOSIT NAME LINTON N.C.3 LODE .... HOLE No. LIN 6R ....

CODED BY N.J.T. .... DATE 18·2·96 ....

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
0·	1·	·	0		R	N		4	V																					3623	0·	1·	·07	1	2·	
1·	2·	·	1		S	F	MC	2	3	D																				3624	1·	2·	16·40	2	3·	
2·	3·	·	1		S	F	MC	2	3	✓																				3625	2·	3·	·55	1	1·	
3·	4·	·	1		S	FG	MC	2	3																					3626	3·	4·	·09	1	1·	
4·	5·	·	1		LS	FG	MC	1	3	T																				3627	4·	5·	·41	1	<1·	
5·	6·	·	1		LS	FG	MC	1	3	T																				3628	5·	6·	·10	1	2·	
6·	7·	·	1		LS	FG	MC	1	3																					3629	6·	7·	·03	1	1·	
7·	8·	·	1		LS	FG	MC	1	3																					3630	7·	8·	·01	1	2·	
8·	9·	·	1		LS	FG	VC	1	3																					3631	8·	9·	·01	1	1·	
9·	10·	·	1		LS	FG	MC	1	3																					3632	9·	0·	·02	1	2·	
10·	11·	·	1		S	EG	MC	2	3																					3633	0·	1·	·06	1	1·	
11·	12·	·	1		S	FG	MC	2	3																					3634	1·	2·	·16	1	1·	
12·	13·	·	1		S	FG	MC	2	3	T																				3635	2·	3·	·13	1	1·	
13·	14·	·	1		LS	EG	MC	1	4																					3636	3·	4·	·18	1	1·	
14·	15·	·	1		LS	EG	MC	1	4																					3637	4·	5·	·08	1	2·	
15·	16·	·	1		S	EG	MC	2	4		✓						T													3638	5·	6·	·09	1	1·	
16·	17·	·	1		S	EG	MC	2	4	✓																				3639	6·	7·	·88	1	1·	
17·	18·	·	1		S	EG	MC	2	4	T																				3640	7·	8·	·52	1	2·	
18·	19·	·	1		LS	EG	MC	1	4																					3641	8·	9·	·04	1	1·	
19·	20·	·	1		LS	EG	MC	1	4																					3642	9·	0·	·10	1	2·	
20·	21·	·	1		LS	EG	MC	1	4	✓																				3643	0·	1·	·14	1	2·	
21·	22·	·	1		LS	EG	MC	1	4	✓																				3644	1·	2·	·14	2	2·	
22·	23·	·	1		LS	EG	MC	1	4	T																				3645	2·	3·	·08	1	1·	
23·	24·	·	1		S	EG	MC	2	4		C						T													3646	3·	4·	·11	1	2·	

230051

HERALD RESOURCES LTD.
SCOTTSDALE PROJECT

DEPOSIT NAME LINTON NO. 3 LODE HOLE No. LINGR

CODED BY NJT DATE 18.2.96

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	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	68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
124	125		1		LS	EG	MC	1	4	✓																							3164	4	5	0152		12	
125	126		1		LS	EG	MC	1	4	✓																							3164	5	6	<0.01	1	12	
126	127		1		LS	EG	MC	2	4																								3164	6	7	0.14	1	12	
127	128		1		LS	EG	MC	2	4																								3165	7	8	0.20	1	11	
128	129		1		LS	EG	MC	1	4																								3165	8	9	0.46	1	11	
129	130		1		LS	EG	MC	1	4																								3165	9	10	0.14	1	11	
130	131		1		LS	EG	MC	2	4	C							T															3165	10	11	0.10	1	12	
131	132		1		LS	EG	MC	2	4	T																							3165	11	12	0.01	1	11	
132	133		1		LS	EG	MC	2	4																								3165	12	13	0.02	1	11	
133	134		1		LS	EG	MC	2	4																								3165	13	14	0.02	1	11	
134	135		1		LS	EG	MC	2	4																								3165	14	15	0.64	1	11	
135	136		1		LS	EG	MC	2	4																								3165	15	16	0.80	1	12	
136	137		1		LS	EG	MC	2	4																								3165	16	17	0.15	2	11	
137	138		1		LS	EG	MC	2	4	T																							3166	17	18	12.11	2	12	
138	139		1		LS	EG	MC	2	4	✓																							3166	18	19	0.15	1	12	
139	140		1		LS	EG	MC	1	4																								3166	19	20	0.21	1	11	
140	141		1		LS	EG	MC	2	4																								3166	30	31	0.12	1	11	
141	142		1		LS	EG	MC	2	5																								3166	41	42	0.04	1	11	
142	143		1		LS	EG	MC	2	5																								3166	52	53	0.02	1	11	
143	144		1		LS	EG	MC	2	4	T									T													3166	63	64	0.03	1	<11	
144	145		1		LS	EG	MC	2	4	T																							3166	74	75	0.02	1	11	
145	146		1		LS	EG	MC	2	4																								3166	85	86	0.31	1	12	
146	147		1		LS	EG	MC	2	5	T																							3166	96	97	0.08	2	12	
147	148		1		LS	EG	MC	2	5										TT													3167	07	08	0.95	2	12	

230052

HERALD RESOURCES LTD.

SCOTTSDALE PROJECT

DEPOSIT NAME LINTON NO. 2 LODE HOLE No. LIN 6 R

CODED BY NST DATE 18.2.96

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	149		1		S	E	G	M	C	2	4		B				1																361218	2		0 3	1	1	
149	150		1		S		G	M	C	2	5	T																				361228	2		0 3	1	1	
150	151		1		C	S	G	M	C	1	5																						361238	2		0 3	1	2	
151	152		1		S		G	M	C	2	5																						361248	2		0 4	1	1	
152	153		1		S		G	M	C	2	5																						361258	2	6	0 4	1	2	
153	154		1		S	E	G	M	C	2	4																						361268	2	6	0 4	1	2	

APPENDIX 6:

ANALYTICAL DATA FOR DRILL HOLES

Analyst:

Analabs Pty Ltd
14 Thirkell Street
COOEE TAS 7320

APPENDIX 6 ML64M/79 LINTON

Analytical Data for Drill Holes.

hole-id	samp-id	depth-from	depth-to	Au-av	Au1	Au2	Au3	Ag
LIN002R	H3383	0	1	0.053	0.053			-1
LIN002R	H3384	1	2	0.019	0.019			-1
LIN002R	H3385	2	3	-0.008	-0.008		-0.008	-1
LIN002R	H3386	3	4	0.014	0.014			-1
LIN002R	H3387	4	5	0.027	0.027			-1
LIN002R	H3388	5	6	-0.008	-0.008			-1
LIN002R	H3389	6	7	0.014	0.014			-1
LIN002R	H3390	7	8	0.026	0.026			-1
LIN002R	H3391	8	9	0.014	0.014			-1
LIN002R	H3392	9	10	0.03	0.03			-1
LIN002R	H3393	10	11	0.201	0.201			-1
LIN002R	H3394	11	12	0.036	0.04	0.032		-1
LIN002R	H3395	12	13	0.02	0.02			-1
LIN002R	H3396	13	14	0.031	0.031			-1
LIN002R	H3397	14	15	0.05	0.05			-1
LIN002R	H3398	15	16	0.107	0.107			-1
LIN002R	H3399	16	17	0.247	0.247			-1
LIN002R	H3400	17	18	1.69	1.69			-1
LIN002R	H3401	18	19	0.071	0.071			-1
LIN002R	H3402	19	20	0.039	0.039			-1
LIN002R	H3403	20	21	-0.008	-0.008			-1
LIN002R	H3404	21	22	0.059	0.052	0.066		-1
LIN002R	H3405	22	23	0.078	0.078			-1
LIN002R	H3406	23	24	0.094	0.094			-1
LIN002R	H3407	24	25	0.111	0.111			-1
LIN002R	H3408	25	26	0.092	0.092			-1
LIN002R	H3409	26	27	0.031	0.031			-1
LIN002R	H3410	27	28	0.0755	0.07		0.081	-1
LIN002R	H3411	28	29	0.022	0.022			-1
LIN002R	H3412	29	30	0.02	0.02			-1
LIN002R	H3413	30	31	0.028	0.028			-1
LIN002R	H3414	31	32	0.012	0.012			-1
LIN002R	H3415	32	33	0.014	0.014			-1
LIN002R	H3416	33	34	0.016	0.016			-1
LIN002R	H3417	34	35	0.049	0.049			-1
LIN002R	H3418	35	36	0.064	0.064			-1
LIN002R	H3419	36	37	0.024	0.024			48
LIN002R	H3420	37	38	0.083	0.083			3
LIN002R	H3421	38	39	0.029	0.029			2
LIN002R	H3422	39	40	0.017	0.017			2
LIN002R	H3423	40	41	0.023	0.023			-1
LIN002R	H3424	41	42	0.08	0.08			-1
LIN002R	H3425	42	43	0.049	0.049			-1
LIN002R	H3426	43	44	0.052	0.052			-1
LIN002R	H3427	44	45	0.017	0.017			-1
LIN002R	H3428	45	46	-0.008	-0.008			-1
LIN002R	H3429	46	47	0.0085	0.009	0.008		-1
LIN002R	H3430	47	48	0.011	0.011			-1
LIN002R	H3431	48	49	0.025	0.025			-1
LIN002R	H3432	49	50	0.01	0.01			-1
LIN002R	H3433	50	51	-0.008	-0.008			-1

APPENDIX 6 ML64M/79 LINTON

Analytical Data for Drill Holes.

hole-id	samp-id	depth-from	depth-to	Au-av	Au1	Au2	Au3	Ag
LIN002R	H3434	51	52	0.026	0.026			-1
LIN002R	H3435	52	53	-0.008	-0.008			-1
LIN002R	H3436	53	54	-0.008	-0.008			-1
LIN002R	H3437	54	55	-0.008	-0.008			-1
LIN002R	H3438	55	56	-0.008	-0.008			-1
LIN002R	H3439	56	57	0.019	0.019			-1
LIN002R	H3440	57	58	0.013	-0.008		0.013	-1
LIN002R	H3441	58	59	-0.008	-0.008			-1
LIN002R	H3442	59	60	-0.008	-0.008			-1
LIN002R	H3443	60	61	-0.008	-0.008			-1
LIN002R	H3444	61	62	0.002	-0.008	0.012		-1
LIN002R	H3445	62	63	0.014	0.014			-1
LIN002R	H3446	63	64	-0.008	-0.008			-1
LIN002R	H3447	64	65	-0.008	-0.008			-1
LIN002R	H3448	65	66	-0.008	-0.008			-1
LIN003R	H4637	0	4	0.091	0.091			-1
LIN003R	H4638	4	8	-0.008	-0.008			-1
LIN003R	H4639	8	12	0.02	0.02			1
LIN003R	H4640	12	16	0.087	0.087			-1
LIN003R	H4641	16	20	-0.008	-0.008			-1
LIN003R	H4642	20	24	0.021	0.021			-1
LIN003R	H4643	24	28	0.071	0.071			-1
LIN003R	H4644	28	32	0.053	0.053			2
LIN003R	H4645	32	36	0.0265	0.032		0.021	2
LIN003R	H4646	36	40	0.044	0.044			2
LIN003R	H4647	40	44	-0.008	-0.008			1
LIN003R	H4648	44	48	0.014	0.014	-0.008		1
LIN003R	H4649	48	52	-0.008	-0.008			-1
LIN003R	H4650	52	56	-0.008	-0.008			1
LIN003R	H4651	56	60	-0.008	-0.008			1
LIN004R	H3509	0	1	0.0185	0.015		0.022	-1
LIN004R	H3510	1	2	0.018	0.018			-1
LIN004R	H3511	2	3	0.021	0.021			-1
LIN004R	H3512	3	4	0.04	0.04			-1
LIN004R	H3513	4	5	0.158	0.158			-1
LIN004R	H3514	5	6	0.058	0.058			-1
LIN004R	H3515	6	7	0.026	0.026			-1
LIN004R	H3516	7	8	0.013	0.013			-1
LIN004R	H3517	8	9	0.008	0.008			-1
LIN004R	H3518	9	10	0.019	0.019			-1
LIN004R	H3519	10	11	0.045	0.045			-1
LIN004R	H3520	11	12	0.025	0.025			-1
LIN004R	H3521	12	13	0.101	0.101			-1
LIN004R	H3522	13	14	0.104	0.104			-1
LIN004R	H3523	14	15	0.208	0.208			-1
LIN004R	H3524	15	16	0.166	0.164		0.168	-1
LIN004R	H3525	16	17	0.021	0.021			-1
LIN004R	H3526	17	18	0.008	0.008			-1
LIN004R	H3527	18	19	0.097	0.097			-1
LIN004R	H3528	19	20	0.02	0.02			-1
LIN004R	H3529	20	21	0.015	0.012	0.018		-1

APPENDIX 6 ML64M/79 LINTON

Analytical Data for Drill Holes.

hole-id	samp-id	depth-from	depth-to	Au-av	Au1	Au2	Au3	Ag
LIN004R	H3530	21	22	0.023	0.023			-1
LIN004R	H3531	22	23	0.013	0.013			-1
LIN004R	H3532	23	24	0.013	0.013			-1
LIN004R	H3533	24	25	0.017	0.017			-1
LIN004R	H3534	25	26	0.011	0.011			-1
LIN004R	H3535	26	27	0.029	0.029			-1
LIN004R	H3536	27	28	0.031	0.031			-1
LIN004R	H3537	28	29	0.412	0.412			-1
LIN004R	H3538	29	30	0.218	0.218			2
LIN004R	H3539	30	31	0.0405	0.045	0.036		1
LIN004R	H3540	31	32	0.092	0.092			-1
LIN004R	H3541	32	33	0.056	0.056			-1
LIN004R	H3542	33	34	0.029	0.029			-1
LIN004R	H3543	34	35	0.06	0.06			-1
LIN004R	H3544	35	36	0.051	0.051			-1
LIN004R	H3545	36	37	0.115	0.115			-1
LIN004R	H3546	37	38	0.035	0.035			-1
LIN004R	H3547	38	39	0.06	0.06			-1
LIN004R	H3548	39	40	0.169	0.169			-1
LIN004R	H3549	40	41	0.065	0.065			-1
LIN004R	H3550	41	42	0.088	0.088			-1
LIN004R	H3551	42	43	0.082	0.082			-1
LIN004R	H3552	43	44	0.202	0.202			-1
LIN004R	H3553	44	45	0.077	0.077			-1
LIN004R	H3554	45	46	0.046	0.039	0.053		-1
LIN004R	H3555	46	47	0.04	0.04			-1
LIN004R	H3556	47	48	0.023	0.023			-1
LIN004R	H3557	48	49	0.034	0.034			-1
LIN004R	H3558	49	50	-0.008	-0.008			-1
LIN004R	H3559	50	51	-0.008	-0.008			-1
LIN004R	H3560	51	52	0.01	0.01			-1
LIN004R	H3561	52	53	0.011	0.011			-1
LIN004R	H3562	53	54	0.028	0.028			-1
LIN004R	H3563	54	55	0.039	0.039			-1
LIN004R	H3564	55	56	0.016	0.013	0.019		-1
LIN004R	H3565	56	57	0.012	0.012			-1
LIN004R	H3566	57	58	0.008	0.008			-1
LIN004R	H3567	58	59	0.019	0.012		0.026	-1
LIN004R	H3568	59	60	-0.008	-0.008			-1
LIN005R	H4652	0	4	0.057	0.057			1
LIN005R	H4653	4	8	-0.008	-0.008			-1
LIN005R	H4654	8	12	0.067	0.067			1
LIN005R	H4655	12	16	0.024	0.024			1
LIN005R	H4656	16	20	0.012	0.012			1
LIN005R	H4657	20	24	0.126	0.126			1
LIN005R	H4658	24	28	-0.008	-0.008	-0.008		1
LIN005R	H4659	28	32	-0.008	-0.008			1
LIN005R	H4660	32	36	-0.008	-0.008			1
LIN005R	H4661	36	40	-0.008	-0.008			-1
LIN005R	H4662	40	44	-0.008	-0.008			2
LIN005R	H4663	44	48	-0.008	-0.008			1

APPENDIX 6 ML64M/79 LINTON

Analytical Data for Drill Holes.

hole-id	samp-id	depth-from	depth-to	Au-av	Au1	Au2	Au3	Ag
LIN005R	H4664	48	52	-0.008	-0.008			1
LIN005R	H4665	52	54	-0.008	-0.008		-0.008	1
LIN006R	H3623	0	1	0.071	0.071			2
LIN006R	H3624	1	2	16.4	16	16.8		3
LIN006R	H3625	2	3	0.551	0.551			1
LIN006R	H3626	3	4	0.089	0.089			1
LIN006R	H3627	4	5	0.413	0.413			-1
LIN006R	H3628	5	6	0.1	0.1			2
LIN006R	H3629	6	7	0.029	0.029			1
LIN006R	H3630	7	8	0.008	0.008			2
LIN006R	H3631	8	9	0.013	0.013			1
LIN006R	H3632	9	10	0.0165	0.015		0.018	1
LIN006R	H3633	10	11	0.064	0.064			1
LIN006R	H3634	11	12	0.1605	0.159	0.162		1
LIN006R	H3635	12	13	0.131	0.131			1
LIN006R	H3636	13	14	0.183	0.183			1
LIN006R	H3637	14	15	0.076	0.076			2
LIN006R	H3638	15	16	0.086	0.086			1
LIN006R	H3639	16	17	0.884	0.884			1
LIN006R	H3640	17	18	0.521	0.521			2
LIN006R	H3641	18	19	0.044	0.044			1
LIN006R	H3642	19	20	0.097	0.097			2
LIN006R	H3643	20	21	0.144	0.144			2
LIN006R	H3644	21	22	0.1375	0.126	0.149		2
LIN006R	H3645	22	23	0.083	0.083			1
LIN006R	H3646	23	24	0.106	0.106			2
LIN006R	H3647	24	25	0.0515	0.063		0.04	2
LIN006R	H3648	25	26	-0.008	-0.008			2
LIN006R	H3649	26	27	0.137	0.137			2
LIN006R	H3650	27	28	0.203	0.203			1
LIN006R	H3651	28	29	0.46	0.46			1
LIN006R	H3652	29	30	0.145	0.145			1
LIN006R	H3653	30	31	0.101	0.101			2
LIN006R	H3654	31	32	0.012	0.012			1
LIN006R	H3655	32	33	0.025	0.025			1
LIN006R	H3656	33	34	0.022	0.022			1
LIN006R	H3657	34	35	0.621	0.621			1
LIN006R	H3658	35	36	0.805	0.805			2
LIN006R	H3659	36	37	0.1455	0.14	0.151		1
LIN006R	H3660	37	38	2.12	2.12			2
LIN006R	H3661	38	39	0.046	0.046			2
LIN006R	H3662	39	40	0.225	0.225			1
LIN006R	H3663	40	41	0.116	0.116			1
LIN006R	H3664	41	42	0.038	0.038			1
LIN006R	H3665	42	43	0.024	0.024			1
LIN006R	H3666	43	44	0.031	0.031			-1
LIN006R	H3667	44	45	0.02	0.02			1
LIN006R	H3668	45	46	0.313	0.313			2
LIN006R	H3669	46	47	0.0775	0.067	0.088		2
LIN006R	H3670	47	48	0.0535	0.054		0.053	2
LIN006R	H3671	48	49	0.031	0.031			1

230059

APPENDIX 6 ML64M/79 LINTON

Analytical Data for Drill Holes.

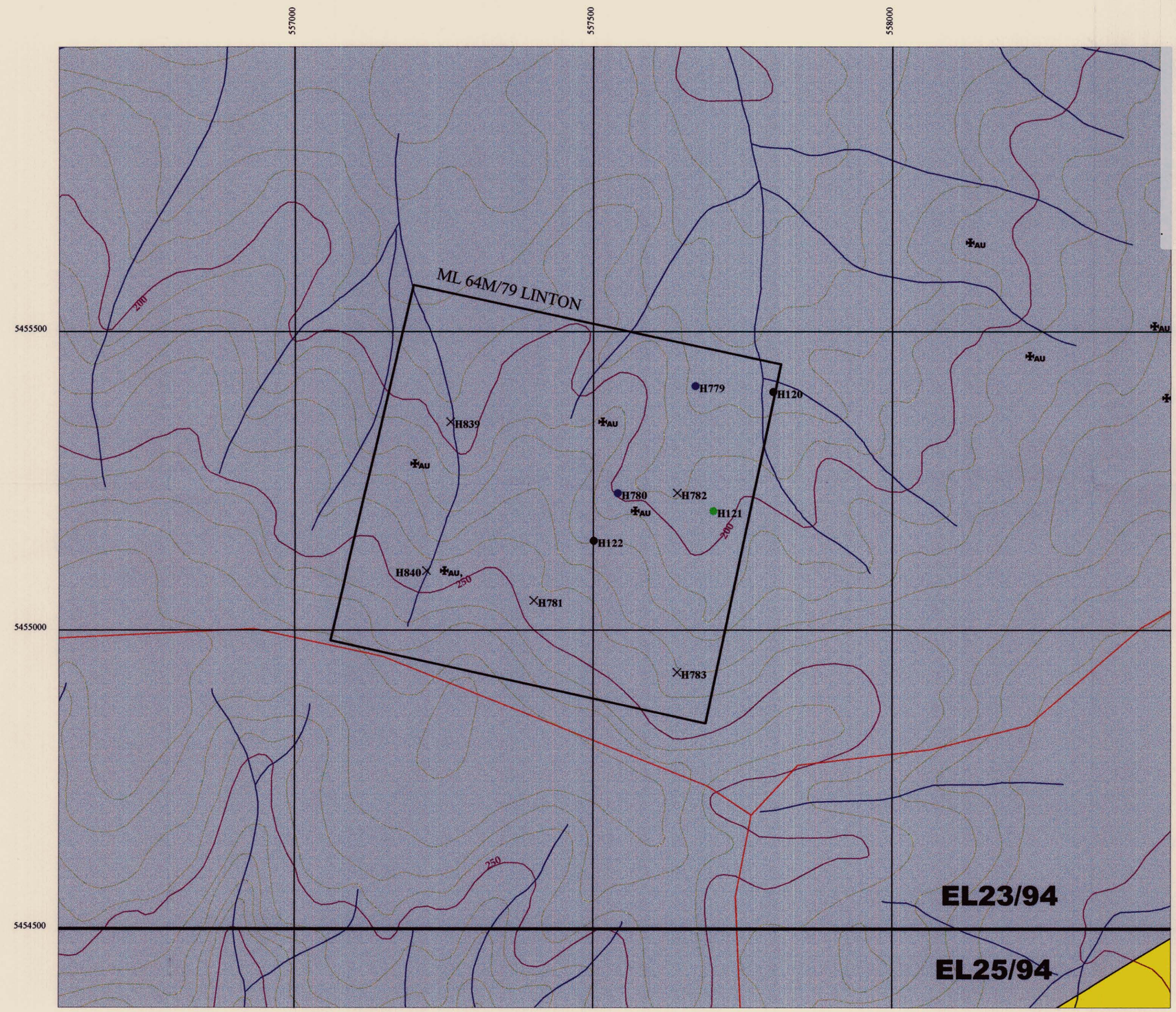
hole-id	samp-id	depth-from	depth-to	Au-av	Au1	Au2	Au3	Ag
LIN006R	H3672	49	50	0.03	0.03			1
LIN006R	H3673	50	51	0.034	0.034			2
LIN006R	H3674	51	52	0.037	0.037			1
LIN006R	H3675	52	53	0.045	0.045			2
LIN006R	H3676	53	54	0.036	0.036			2
			Units	ppm	ppm	ppm	ppm	ppm
			Detec. Limits		0.008	0.008	0.008	1

Any negative value indicates sample analysis below detection limits.

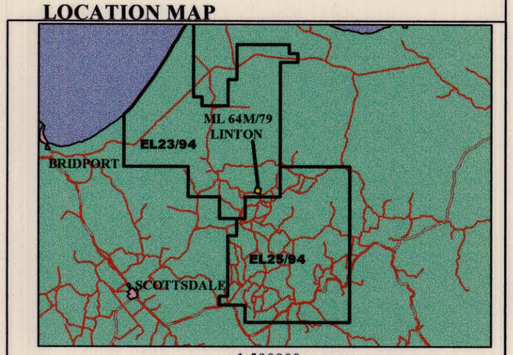
Hole-id	Easting	Northing	Elev	Dip	Az	Depth
LIN002R	557540	5455334	210.9	-50	250	66
LIN003R	557534	5455372	212	-50	255	60
LIN004R	557532	5455385	217.3	-50	147	60
LIN005R	557586	5455475	191.8	-50	261	54
LIN006R	557547	5455200	212.6	-50	81	54

96-3856

ANNUAL REPORT 1994-95 LINTON ML 64M/79
HERALD RESOURCES TURNER N J



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

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).

10 metre interval contour.

(Land Information Bureau 25k data).

50 metre interval contour with elevation shown.

GEOLOGY

QUATERNARY	*Qh*	Alluvium, sand and gravel.
LOWER DEVONIAN-LOWER ORDOVICIAN	*D/Oq*	Micaceous quartzwacke turbidite sequence (Malhinna Beds).

5 cm

Grid North.
True North 0.4 degrees east of Grid North
and Magnetic North 13.6 degrees east of Grid North.

1:5000
100 0 100 200 300 Metres

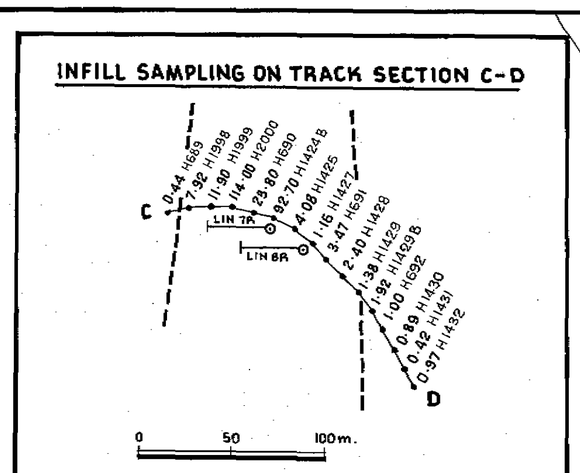
Geology and Mirloch data courtesy of Mineral Resources Tasmania from the 1:250,000 Northeast sheet.
Data covering cultural features (roads and localities) courtesy of Auslig 1:250,000 series sheet K5521.
Drainage from Tasmanian Land Information Bureau 1:25,000 series sheets 5444, 5445, 5644 and 5645.
Map produced using Arcview 2.1.
All map coordinates in AMG zone 55.

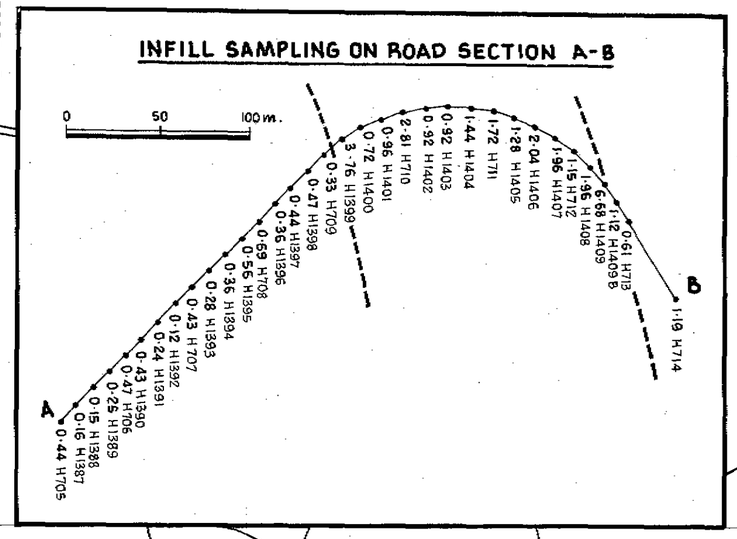
HERALD RESOURCES LTD.

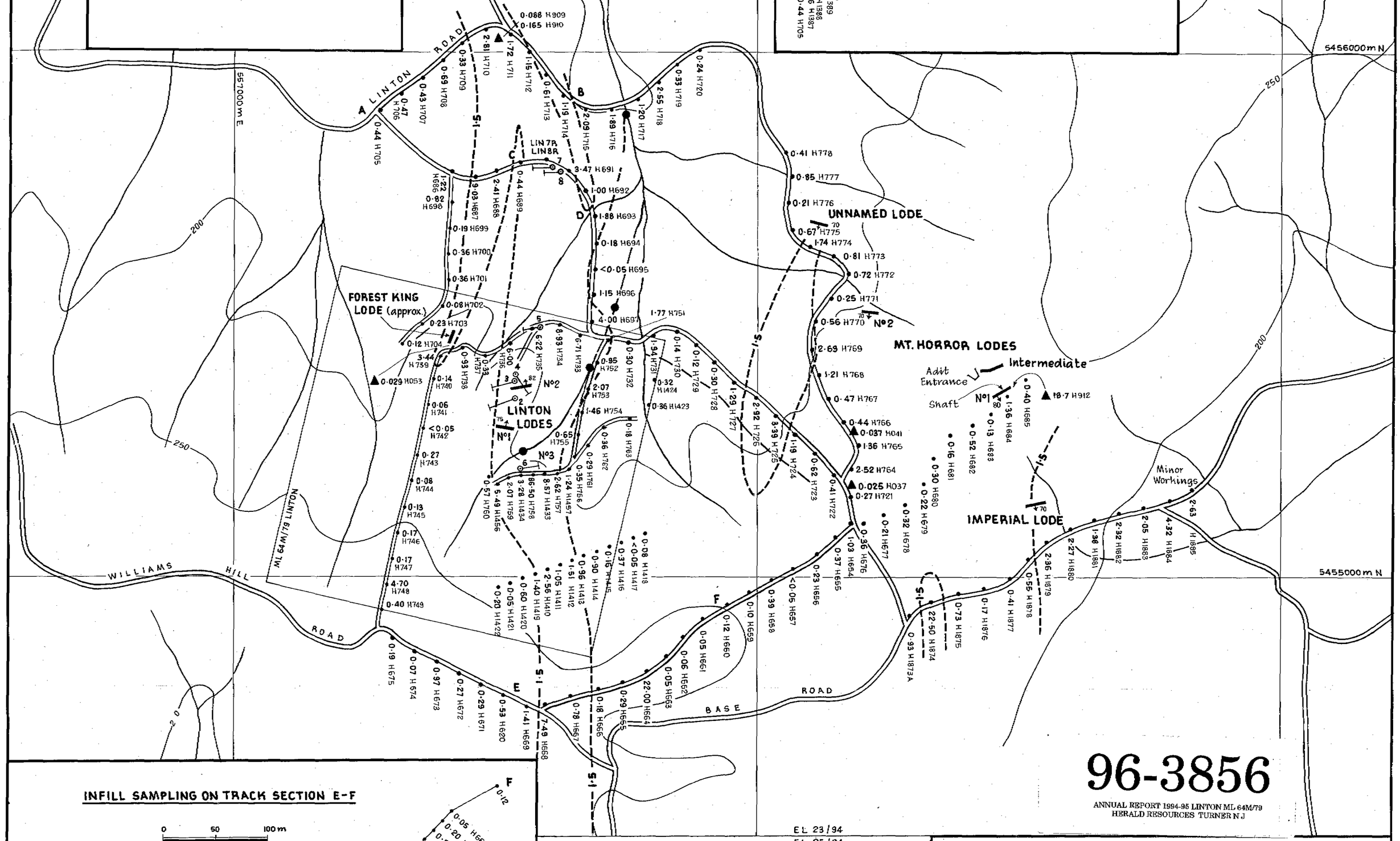
SCOTTSDALE PROJECT TASMANIA
Geology and Stream Sediment Sample Locations for
ML 64M/79 LINTON

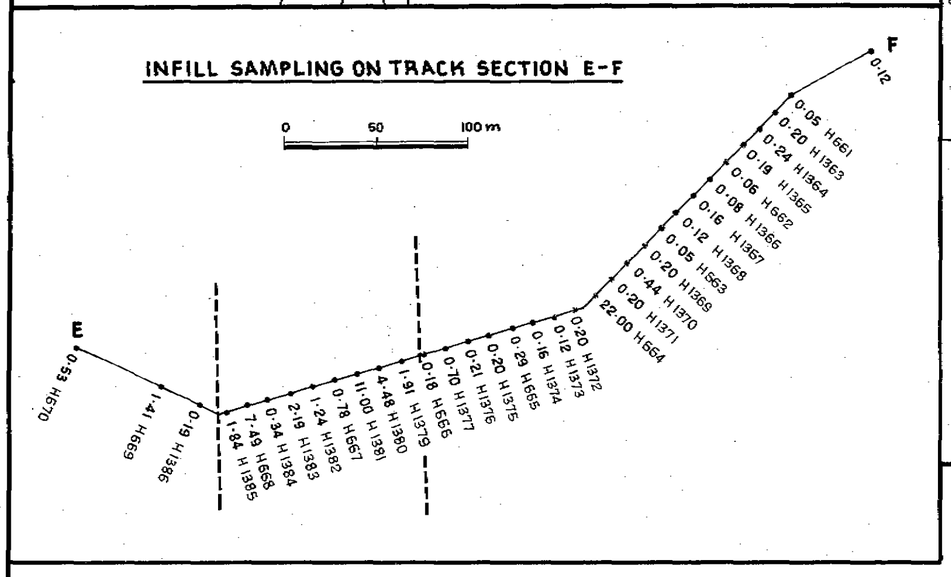
AUTHOR	N.T.	PLAN No.	1
OPERATOR	N.J.M.	Arcview Project	ml64mstr.apr
DATE	12-3-96	LAYOUT	1

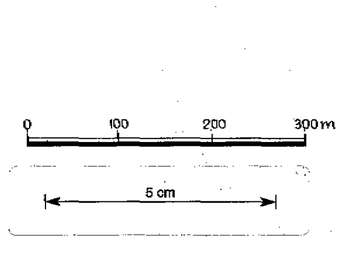
230060











96-3856

ANNUAL REPORT 1994-95 LINTON ML 64M/79
HERALD RESOURCES TURNER N J

EL 23/94
EL 25/94

DRILL HOLE DETAILS

DRILL HOLE	EASTING	NORTHING	GEODETIC ALTITUDE	DIP	LENGTH	AZMUTH
LIN 2R	557540·4	5455334·5	210·9	50°	66m	250°
LIN 3R	557534·5	5455372·4	212·0	50°	60m	255°
LIN 4R	557532·6	5455385·3	217·3	50°	60m	147°
LIN 5R	557586·1	5455475·7	191·8	50°	54m	261°
LIN 6R	557547·5	5455200·2	212·6	50°	54m	81°
LIN 7R	557593·7	5455773·3	180·1	50°	54m	271°
LIN 8R	557611·5	5455757·6	169·8	50°	54m	270°

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

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

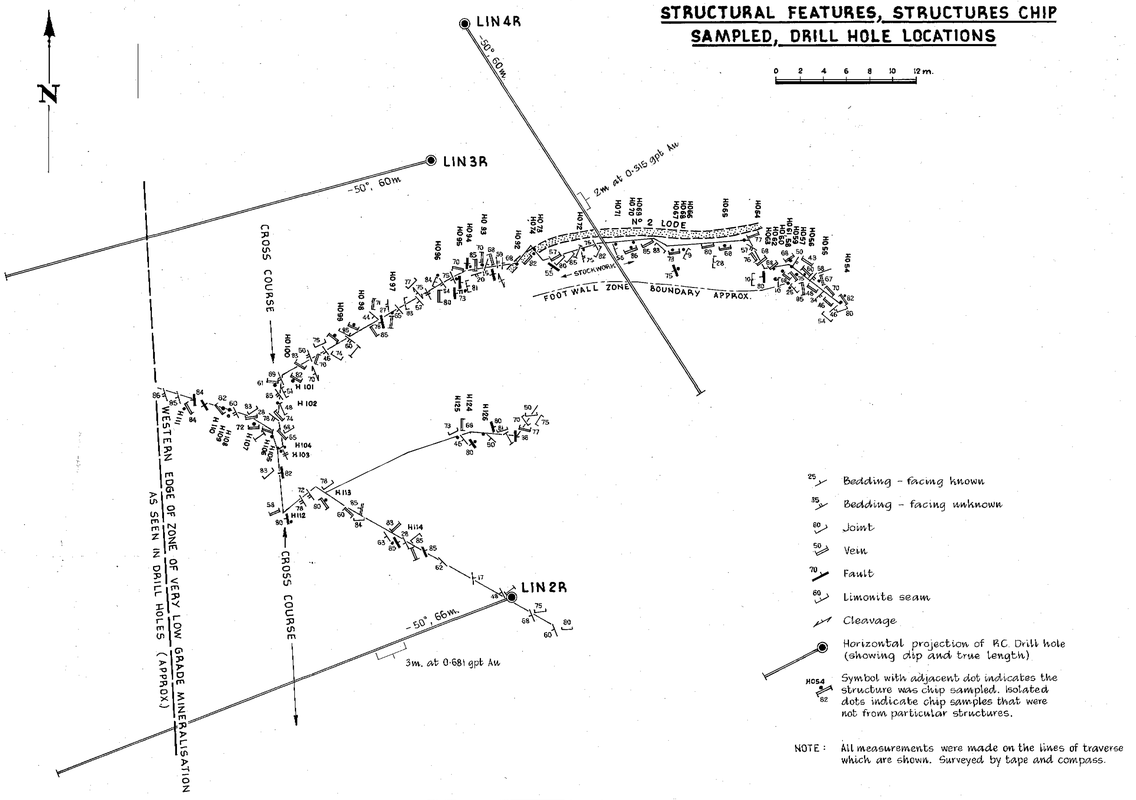
Base map derived from TASMAP 1:25000 Series Sheet 5445
Ed. 1, 1982: Pearly Brook.

230061

- 86·5 H758 — Soil sample point with BLEG Au (ppb) and sample number; 500gm. samples; Cu, Pb, Zn, As not shown; samples from about 15cm. depth.
- ▲ 18·7 H912 — Rock chip with Au (ppm) and sample number; Cu, Pb, Zn, As not shown; quartz veins
- —1·5— — Contour roughly marking 1·5ppb. Au in soils.
- 2-8 — Horizontal projection of RC percussion drill hole with number; details in table.
- ● — Stream sediment sample point with As > 25ppm.

ML 64M/79 LINTON	Plan No: 2
HERALD RESOURCES LTD.	
FORESTER PLANTATION LINTON SETTING Soil chemistry, rock chips, drill holes with GPS positions	Date: Dec, 1995 Compiled: Nic. Turner Drawn: Peter Nankivell Scale: 1:5000
Contractor: N.J. Turner Geological Services Pty. Ltd.	

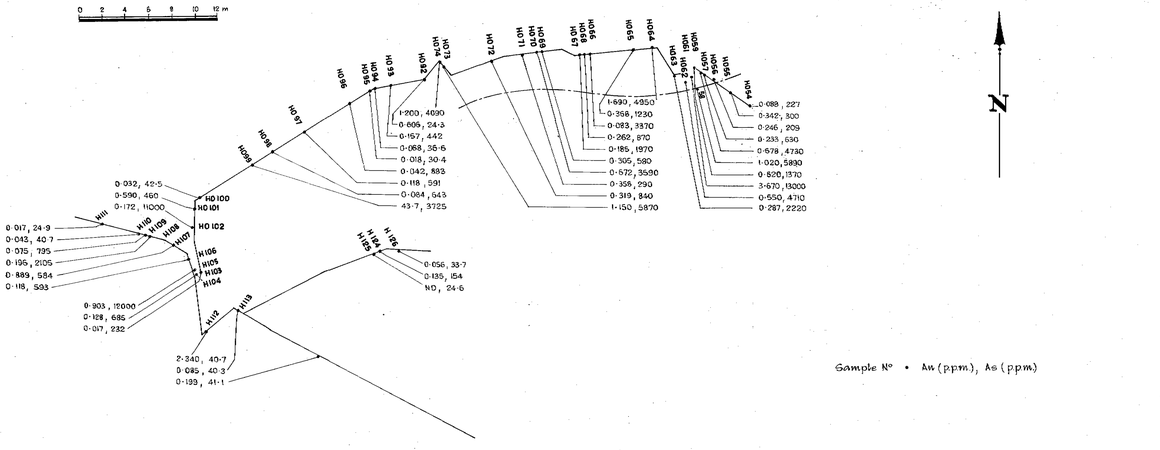
STRUCTURAL FEATURES, STRUCTURES CHIP SAMPLED, DRILL HOLE LOCATIONS



25 Bedding - facing known
35 Bedding - facing unknown
60 Joint
50 Vein
70 Fault
65 Limonite seam
Cleavage
Horizontal projection of R.C. Drill hole (showing dip and true length)
H054 / 62 Symbol with adjacent dot indicates the structure was chip sampled. Isolated dots indicate chip samples that were not from particular structures.

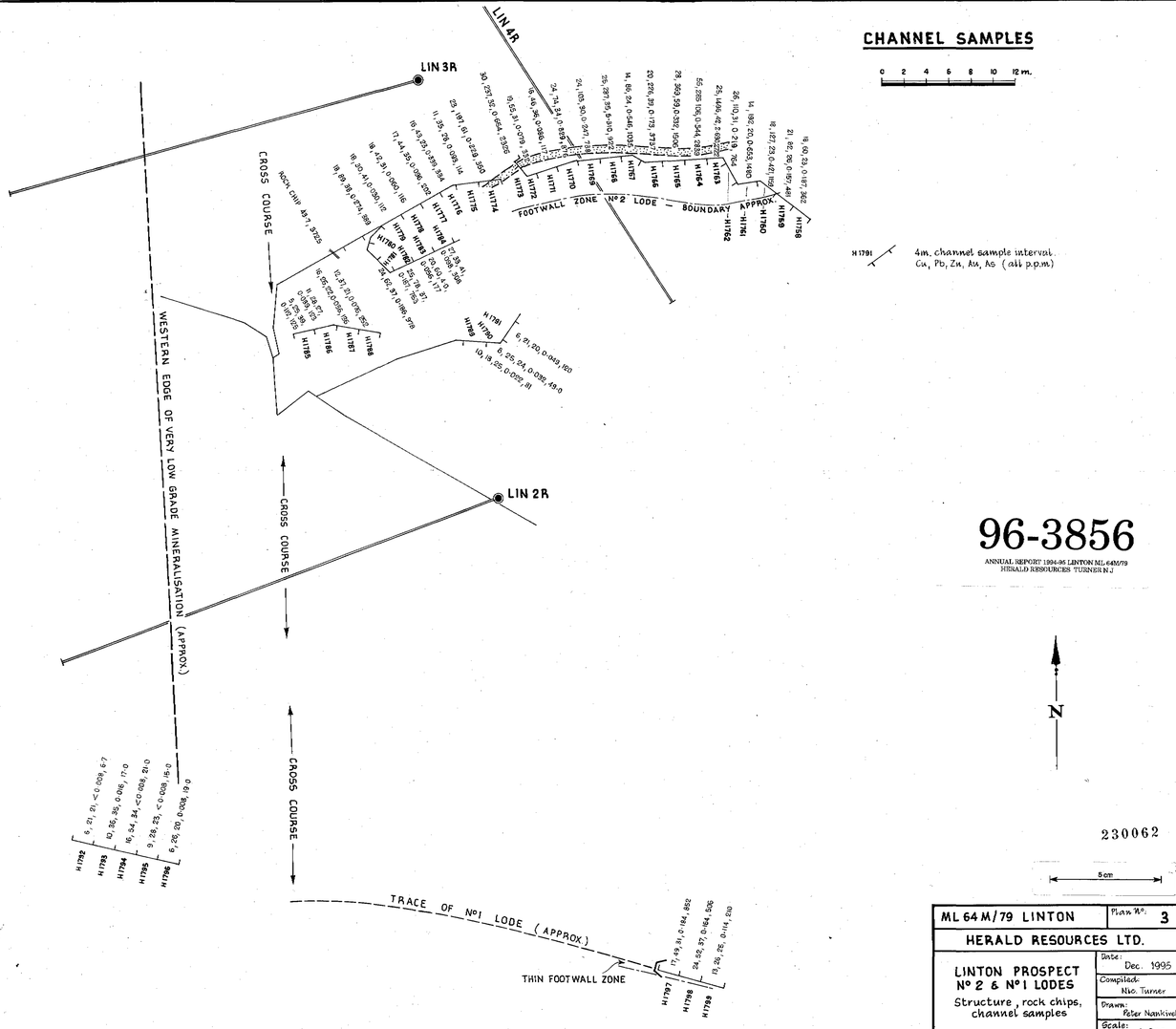
NOTE: All measurements were made on the lines of traverse which are shown. Surveyed by tape and compass.

ROCK CHIP RESULTS



Sample No • Au (p.p.m.), As (p.p.m.)

CHANNEL SAMPLES



96-3856

ANNUAL REPORT 1994-95 LINTON ML 64M/79 HERALD RESOURCES TURNER N.J

230062

5cm

ML 64 M/79 LINTON	Plan No.: 3
HERALD RESOURCES LTD.	
LINTON PROSPECT No 2 & No 1 LODES Structure, rock chips, channel samples	Date: Dec. 1995 Compiled: Nic. Turner Drawn: Peter Nankiveil Scale: 1:200
Contractor: N.J. Turner Geological Services Pty. Ltd.	