HAWK NEST GOLD PTY LIMITED
(A Subsidiary of Carbon Minerals N.L.)
MCN ~~2390~~ 2931 "HARDIES"
MT WELLS DISTRICT
NORTHERN TERRITORY
REPORT ON RELINQUISHMENT

MAY 1992

ERA Report A/362
May, 1992

Prepared By
I.M. Milligan B.Sc (Hons) & M. Osborn B.Sc.

Geological & Mining Consultants
621 Pacific Highway
(P.O. Box 163)
ST LEONARDS NSW 2065
AUSTRALIA

Telephone (02) 436 0747
Facsimile (02) 437 6294

CONTENTS

1.0 SUMMARY

Mineral Claims 2930 and 2931 were located approximately 140 kilometres south-east of Darwin and adjacent to the McKinlay River. The claims were pegged as follow-on tenure to exploration licence 4838 and covered the northern continuation of a north-south oriented ridge which hosts known gold mineralization of the Hardies Gold Mine (also known as the McKinlay Gold Mine). Similar ridges, composed of a siltstone and greywacke sequence (Burrell Creek or Mt Bonnie Formation), occur both to the south and north but the majority of the surrounding country is covered by alluvium of the McKinlay River flood plain.

The Hardies Gold Mine was (and is still) held under mineral lease by Mr Eric Gardiner. Mr Gardiner was approached with a view to purchase or farm-in joint venture but showed no interest in such an offer.

Exploration by Hawk Nest Gold on MCN2930 and MCN2931 has comprised a magnetometer survey and percussion drilling. This work failed to identify significant mineralization. The tenements were surrendered on 10 February 1992 on the basis of limited exploration potential.

EARTH RESOURCES AUSTRALIA PTY LIMITED

I.M.Milligan
Senior Geologist

M.R.Osborn
Geologist

May 1992

2.0 INTRODUCTION

Mineral claims N2930 and N2931 were granted to Hawk Nest Gold Pty Limited (a wholly owned subsidiary of Carbon Minerals N.L.) on 4th April 1989 for a period of five years. In view of poor exploration results and potential, both were surrendered on 10 February 1992. The mineral claims were located 12.5 kilometres north of the Mount Wells Battery (approximately 140 kilometres south-east of Darwin) and lie adjacent to the McKinlay River. The Mt Wells to Mt Harris road runs immediately to the east of the area (Figures 1 and 2).

The mineral claims were pegged as follow-on tenure from exploration licence 4838. Exploration licence 4838 was applied for on the basis of known gold mineralization at the Hardies Gold Mine (also known as the McKinlay Gold Mine). This mineralization occurs along a prominent north-south ridge and is held under mineral leases N808, N821 and N869 (lessee Mr Eric Gardiner). MCNs 2930 (19.8 hectares) and 2931 (5.9 hectares) were pegged to cover the northern extensions of this ridge. Mr Gardiner was approached several times during the term of both EL4838 and the mineral claims with a view to a farm-in joint venture or purchase of the leases but was not interested in such a venture.

Previous work on the Hardies Mine has been carried out by Hossfeld (1940) and Newton (1974).

3.0 GEOLOGY

The area surrounding the ridge is covered by alluvium of the McKinlay River flood plain. Mapping of the ridge (previously described in reports on EL4838) has shown it to be composed largely of siltstone with subordinate greywacke and occasional thin ferruginous horizons with banded and nodular chert. These chemical type sediments suggest a stratigraphic position in the Mt Bonnie Formation rather than the Burrell Creek as indicated on the 1:100,000 McKinlay River sheet. Minor dolerite float was located on the ridge north of the mine and is reported both by Hossfeld (1940) and Newton (1974). Bedding throughout the area is steeply dipping to vertical.

A regional interpretation, from the 1:100,000 map, of the location of the Mt Bonnie Formation was presented by Milligan (1987). This showed the Hardies Mine ridge to be on the axis of a major anticline which is cut by cross faults in the areas of no outcrop.

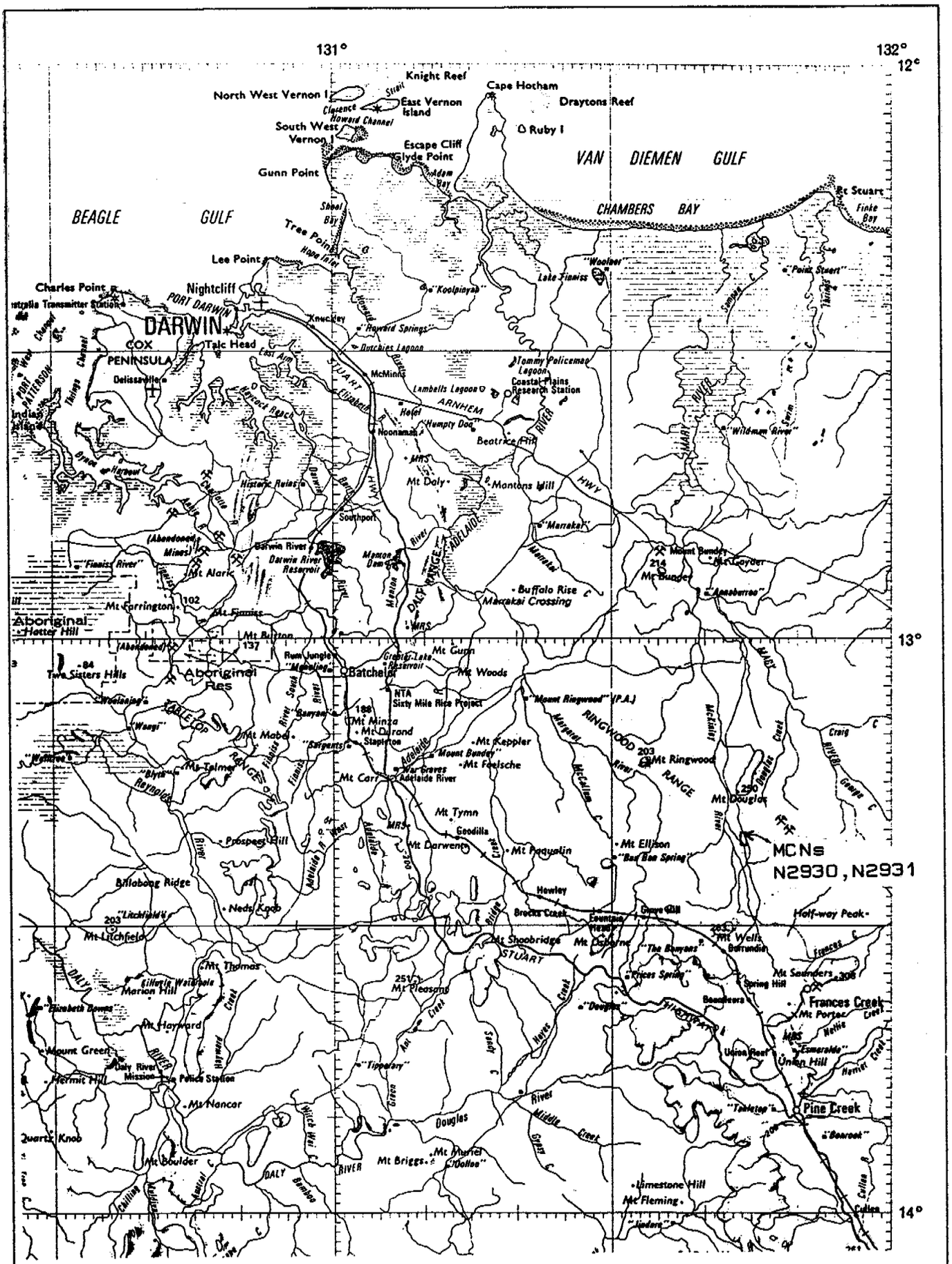
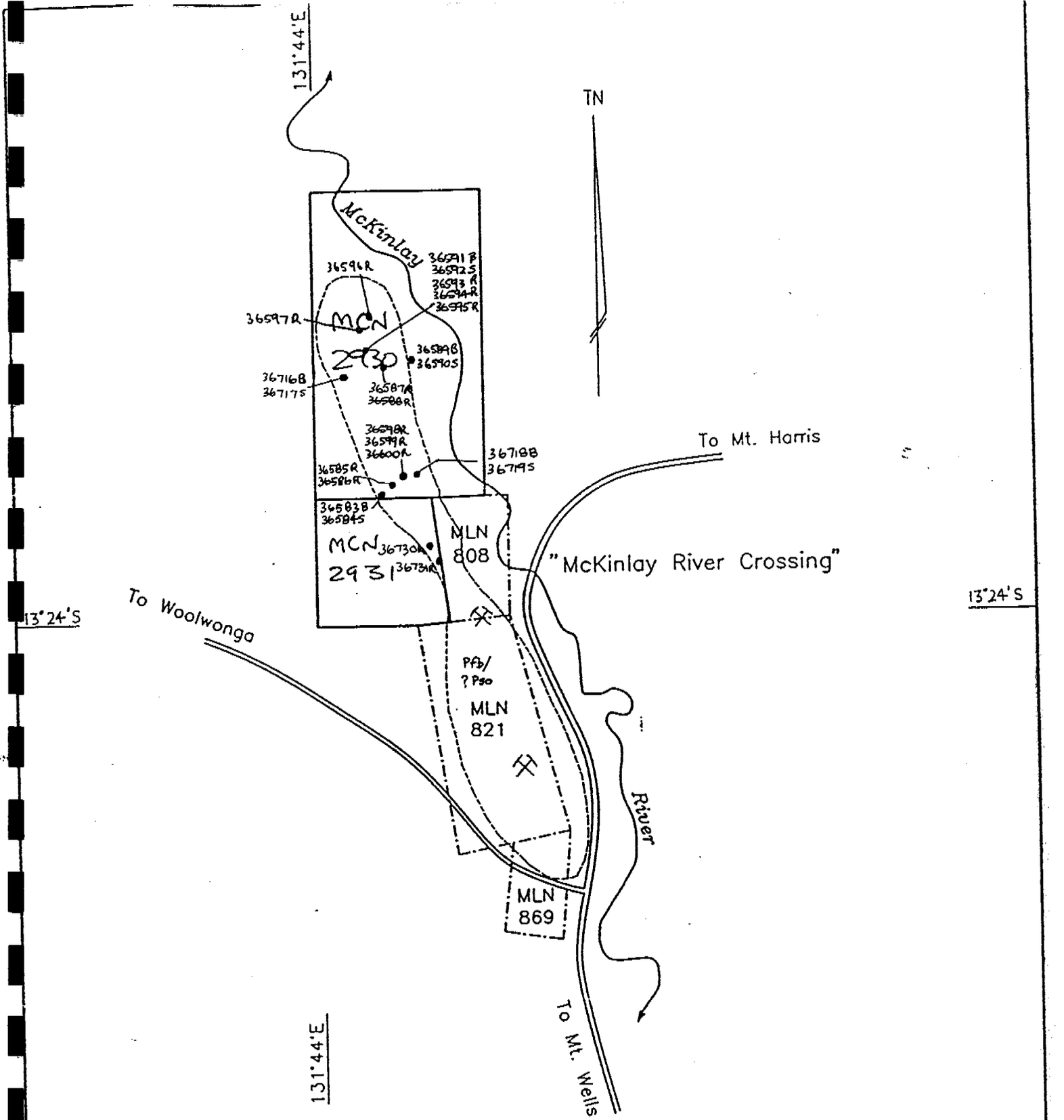


FIGURE 1 LOCATION MAP **Scale 1:1,000,000**
MINERAL CLAIMS N2930 N2931
NORTHERN TERRITORY



LEGEND

- BOUNDARY OF AREAS APPLIED FOR
- EXISTING ML BOUNDARY
- ROAD
- BASE OF HILLS
- 36597 SAMPLE SITE (R=rockchip, B=bleg, S=soil)

EARTH RESOURCES AUSTRALIA PTY LIMITED

HAWK NEST GOLD PTY LIMITED

MCNs 2930 & 2931

SCALE 1:10000 metres 0 100 200 300 400 500

REPORT NO. A862 | FILE NAME: HARDIES | FIGURE 2

DATE: OCT. 1988 | AUTHOR: IMM/MO

TABLE 1 SURFACE SAMPLING EL4838

Sample No.	Location AMG		Description	Sample Type	Fire Assay Au ppm	BLEG Au ppb	AAS - multi acid digest As ppm	Pb ppm	Cu ppm
36578	796450	8516500	Soil - downslope from major quartz ree	-80# soil			60	295	23
36579	796450	8516500	Soil - as 36578	-2mm soil		35			
36580	796490	8516690	Fine gravels in gutter below workings	-2mm soil		13.6			
36581	796490	8516690	as 36580	-80# soil			62	332	28
36582	796490	8516590	Greywacke, green, silicified, brecciated with fibrous quartz veining mainly in NS orientation; major outcrop	Rock Chip Random	0.21				
36583	796140	8517280	Soil - siltstone & greywacke fragments in loam	-2mm soil		3.9			
36584	796160	8517280	Soil - as 36583	-80#			9	45	11
36585	796160	8517300	Quartz - small veins parallel bedding, white, milky		0.01 0.02R				
36586	796160	8517300	Banded ironstone, gossanous, fractured, minor quartz veining, small outcrops trending 330^0	Rock chip Random	0.83				
36587	796150	8517540	Sandstone, med. grained, siliceous, leached and altered, pale green with diffuse purple blotches, sparse to extremely abundant ex pyrite cavities; Outcrop zone trending 320^0	Rock Chip Random	0.06				
36588	796150	8517540	Sandstone - highly siliceous variety of 36587; vaguely banded amorphous quartz with abundant ex pyrite cavities forming sponge	Rock chip Selective	0.42				
36589	796210	8517550	Soil & scree; siltstone, greywacke & loam; slope base sampled @ 5m intervals over 30m	-2mm soil		1.15			
36590	796210	8517550	Soil & scree as 36589	-80# soil			23	122	12
36591	796120	8517570	Soil; sandstone & siltstone in loam; flat area on top of hill	-2mm soil		36			
36592	796120	8517570	Soil as 36591	-80# soil			250	863	30
36593	796120	8517570	Quartz, white, brecciated, vughy with gossanous & chloritic infill, inclusions of highly leached country rock; low o/c & blocks on E side of top of hill	Rock chip Random	0.41				

TABLE 1 (cont.) SURFACE SAMPLING EL4838

Sample No.	Location AMG		Description	Sample Type	Fire Assay Au ppm	BLEG Au ppb	AAS - multi acid digest As ppm	Pb ppm	Cu ppm
36594	796120	8517570	Quartz, massive, white, gossanous material along boundaries with slaty country rock, trace arsenopyrite; major o/c W side of hilltop	Rock chip Random	1.78				
36595	796120	8517570	Quartz as 36594 - selected sample of high gossan and arsenopyrite	Rock Chip Select	4.72				
36596	796130	8517630	Quartz veined sediments-green siltstone & greywacke; net of thin (<1cm) fibrous & comb quartz veins with trend 010° (beds trend 330°). Similar to 36582	Rock Chip Random	0.24				
36597	796110	8517620	Sandstone, gossanous, brecciated & altered; float	Rock Chip Select	0.15 0.16R				
36598	796190	8517320	Amorphous silica material with abundant ex pyrite cavities and irregular vughs; minor sheared siltstone; outcrop .5m x 5m length	Rock Chip Random	0.67				
36599	796190	8517320	Banded ferruginous material, fractured bands and fragments of cherty amorphous quartz; o/c & rubble	Rock Chip Random	0.09				
36600	796190	8517520	Quartz massive to fibrous, white, minor iron oxides; o/c & rubble	Rock Chip Random	0.05				
36716	796080	8517520	Soil & scree, siltstone & greywacke, west slope of ridge	-2mm soil		9.72			
36717	796080	8517520	Soil - as 36716	-80# soil			15	84	19
36718	796210	8517320	Soil & scree	-2mm soil		3.46			
36719	796210	8517320	Soil - as 36718	-80# soil			15	286	11
36720	797420	8517880	Soil & rubble - north end of isolated quartz hill	-2mm soil		1.56			
36721	797420	8517880	Soil - as 36720	-80# soil			15	29	19
36722	796470	8515130	Soil, skeletal, siltstone, greywacke & quartz scree from west	-2mm soil		4.46			
36723	796470	8515130	Soil - as 36722	-80# soil			6	27	14
36724	796240	8515140	Gully alluvium; siltstone & greywacke fragments	-2mm soil		3.21			
36725	796240	8515140	Gully alluvium - as 367245	-80# soil			10	46	16

TABLE 1 (cont.) SURFACE SAMPLING EL4838

Sample No.	Location AMG		Description	Sample Type	Fire Assay Au ppm	BLEG Au ppb	AAS - multi acid digest As ppm	Pb ppm	Cu ppm
36726	796360	8515260	Gully alluvium - from south	-2mm soil		2.10			
36727	796360	8515260	Gully alluvium - as 36726	-80# soil			11	24	15
36728	796380	8515280	Gully alluvium - from east	-2mm soil		2.38			
36729	796200	8515280	Gully alluvium - as 36728	-80# soil			8	33	20
36730	796200	8517200	Quartz & banded ironstone; low outcrop & rubble	Rock chip Random	0.05				
36731	796230	8517160	Quartz breccia with iron oxide fill; patches of amorphous silica with pyrite & arsenopyrite & leached ex-sulphide cavities; low outcrop; 0.5m wide, trend 340°	Rock chip Select	1.55				
36732	796470	8516070	Siltstone, greywacke & quartz vein rubble across gravel scrapes, north side of hill.	-2mm soil		15.6			
36733	796470	8516070	as 36732	-80# soil			56	218	27

o/c = outcrop
Location to 10m precision on Australian Map Grid

4.0 WORK PROGRAM AND RESULTS

During the tenure of EL4838 the area was subject to outcrop, -2mm BLEG (bulk leach extractable gold) and -80 mesh soil sampling. Full details of this work has been presented in previous annual reports on EL4838 (see 6.0 References).

Work carried out during the tenure of MCN2930 and 2931 was limited to a ground magnetics survey and the drilling of a single percussion hole, HDPDH1.

4.1 Ground Magnetics

A magnetometer survey was carried out over a 500 by 300 metre area. Readings were taken at 12.5 metre intervals along east-west traverses spaced at intervals of 50 metres. A sensor staff height of 3 metres was used. No base station was utilised, thus it was necessary to do loop traverses, completing two lines before returning to the first point sampled of those two lines, then returning to a base point after each loop traverse. This procedure enabled correction for diurnal variation. Data is presented in Appendix 2.

Corrected magnetic intensity values were contoured by the PC program "Surfer" as displayed in Figure 3. The only significant feature evident from the magnetics survey was a prominent high on the western side of the ridge. This was interpreted as being due to a vertical tabular body of 10 metres width and 96 metres depth with a magnetic susceptibility approximating a basalt (0.0033 cgs) and extending over a north-south strike length of 150 metres.

4.2 Percussion Drilling

A percussion drill hole was sited (local grid 890mE, 2325mN; AMG 796050mE, 8517440mN) to intersect the magnetic high noted above. The hole was drilled at a declination of 60° on an azimuth of 075° to a depth of 40 metres. The rig was an Edson 6000 and contractor was White Drilling Pty Limited.

The hole was logged at one metre intervals and samples of three metre composites were submitted to Australian Assay Laboratories, Pine Creek, for analysis for gold, copper, lead, silver and zinc. Gold analysis was by fire assay (50g charge, AAS finish; method FA50) and base metals by acid digest and atomic absorption spectrometry (method D100/AAS). The drill log is presented in Appendix 4 and assays in Appendix 5.

The hole intersected an interbedded greywacke and mudstone sequence with minor quartz veinlets. The only gold assay above the detection limit was 0.06 ppm from a 3 metre interval of mudstone from 13 to 15 metres (sample 48005). No obvious source for the magnetic anomaly was evident however no magnetic susceptibility tests were carried out on the percussion chips.

5.0 CONCLUSION

Results from the above work did not warrant further exploration expenditure, particularly when it became apparent that the holder of the Mineral Leases over the old Hardies workings did not wish to consider a sale or joint venture of exploration on the leases. Consequently mineral claims N2930 and N2931 were surrendered on 10 February 1992.

6.0 EXPENDITURE

Work on MCN2930 and MCN2931 has been carried out for Hawk Nest Gold by geological consultants Earth Resources Australia Pty Limited. This work was carried out in conjunction with other projects in the region and as a consequence accurate accounting of expenditure on items of a general nature, eg food and supplies, fuel and oil, travel etc has not been practicable. Such items were absorbed into overhead costs and are not included in the schedule of expenditure. Similarly, pegging and application costs are not included.

Taking the above into account, a schedule of expenditure for exploration on MCN2930 and MCN2931 is presented below.

MCN2930 & MCN2931 SCHEDULE OF EXPENDITURE

	$
Geological consulting fees	2,187.50
Percussion drilling	1,974.00
Earthmoving	40.00
Laboratory assay charges	545.50
Drafting and plan printing	60.00
Magnetometer hire	97.50
MC rents	520.00
Total	**$5,424.50**

7.0 PREVIOUS REPORTS AND REFERENCES

Reports relating to EL4838 have previously been submitted to the N.T. Department of Mines and Energy by Earth Resources Australia Pty Limited on behalf of Hawk Nest Gold Pty Limited. These have some relevance to MCN2930 and MCN2931 and are listed below.

Date	ERA Report No.	Author
Nov. 1989	A/301	I.M.Milligan
Nov. 1987	A/222	I.M.Milligan
Nov. 1988	A/246	M.Osborn & I.Milligan

Other references cited are:

Hossfeld,P.S., 1940 The McKinlay Gold Mine, Pine Creek District. *Aerial Geological and Geophysical Survey of Northern Australia Report Northern Territory No. 46.*

Newton,A.W., 1974 The McKinlay Gold Mine N.T., Results of Diamond Drilling *N.T.G.S. Report 74/17.*

MCN 2930

Datum located 12.75 kilometres on a true bearing of 12.45° from Mt. Wells Battery thence boundary runs 600 metres south to the northern boundary of MLN 808 thence 110 metres west to the north-west corner of MLN 808 thence 220 metres west thence 600 metres north and 330 metres east back to datum. The southeastern corner is situated in the bed of the McKinlay River with a witness post located 50 metres due east (Area 19.8 ha).

MCN 2931

Datum located at northwest corner of MLN 808 which is 12.15 kilometres on a true bearing of 12.45° from Mt. Wells Battery, thence boundary runs 240 metres on a true bearing of 171° to the southwest corner of MLN 808 thence 62 metres on a true bearing of 262° along and to the northwest corner of MLN 821 thence 200 metres west, 250 metres north, 220 metres east back to datum, all bearings true (Area 5.9 ha).

TABLE 1: GROUND MAGNETICS

EAST	NORTH	reading	date	time	corr	total
900.0	2600.0	47159	7/6/89	11:45:00	-45	47114
912.5	2600.0	47157	7/6/89	11:45:50	-45	47112
925.0	2600.0	47158	7/6/89	11:46:40	-45	47113
937.5	2600.0	47158	7/6/89	11:47:30	-45	47113
950.0	2600.0	47162	7/6/89	11:48:20	-45	47117
962.5	2600.0	47150	7/6/89	11:49:00	-44	47106
975.0	2600.0	47149	7/6/89	11:49:50	-44	47105
987.5	2600.0	47152	7/6/89	11:50:40	-44	47108
1000.0	2600.0	47146	7/6/89	11:51:20	-44	47102
1012.5	2600.0	47129	7/6/89	11:52:00	-44	47085
1025.0	2600.0	47128	7/6/89	11:52:45	-44	47084
1037.5	2600.0	47147	7/6/89	11:53:30	-44	47103
1087.5	2550.0	47170	7/6/89	11:58:00	-44	47126
1075.0	2550.0	47151	7/6/89	11:59:00	-44	47107
1062.5	2550.0	47130	7/6/89	12:00:00	-44	47086
1050.0	2550.0	47139	7/6/89	12:00:40	-44	47095
1037.5	2550.0	47167	7/6/89	12:01:20	-44	47123
1025.0	2550.0	47139	7/6/89	12:02:00	-44	47095
1012.5	2550.0	47137	7/6/89	12:02:30	-44	47093
1000.0	2550.0	47169	7/6/89	12:03:00	-44	47125
987.5	2550.0	47135	7/6/89	12:03:25	-44	47091
975.0	2550.0	47143	7/6/89	12:03:50	-44	47099
962.5	2550.0	47146	7/6/89	12:04:15	-44	47102
950.0	2550.0	47154	7/6/89	12:04:35	-44	47110
937.5	2550.0	47142	7/6/89	12:05:00	-43	47099
925.0	2550.0	47151	7/6/89	12:05:30	-43	47108
912.5	2550.0	47153	7/6/89	12:05:55	-43	47110
900.0	2550.0	47157	7/6/89	12:06:20	-43	47114
900.0	2500.0	47149	7/6/89	12:08:30	-43	47106
912.5	2500.0	47129	7/6/89	12:09:10	-43	47086
925.0	2500.0	47148	7/6/89	12:09:50	-43	47105
937.5	2500.0	47139	7/6/89	12:10:40	-43	47096
950.0	2500.0	47153	7/6/89	12:11:20	-43	47110
962.5	2500.0	47145	7/6/89	12:12:00	-43	47102
975.0	2500.0	47167	7/6/89	12:12:40	-43	47124
987.5	2500.0	47153	7/6/89	12:13:20	-43	47110
1000.0	2500.0	47155	7/6/89	12:14:00	-43	47112
1012.5	2500.0	47148	7/6/89	12:14:30	-43	47105
1025.0	2500.0	47146	7/6/89	12:15:00	-43	47103
1037.5	2500.0	47143	7/6/89	12:16:00	-42	47101
1050.0	2500.0	47147	7/6/89	12:17:00	-42	47105
1062.5	2500.0	47144	7/6/89	12:17:40	-42	47102
1075.0	2500.0	47148	7/6/89	12:18:10	-42	47106
1087.5	2500.0	47131	7/6/89	12:18:45	-42	47089
1100.0	2500.0	47154	7/6/89	12:19:20	-42	47112
1112.5	2450.0	47155	7/6/89	12:22:00	-42	47113

TABLE 1: GROUND MAGNETICS

EAST	NORTH	reading	date	time	corr	total
1075.0	2400.0	47124	7/6/89	13:18:30	-36	47088
1087.5	2400.0	47125	7/6/89	13:19:00	-36	47089
1100.0	2400.0	47136	7/6/89	13:19:30	-35	47101
1112.5	2400.0	47127	7/6/89	13:20:10	-35	47092
1125.0	2400.0	47144	7/6/89	13:20:55	-35	47109
1137.5	2400.0	47144	7/6/89	13:21:40	-35	47109
1150.0	2400.0	47149	7/6/89	13:22:30	-34	47115
1137.5	2350.0	47138	7/6/89	13:27:00	-34	47104
1125.0	2350.0	47125	7/6/89	13:27:30	-34	47091
1112.5	2350.0	47111	7/6/89	13:28:00	-34	47077
1100.0	2350.0	47138	7/6/89	13:28:30	-34	47104
1087.5	2350.0	47131	7/6/89	13:29:10	-33	47098
1075.0	2350.0	47139	7/6/89	13:29:50	-33	47106
1062.5	2350.0	47136	7/6/89	13:30:20	-33	47103
1050.0	2350.0	47137	7/6/89	13:31:00	-33	47104
1037.5	2350.0	47138	7/6/89	13:31:25	-33	47105
1025.0	2350.0	47137	7/6/89	13:31:50	-33	47104
1012.5	2350.0	47136	7/6/89	13:32:20	-33	47103
1000.0	2350.0	47146	7/6/89	13:32:50	-33	47113
987.5	2350.0	47141	7/6/89	13:33:40	-33	47108
975.0	2350.0	47142	7/6/89	13:34:30	-33	47109
962.5	2350.0	47139	7/6/89	13:35:20	-32	47107
950.0	2350.0	47137	7/6/89	13:36:00	-32	47105
937.5	2350.0	47141	7/6/89	13:36:30	-32	47109
925.0	2350.0	47119	7/6/89	13:37:00	-32	47087
912.5	2350.0	47145	7/6/89	13:37:30	-32	47113
900.0	2350.0	47207	7/6/89	13:38:00	-32	47175
887.5	2350.0	47161	7/6/89	13:38:30	-32	47129
875.0	2350.0	47159	7/6/89	13:39:00	-32	47127
862.5	2350.0	47154	7/6/89	13:39:30	-31	47123
850.0	2350.0	47148	7/6/89	13:40:00	-31	47117
837.5	2350.0	47153	7/6/89	13:40:30	-31	47122
825.0	2350.0	47153	7/6/89	13:41:00	-31	47122
812.5	2350.0	47144	7/6/89	13:41:40	-31	47113
800.0	2350.0	47161	7/6/89	13:42:20	-31	47130
787.5	2350.0	47155	7/6/89	13:43:55	-31	47124
775.0	2350.0	47163	7/6/89	13:43:30	-30	47133
800.0	2300.0	47155	7/6/89	13:45:20	-30	47125
812.5	2300.0	47150	7/6/89	13:46:40	-30	47120
825.0	2300.0	47155	7/6/89	13:47:20	-30	47125
837.5	2300.0	47135	7/6/89	13:48:00	-30	47105
850.0	2300.0	47158	7/6/89	13:48:30	-30	47128
862.5	2300.0	47159	7/6/89	13:49:00	-30	47129
875.0	2300.0	47140	7/6/89	13:49:30	-30	47110
887.5	2300.0	47168	7/6/89	13:50:00	-29	47139
900.0	2300.0	47311	7/6/89	13:50:40	-29	47282
912.5	2300.0	47147	7/6/89	13:51:20	-29	47118

TABLE 1: GROUND MAGNETICS

EAST	NORTH	reading	date	time	corr	total
1100.0	2450.0	47169	7/6/89	12:23:00	-42	47127
1087.5	2450.0	47144	7/6/89	12:24:00	-42	47102
1075.0	2450.0	47148	7/6/89	12:25:00	-42	47106
1062.5	2450.0	47144	7/6/89	12:25:40	-42	47102
1050.0	2450.0	47142	7/6/89	12:26:20	-42	47100
1037.5	2450.0	47149	7/6/89	12:26:55	-42	47107
1025.0	2450.0	47146	7/6/89	12:27:30	-42	47104
1012.5	2450.0	47133	7/6/89	12:28:10	-42	47091
1000.0	2450.0	47179	7/6/89	12:28:50	-42	47137
987.5	2450.0	47154	7/6/89	12:29:30	-42	47112
975.0	2450.0	47158	7/6/89	12:30:00	-42	47116
962.5	2450.0	47154	7/6/89	12:30:40	-42	47112
950.0	2450.0	47155	7/6/89	12:31:20	-42	47113
937.5	2450.0	47156	7/6/89	12:32:00	-42	47114
925.0	2450.0	47152	7/6/89	12:32:30	-42	47110
912.5	2450.0	47176	7/6/89	12:33:20	-42	47134
900.0	2450.0	47180	7/6/89	12:34:10	-42	47138
887.5	2450.0	47148	7/6/89	12:35:00	-42	47106
875.0	2450.0	47151	7/6/89	12:35:50	-41	47110
862.5	2450.0	47160	7/6/89	12:36:20	-41	47119
850.0	2450.0	47160	7/6/89	12:36:50	-41	47119
837.5	2450.0	47165	7/6/89	12:37:20	-41	47124
825.0	2450.0	47164	7/6/89	12:37:50	-41	47123
812.5	2450.0	47165	7/6/89	12:38:15	-41	47124
800.0	2450.0	47166	7/6/89	12:38:40	-41	47125
800.0	2400.0	47167	7/6/89	13:01:00	-39	47128
812.5	2400.0	47168	7/6/89	13:02:20	-39	47129
825.0	2400.0	47162	7/6/89	13:03:40	-39	47123
837.5	2400.0	47163	7/6/89	13:05:00	-38	47125
850.0	2400.0	47173	7/6/89	13:06:20	-38	47135
862.5	2400.0	47163	7/6/89	13:06:55	-38	47125
875.0	2400.0	47166	7/6/89	13:07:30	-38	47128
887.5	2400.0	47187	7/6/89	13:08:00	-38	47149
900.0	2400.0	47234	7/6/89	13:08:50	-38	47196
912.5	2400.0	47154	7/6/89	13:09:40	-38	47116
925.0	2400.0	47168	7/6/89	13:10:30	-37	47131
937.5	2400.0	47148	7/6/89	13:11:10	-37	47111
950.0	2400.0	47147	7/6/89	13:11:50	-37	47110
962.5	2400.0	47150	7/6/89	13:12:30	-37	47113
975.0	2400.0	47153	7/6/89	13:13:10	-37	47116
987.5	2400.0	47145	7/6/89	13:13:50	-37	47108
1000.0	2400.0	47137	7/6/89	13:14:20	-37	47100
1012.5	2400.0	47135	7/6/89	13:15:10	-36	47099
1025.0	2400.0	47149	7/6/89	13:16:00	-36	47113
1037.5	2400.0	47140	7/6/89	13:16:40	-36	47104
1050.0	2400.0	47142	7/6/89	13:17:20	-36	47106
1062.5	2400.0	47142	7/6/89	13:18:00	-36	47106

TABLE 1: GROUND MAGNETICS

EAST	NORTH	reading	date	time	corr	total
925.0	2300.0	47148	7/6/89	13:52:00	-29	47119
937.5	2300.0	47138	7/6/89	13:52:40	-28	47110
950.0	2300.0	47144	7/6/89	13:53:20	-28	47116
962.5	2300.0	47147	7/6/89	13:54:10	-28	47119
975.0	2300.0	47144	7/6/89	13:55:00	-28	47116
987.5	2300.0	47144	7/6/89	13:55:40	-28	47116
1000.0	2300.0	47150	7/6/89	13:56:20	-27	47123
1012.5	2300.0	47145	7/6/89	13:57:00	-27	47118
1025.0	2300.0	47147	7/6/89	13:57:40	-27	47120
1037.5	2300.0	47145	7/6/89	13:58:20	-27	47118
1050.0	2300.0	47144	7/6/89	13:59:00	-27	47117
1062.5	2300.0	47138	7/6/89	13:59:30	-27	47111
1075.0	2300.0	47139	7/6/89	14:00:00	-26	47113
1087.5	2300.0	47124	7/6/89	14:00:50	-26	47098
1100.0	2300.0	47165	7/6/89	14:01:40	-26	47139
1112.5	2300.0	47166	7/6/89	14:02:30	-26	47140
1125.0	2300.0	47159	7/6/89	14:02:00	-26	47133
1137.5	2300.0	47140	7/6/89	14:03:30	-25	47115
1100.0	2250.0	47116	7/6/89	14:06:30	-25	47091
1087.5	2250.0	47137	7/6/89	14:07:00	-24	47113
1075.0	2250.0	47137	7/6/89	14:07:50	-24	47113
1062.5	2250.0	47133	7/6/89	14:08:00	-24	47109
1050.0	2250.0	47133	7/6/89	14:08:30	-24	47109
1037.5	2250.0	47136	7/6/89	14:09:10	-24	47112
1025.0	2250.0	47131	7/6/89	14:09:50	-24	47107
1012.5	2250.0	47129	7/6/89	14:10:30	-23	47106
1000.0	2250.0	47138	7/6/89	14:11:20	-23	47115
987.5	2250.0	47135	7/6/89	14:12:10	-23	47112
975.0	2250.0	47135	7/6/89	14:13:00	-22	47113
962.5	2250.0	47137	7/6/89	14:13:40	-22	47115
950.0	2250.0	47138	7/6/89	14:14:20	-22	47116
937.5	2250.0	47140	7/6/89	14:15:00	-22	47118
925.0	2250.0	47150	7/6/89	14:15:30	-22	47128
912.5	2250.0	47142	7/6/89	14:16:00	-22	47120
900.0	2250.0	47139	7/6/89	14:16:30	-21	47118
887.5	2250.0	47102	7/6/89	14:17:00	-21	47081
875.0	2250.0	47142	7/6/89	14:17:30	-21	47121
862.5	2250.0	47176	7/6/89	14:18:00	-21	47155
850.0	2250.0	47160	7/6/89	14:18:40	-21	47139
837.5	2250.0	47157	7/6/89	14:19:20	-21	47136
825.0	2250.0	47153	7/6/89	14:20:00	-20	47133
812.5	2250.0	47146	7/6/89	14:20:45	-20	47126
800.0	2250.0	47150	7/6/89	14:21:30	-19	47131
800.0	2200.0	47146	7/6/89	15:13:00	-12	47134
812.5	2200.0	47142	7/6/89	15:13:20	-12	47130
825.0	2200.0	47139	7/6/89	15:13:40	-12	47127
837.5	2200.0	47138	7/6/89	15:14:00	-12	47126

TABLE 1: GROUND MAGNETICS

EAST	NORTH	reading	date	time	corr	total
850.0	2200.0	47134	7/6/89	15:14:30	-11	47123
862.5	2200.0	47135	7/6/89	15:15:00	-11	47124
875.0	2200.0	47132	7/6/89	15:15:20	-11	47121
887.5	2200.0	47119	7/6/89	15:15:40	-11	47108
900.0	2200.0	47127	7/6/89	15:16:10	-11	47116
912.5	2200.0	47101	7/6/89	15:16:40	-10	47091
925.0	2200.0	47138	7/6/89	15:17:10	-10	47128
937.5	2200.0	47151	7/6/89	15:17:40	-10	47141
950.0	2200.0	47119	7/6/89	15:18:10	-10	47109
962.5	2200.0	47126	7/6/89	15:18:40	-10	47116
975.0	2200.0	47126	7/6/89	15:19:20	-10	47116
987.5	2200.0	47129	7/6/89	15:20:00	-9	47120
1000.0	2200.0	47119	7/6/89	15:20:50	-9	47110
1012.5	2200.0	47126	7/6/89	15:21:40	-9	47117
1025.0	2200.0	47117	7/6/89	15:22:30	-9	47108
1037.5	2200.0	47126	7/6/89	15:23:20	-9	47117
1050.0	2200.0	47121	7/6/89	15:24:00	-8	47113
1062.5	2200.0	47102	7/6/89	15:24:40	-8	47094
1075.0	2200.0	47112	7/6/89	15:25:20	-8	47104
1087.5	2200.0	47106	7/6/89	15:25:55	-8	47098
1100.0	2200.0	47148	7/6/89	15:26:30	-8	47140
1100.0	2150.0	47125	7/6/89	15:32:00	-7	47118
1087.5	2150.0	47149	7/6/89	15:32:40	-7	47142
1075.0	2150.0	47135	7/6/89	15:33:20	-7	47128
1062.5	2150.0	47116	7/6/89	15:34:10	-7	47109
1050.0	2150.0	47118	7/6/89	15:35:00	-6	47112
1037.5	2150.0	47114	7/6/89	15:35:40	-6	47108
1025.0	2150.0	47120	7/6/89	15:36:20	-6	47114
1012.5	2150.0	47124	7/6/89	15:37:00	-6	47118
1000.0	2150.0	47120	7/6/89	15:37:30	-6	47114
987.5	2150.0	47116	7/6/89	15:38:00	-5	47111
975.0	2150.0	47117	7/6/89	15:38:30	-5	47112
962.5	2150.0	47119	7/6/89	15:39:00	-5	47114
950.0	2150.0	47082	7/6/89	15:39:30	-5	47077
937.5	2150.0	47101	7/6/89	15:40:00	-4	47097
925.0	2150.0	47142	7/6/89	15:40:30	-4	47138
912.5	2150.0	47151	7/6/89	15:41:00	-4	47147
900.0	2150.0	47120	7/6/89	15:41:30	-4	47116
887.5	2150.0	47123	7/6/89	15:42:00	-4	47119
875.0	2150.0	47122	7/6/89	15:42:30	-3	47119
862.5	2150.0	47123	7/6/89	15:43:00	-3	47120
850.0	2150.0	47125	7/6/89	15:43:30	-3	47122
837.5	2150.0	47123	7/6/89	15:44:00	-3	47120
825.0	2150.0	47119	7/6/89	15:44:30	-3	47116
812.5	2150.0	47120	7/6/89	15:45:00	-3	47117
800.0	2150.0	47122	7/6/89	15:45:30	-2	47120
900.0	2100.0	47113	7/6/89	15:54:00	-2	47111

TABLE 1: GROUND MAGNETICS

EAST	NORTH	reading	date	time	corr	total
912.5	2100.0	47113	7/6/89	15:54:30	-2	47111
925.0	2100.0	47110	7/6/89	15:55:00	-2	47108
937.5	2100.0	47122	7/6/89	15:55:30	-2	47120
950.0	2100.0	47120	7/6/89	15:56:00	-2	47118
962.5	2100.0	47111	7/6/89	15:56:25	-2	47109
975.0	2100.0	47110	7/6/89	15:56:50	-2	47108
987.5	2100.0	47107	7/6/89	15:57:20	-2	47105
1000.0	2100.0	47103	7/6/89	15:58:00	-2	47101
1012.5	2100.0	47098	7/6/89	15:58:30	-2	47096
1025.0	2100.0	47111	7/6/89	15:59:00	-2	47109
1037.5	2100.0	47097	7/6/89	15:59:30	-2	47095
1050.0	2100.0	47103	7/6/89	16:00:00	-2	47101
1062.5	2100.0	47104	7/6/89	16:00:30	-2	47102
1075.0	2100.0	47118	7/6/89	16:01:00	-2	47116
1087.5	2100.0	47102	7/6/89	16:01:30	-2	47100
1100.0	2100.0	47102	7/6/89	16:02:00	-2	47100
1087.5	2050.0	47095	7/6/89	16:05:30	-1	47094
1075.0	2050.0	47099	7/6/89	16:06:00	-1	47098
1062.5	2050.0	47100	7/6/89	16:06:30	-1	47099
1050.0	2050.0	47093	7/6/89	16:07:00	-1	47092
1037.5	2050.0	47107	7/6/89	16:07:30	-1	47106
1025.0	2050.0	47104	7/6/89	16:08:00	-1	47103
1012.5	2050.0	47103	7/6/89	16:08:30	-1	47102
1000.0	2050.0	47096	7/6/89	16:09:00	-1	47095
987.5	2050.0	47098	7/6/89	16:09:30	-1	47097
975.0	2050.0	47109	7/6/89	16:10:00	-1	47108
962.5	2050.0	47102	7/6/89	16:10:30	-1	47101
950.0	2050.0	47109	7/6/89	16:11:00	-1	47108
937.5	2050.0	47122	7/6/89	16:11:30	-1	47121
925.0	2050.0	47101	7/6/89	16:12:00	-1	47100
912.5	2050.0	47105	7/6/89	16:12:30	-1	47104
900.0	2050.0	47103	7/6/89	16:13:00	-1	47102
900.0	2000.0	47111	7/6/89	16:15:20	0	47111
912.5	2000.0	47107	7/6/89	16:16:00	0	47107
925.0	2000.0	47106	7/6/89	16:16:30	0	47106
937.5	2000.0	47106	7/6/89	16:17:00	0	47106
950.0	2000.0	47105	7/6/89	16:17:30	0	47105
962.5	2000.0	47101	7/6/89	16:18:00	0	47101
975.0	2000.0	47096	7/6/89	16:18:30	0	47096
987.5	2000.0	47105	7/6/89	16:19:00	0	47105
1000.0	2000.0	47108	7/6/89	16:19:30	0	47108
1012.5	2000.0	47097	7/6/89	16:20:00	0	47097
1025.0	2000.0	47105	7/6/89	16:20:30	0	47105
1037.5	2000.0	47096	7/6/89	16:21:00	0	47096
1050.0	2000.0	47126	7/6/89	16:21:30	0	47126
1062.5	2000.0	47103	7/6/89	16:22:00	0	47103
1075.0	2000.0	47106	7/6/89	16:22:30	0	47106

HARADIES MAGNETICS INTERP.

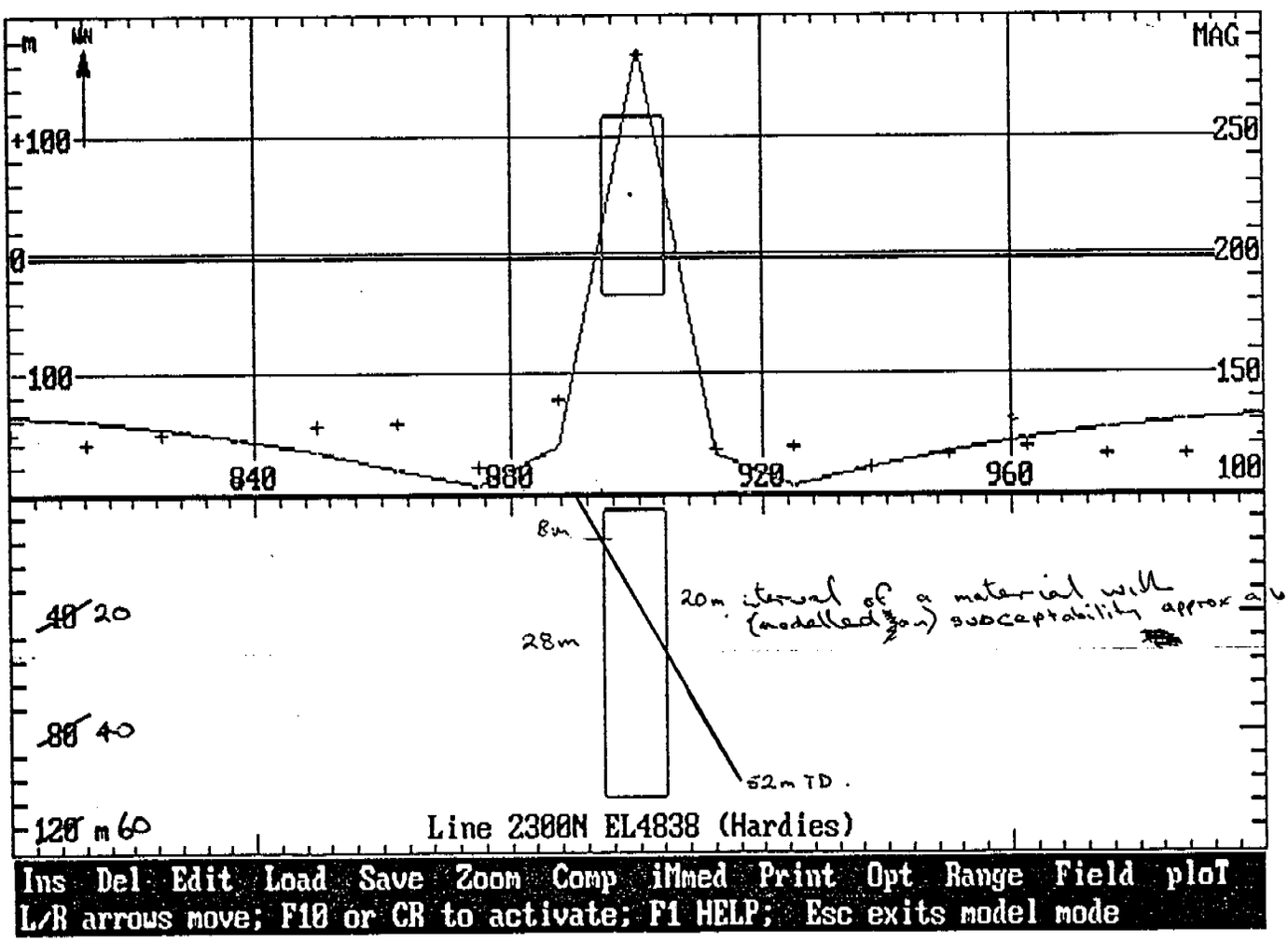
File: C:\USA\DAVE\SLOCAN\LOCOH.TRN 31/05/90

```
NO. OF LOOPS        [ 1]
BODY [ 1]           [Tabular                ]
  PROPERTIES
    Conductivity    [ 1.0000   ]    [g/cc    ]
    Susceptibility  [ .005300  ]    [cgs     ]
    Remanence
      Q   ratio     [      .000]                }
      Magnetization [      .000]    [nT      ] } N.A.
      Azimuth       [    .00    ]    [degrees] }
      Dip of rem.   [-60.0      ]    [degrees] }
  DIMENSIONS          EASTING.        OFFSET          Depth
    Location x,y,z  [    899.7],[      44.2],[      4.6] [metres ]
    Thickness       [    10.00]    [metres ]
    Dip             [ 90.00]    [degrees]
    Azimuth         [     .000]    [degrees]
    Strike length   [    150.0]    [metres ]
    Depth extent    [    96.76]    [metres ]
```

Probably too deep

DAVE PRATT INTERPRETATION.

MAY 31 / 1990



∴ hole collar 890mE 2325mN
inclined 60° TO AZ. 90°

HEADER DATA FOR HDPDH001

TITLE : HDPDH001
CLIENT : CARBON MINERALS N.L.
PROJECT : HARDIES MCN2930
TOTAL DEPTH : 40.000m
START/FINISH DATES : 1/6/90
LOGGED BY : IMM
CONTRACTOR/MACHINE : WHITE DRILLING/ EDSON 6000
GRID DATA : AMG approx.
COLLAR SURVEY DATA :
Easting: 9608.000 Northing: 1740.000 R.L.: 60.000
Azimuth: 75.0 Inclination: -60.0
DOWNHOLE SURVEY DATA:
Number of Surveys: 0

NAME: HDPDH001

HARDIES MCN2930 CARBON MINERALS N.L. Page 1

SAMPLE NUMBER	THICK (m)	DEPTH TO BASE (m)	GEOLOGICAL DESCRIPTION
48001	1.000	1.000	SURFACE SOIL & DEBRIS; chips >2cm; SILTSTONE; GREYWACKE;
48001	1.000	2.000	SILTSTONE; chips >2cm; slightly weathered; interbedded with MUDSTONE; mid-grey-green; moderately hard; moderately to finely bedded; moderately foliated; minor quartz ; white quartz from surface rubble
48001	1.000	3.000	MUDSTONE; chips 0.5-2.0cm; slightly weathered; similar to above; GREYWACKE; 05%; grey-green; fine grained; moderately sorted;
48002	1.000	4.000	MUDSTONE; chips <0.5cm; highly weathered; micaceous; pale khaki; soft; moderately to highly foliated; partly clayey; abundant magnesite
48002	1.000	5.000	MUDSTONE; chips <0.5cm; highly weathered; as above; pale khaki; soft & fissile; no magnesite
48002	1.000	6.000	MUDSTONE; chips <0.5cm; highly weathered; as above;
48003	1.000	7.000	MUDSTONE; chips <0.5cm; moderately weathered; similar to above; mid-khaki grading to grey-green; soft to moderately hard; moderately to highly foliated; GREYWACKE; 10%; moderately weathered; khaki; fine grained; soft to moderately hard;
48003	1.000	8.000	MUDSTONE; 50%; chips <0.5cm; moderately weathered; as above; grades to MUDSTONE; 30%; slightly weathered; dark grey-green; moderately to highly foliated; GREYWACKE; 20%; as above;
48003	1.000	9.000	MUDSTONE; 40%; chips <0.5cm; moderately weathered; as above; MUDSTONE; 10%; slightly weathered; similar to above; dark grey-green; GREYWACKE; 50%; moderately weathered; similar to above; khaki; fine to coarse grained; moderately hard;
48004	1.000	10.000	GREYWACKE; 70%; pulverized; olive; fine to coarse grained; soft to moderately hard; MUDSTONE; 30%; slightly to moderately weathered; dark grey;
48004	1.000	11.000	MUDSTONE; pulverized; partly clayey; cream; soft & puggy; MUDSTONE; dark grey-green; GREYWACKE; similar to above;
48004	1.000	12.000	MUDSTONE; pulverized; cream grading to mid to dark grey; moderately hard to hard; poorly foliated; CLAY; orange; GREYWACKE; similar to above;
48005	1.000	13.000	MUDSTONE; pulverized; rock type doubtful; SAMPLE >90% FINES; orange; MUDSTONE; 20%; chips <0.5cm; dark grey; moderately hard to hard;
48005	1.000	14.000	MUDSTONE; pulverized; as above; MUDSTONE; 40%; chips <0.5cm; mid-grey-green grading to dark grey; moderately hard to hard; moderately foliated;
48005	1.000	15.000	GREYWACKE; chips <0.5cm; moderately weathered; khaki; fine grained; MUDSTONE; 20%; as above;
48006	1.000	16.000	GREYWACKE; 50%; chips <0.5cm; moderately weathered; similar to above; khaki; medium grained; soft; CLAY; 30%; orange; MUDSTONE; 20%; khaki grading to dark grey-green; moderately foliated;
48006	1.000	17.000	GREYWACKE; 50%; chips <0.5cm; slightly weathered; mid to dark olive; medium grained; soft to moderately hard; GREYWACKE; 30%; pulverized; moderately weathered; khaki; MUDSTONE; 20%; chips <0.5cm; slightly weathered; grey-green; moderately foliated;
48006	1.000	18.000	GREYWACKE; pulverized; slightly weathered; similar to above; olive; medium to coarse grained; soft to moderately hard; mainly fines

SAMPLE NUMBER	THICK (m)	DEPTH TO BASE (m)	GEOLOGICAL DESCRIPTION
48007	1.000	19.000	MUDSTONE; chips <0.5cm; weathered in part; partly grades to SILTSTONE; dark grey-green; moderately hard to hard; moderately foliated;
48007	1.000	20.000	MUDSTONE; 70%; chips <0.5cm; weathered in part; dark grey-green; moderately hard to hard; moderately to highly foliated; grades to SILTSTONE; 30%; slightly weathered; khaki; moderately hard; poor to moderately foliated;
48007	1.000	21.000	GREYWACKE; chips <0.5cm; weathered in part; olive grading to mid-blue-grey; fine to coarse grained; moderately sorted; moderately hard;
48008	1.000	22.000	GREYWACKE; chips <0.5cm; weathered in part; as above; sample damp
48008	1.000	23.000	GREYWACKE; chips <0.5cm; weathered in part; similar to above; trace of quartz ; WET slurry sample
48008	1.000	24.000	MUDSTONE; 70%; chips <0.5cm; unweathered; dark to very dark green-grey; moderately hard to hard; moderately foliated; GREYWACKE; 30%; chips <0.5cm; as above; wet slurry
48009	1.000	25.000	GREYWACKE; 70%; chips <0.5cm; unweathered; mid to dark grey-green; fine to coarse grained; moderately hard to hard; MUDSTONE; 30%; similar to above; dark to very dark green-grey; wet but cleaner; all samples below this depth are wet and show some contamination; water flow remains only minor
48009	1.000	26.000	GREYWACKE; 70%; chips <0.5cm; as above; MUDSTONE; 30%; as above;
48009	1.000	27.000	GREYWACKE; chips 0.5-2.0cm; mid to dark grey-green; fine to coarse grained; hard to very hard; massive (>100cm); minor iron oxides as fracture-coatings;
48010	1.000	28.000	GREYWACKE; chips <0.5cm; as above;
48010	1.000	29.000	GREYWACKE; 90%; chips <0.5cm; as above; MUDSTONE; 10%; as above; trace of quartz veinlets;
48010	1.000	30.000	GREYWACKE; 80%; chips <0.5cm; MUDSTONE; 20%; as above;
48011	1.000	31.000	GREYWACKE; chips <0.5cm; as above; trace of pyrite - disseminated; MUDSTONE; 20%; as above;
48011	1.000	32.000	GREYWACKE; chips <0.5cm; similar to above; trace of quartz veinlets;
48011	1.000	33.000	GREYWACKE; 90%; chips <0.5cm; MUDSTONE; 07%; as above; 03% quartz veinlets;
48012	1.000	34.000	GREYWACKE; chips 0.5-2.0cm; as above; mid to dark grey-green; fine to coarse grained; hard to very hard; massive (>100cm); 07% quartz veinlets; quartz white opaque to subtranslucent; some large greywacke fragments to 10mm
48012	1.000	35.000	GREYWACKE; chips <0.5cm; as above; 05% quartz veinlets;
48012	1.000	36.000	GREYWACKE; chips <0.5cm; as above; 07% quartz veinlets; increasing contamination to approx. 10%
48013	1.000	37.000	GREYWACKE; chips <0.5cm; as above; 05% quartz veinlets; CONTAMINATED SAMPLE; 15%;
48013	1.000	38.000	GREYWACKE; 70%; chips <0.5cm; as above; MUDSTONE; 10%; dark to very dark grey; hard to very hard; massive to poorly foliated; 05% quartz veinlets; CONTAMINATED SAMPLE; 15%;
48013	1.000	39.000	MUDSTONE; 70%; chips <0.5cm; dark to very dark grey grading to black; hard to very hard; moderately to highly foliated; GREYWACKE; 15%; as above; trace of quartz ; CONTAMINATED SAMPLE; 15%;
48014	1.000	40.000	MUDSTONE; 70%; chips <0.5cm; as above; GREYWACKE; 15%; as above; CONTAMINATED SAMPLE; 15%;
			*** END OF HOLE ***

ANALYSIS REPORT

Australian Assay Laboratories Group

PINE CREEK: Lot 174 Ward St,Pine Creek 0847
PO Box 41, Pine Creek 0847
Ph (089)761 262 Fax 761 310

EARTH RESOURCES AUSTRALIA

REPORT : PC 023824 2 Page(s) Date : 21/06/90

Client reference : 81

Cost code :

Copies to : IAN MILLIGAN

Samples : Type Preparation code
Received : 04/06/90

Analysis	Code	Quality Parameter	Detection	Units
Au	FA50	Acc. ±15 %	0.01	ppm
Au(R)	FA50	Acc. ±15 %	0.01	ppm
As	D100	Prec.±10 %	100	ppm
Pb	D100	Prec.±10 %	5	ppm
	D100	Prec.±10 %	2	ppm
Zn	D100	Prec.±10 %	2	ppm
Ag	D100	Prec.±10 %	1	ppm
Bi	D100	Prec.±10 %	10	ppm
Hg	D270	Prec.±10 %	0.01	ppm
Sb	D210	Prec.±10 %	0.5	ppm
W	XRF/D410	Prec.±10 %	10	ppm

Laboratory Manager : Greg Walker

ANALYSIS REPORT

Australian Assay Laboratories Group

REPORT : PC 023824

Sample	Au	Au(R)	As	Pb	Cu	Zn	
48001	0.01		—	93	34	75	
48002	<0.01		—	50	38	71	
48003	<0.01		—	58	29	70	
48004	<0.01		—	54	24	65	Hardies MC PDH 1
48005	0.05	0.06	—	40	40	76	
48006	<0.01		—	37	22	80	drill chips
48007	<0.01		—	52	24	72	
48008	<0.01		—	38	25	71	
48009	<0.01		—	50	33	69	
48010	<0.01		—	36	39	77	
48011	<0.01		—	40	46	62	
48012	<0.01		—	37	38	56	
48013	<0.01		—	36	30	58	
48014	<0.01		—	57	47	63	

ANALYSIS REPORT

Australian Assay Laboratories Group

REPORT : PC 023824

 See pl for locations.

Sample	Ag	Bi	Hg	Sb	W
48001	<1	—	—	—	—
48002	<1	—	—	—	—
48003	<1	—	—	—	—
48004	<1	—	—	—	—
48005	<1	—	—	—	—
48006	<1	—	—	—	—
48007	<1	—	—	—	—
48008	<1	—	—	—	—
48009	<1	—	—	—	—
48010	<1	—	—	—	—
48011	<1	—	—	—	—
48012	<1	—	—	—	—
48013	<1	—	—	—	—
48014	<1	—	—	—	—

Handies RIC's. Drilling

[redacted] REPORT

PINE CREEK: Lot 174 Ward St,Pine Creek 0847
PO Box 41, Pine Creek 0847
Ph (089)761 262 Fax 761 310

EARTH RESOURCES AUTSRALIA

REPORT : PC 013884 2 Page(s) Date : 13/10/88

Client reference : 50 Project : HARDIES

Cost code :

Copies to : IAN MILLIGAN

Samples : Type Preparation code
Received : 03/10/88

Analysis	Code	Quality Parameter	Detection	Units
Au	D100	Prec.±10 %	2	ppm
Pb	D100	Prec.±10 %	5	ppm
Cu	D100	Prec.±10 %	2	ppm
Au	FA50	Acc. ±15 %	0.01	ppm
Au(R)	FA50	Acc. ±15 %	0.01	ppm

Laboratory Manager : Graeme Caplan

[redacted] REPORT

REPORT : PC 013884 Page 1 of 2

Sample	As	Pb	Cu	Au	Au(R)
36578	60	295	23	—	
36581	62	322	28	—	
36584	9	45	11	—	
36590	23	122	12	—	
36592	250	863	30	—	
36717	15	84	19	—	
36719	15	286	11	—	
36721	15	29	19	—	
36723	6	27	14	—	
36725	10	46	16	—	
36727	11	24	15	—	
36759	8	33	20	—	
36733	56	218	27	—	
36582	—	—	—	0.21	
36585	—	—	—	0.01	0.02
36586	—	—	—	0.83	
36587	—	—	—	0.06	
36588	—	—	—	0.42	
36593	—	—	—	0.41	
36594	—	—	—	1.78	
36595	—	—	—	4.72	
36596	—	—	—	0.24	
36597	—	—	—	0.15	0.16
36598	—	—	—	0.67	
36599	—	—	—	0.09	

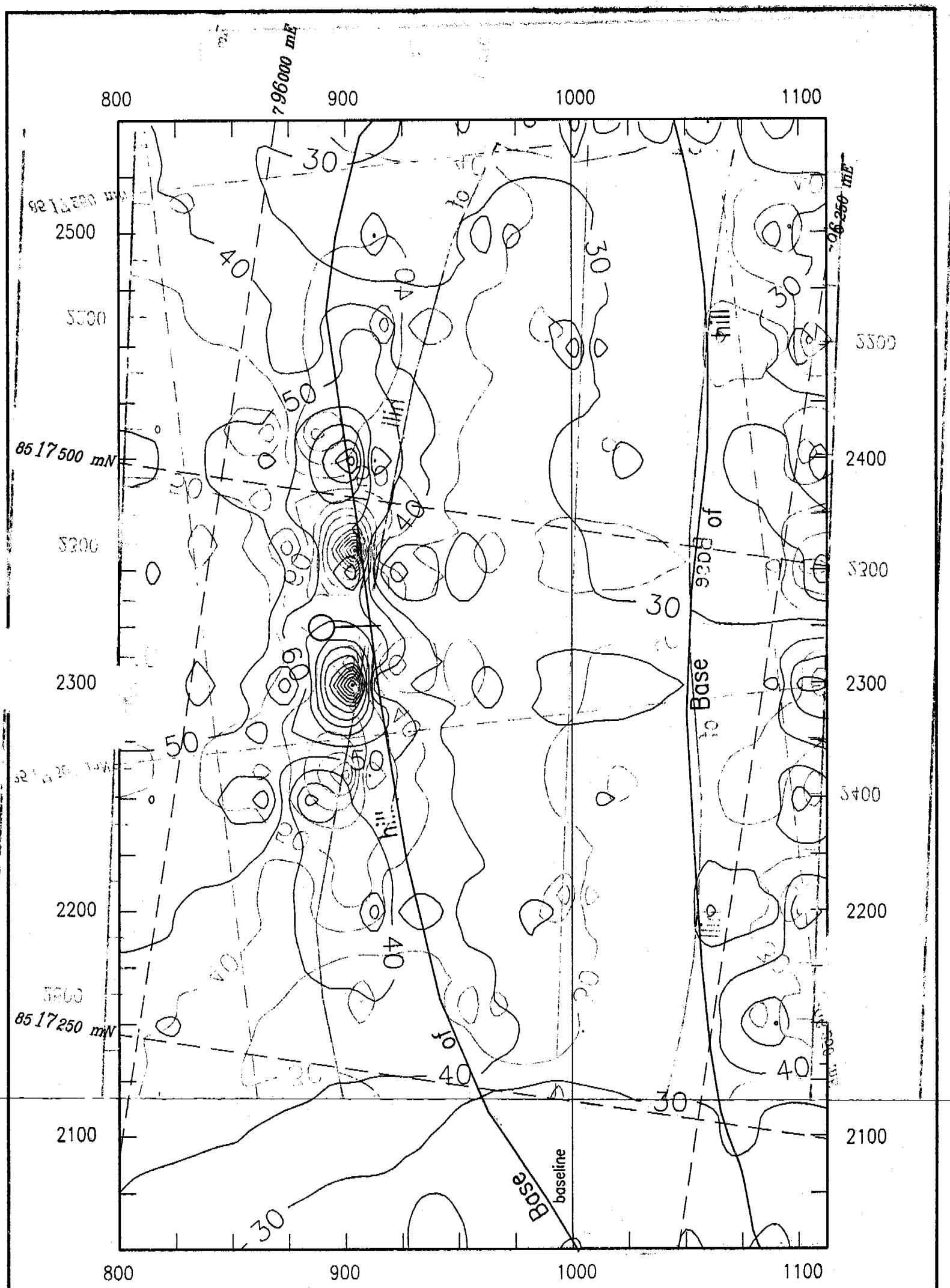
Data in ppm unless otherwise stated.

[redacted] REPORT

REPORT : PC 013884

Sample	As	Pb	Cu	Au	Au(R)
36600	—	—	—	0.05	
36730	—	—	—	0.05	
36731	—	—	—	1.55	

Data in ppm unless otherwise stated.


796000 mE
800
900
1000
1100
2500
2400
2300
2200
2100
8517500 mN
8517250 mN
30
40
50
hill
Base of hill
Base
baseline
Drill Hole
HDPDH1
Prospect Grid North
AMG North
EARTH RESOURCES AUSTRALIA PTY LIMITED
HAWKES NEST GOLD P/L
MCN's 2930 & 2931
MAGNETICS
Residual, computer contoured
SCALE 1:2 000
0
50
METRES
REPORT NO. A382
DATE APRIL 1992
FILE NAME: HDMCN
AUTHOR MM/MD
FIGURE 3