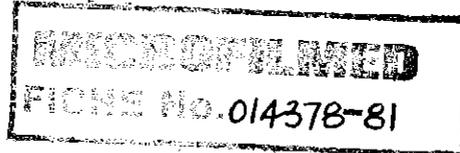


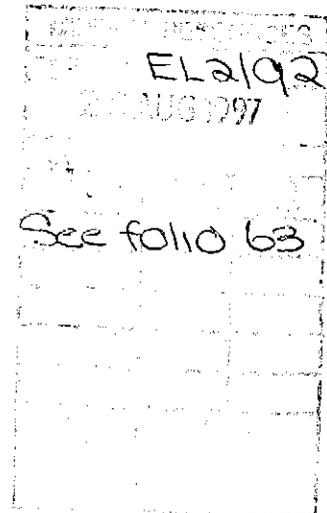
402000

EXPLORATION LICENCE 2/92

"LISLE"



ANNUAL REPORT ON EXPLORATION ACTIVITY  
FOR THE YEAR ENDED 24 JULY 1997



**Distribution:**

Mineral Resources Tasmania 1  
MACMIN (Gold Coast) 1



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## 1.0 SUMMARY

The historic Lisle goldfield produced around 250,000 ounces of gold up to 1909, mainly from alluvials.

Reconnaissance soil sampling in the 1993-94 year outlined 54 discrete gold and or arsenic anomalies over 10 areas.

In the 1994-95 year detailed B-horizon soil sampling was carried out on 5 of the previously outlined prospects plus one new area. Two of the anomalies defined by the soil sampling were also power auger sampled (at the C-horizon) and selected adits and shafts were rock chip sampled. In 1995-1996 3 diamond drillholes were collared at the Enterprise Prospect and one at Golden Crest. A further reverse circulation hole was drilled at Enterprise.

In the Lisle-Enterprise-Panama area the proposed ore deposit model is a gold-sulphide reef similar to the Tasmania Reef at Beaconsfield. The Tasmania Reef has a known total resource in excess of 1.0 million ozs gold at a grade of approximately 23 g/t Au.

During the past year the entire licence has been systematically mapped at a scale of 1:5000 along all roads and tracks. Deep power auger sampling was completed on a grid over the Panama Prospect and along some tracks with suspected scree deposits. Tracks omitted in the initial soil sampling programme in 1993-94 were also soil sampled.

## 2.0 INTRODUCTION

### 2.1 Location

E.L. 2/92 "Lisle" lies in the north-east of Tasmania, about 30 km from Launceston. (see Figure 1).

### 2.2 Tenure

E.L. 2/92 "Lisle" was issued to R.D. & R.J. McNeil on 24 July 1992. On 16/10/92 the title was transferred to MACMIN N.L.

E.L. 2/92 is bounded by A.M.G. lines 5443000m N and 5431000m N to the north and south respectively and A.M.G. lines 523000m E and 529000m E to the west and east respectively.

There are a number of exclusions, these being M.L.'s held by prospectors chasing alluvial gold.

### 2.3 Land Usage and Access

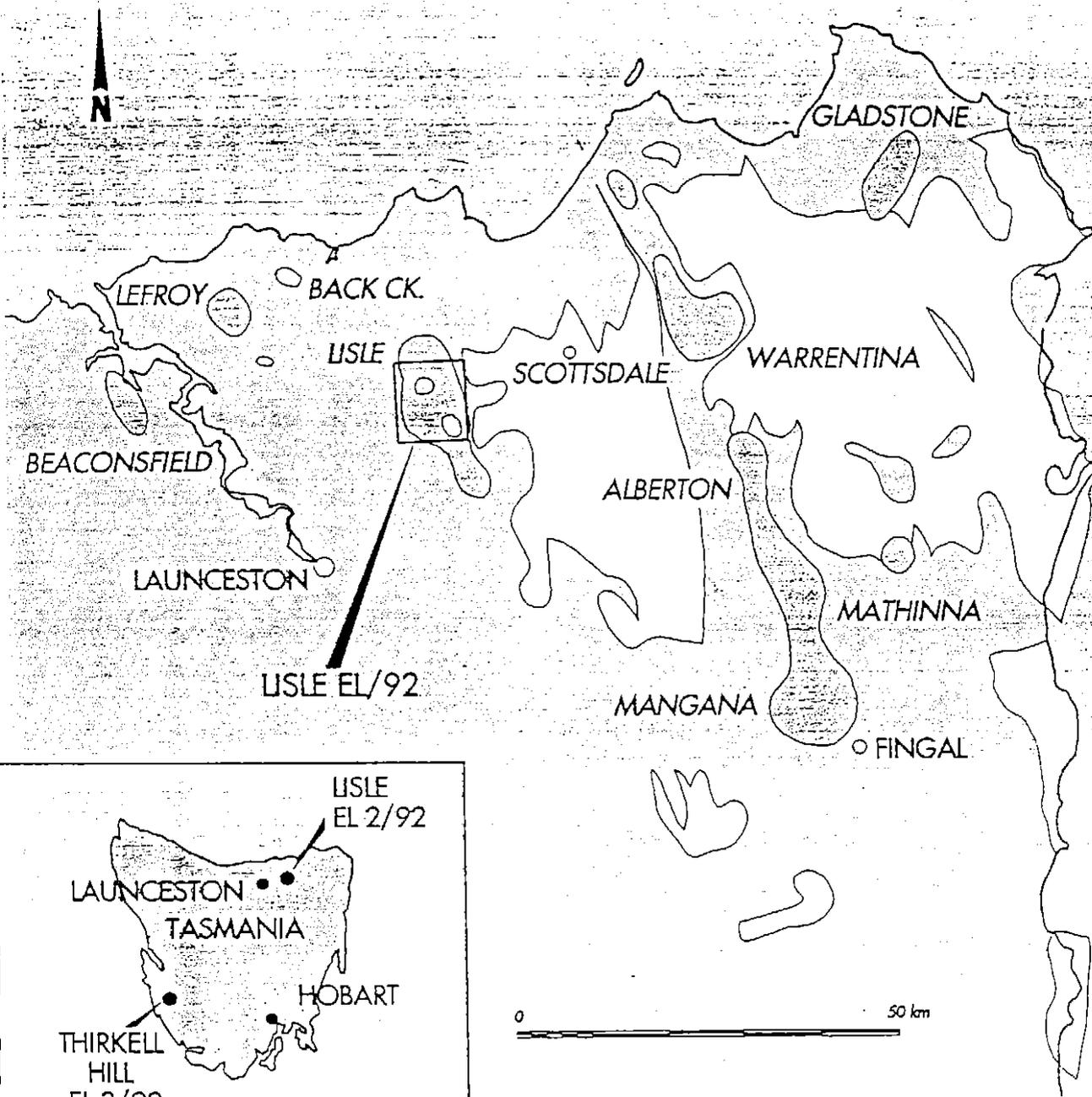
The area is largely used for forestry with extensive pine plantations and areas of old and regrowth dry and wet sclerophyll forest. The northern third of the E.L. contains a number of farms and private land-holdings, however, in general these lie on relatively unprospective ground.

The E.L. is serviced by a bitumen road to the north and an unsealed road to the south. Within the E.L. numerous forestry roads provide good access to most of the prospective areas.

### 2.4 Topography

The maximum relief of the area is 400 m. The main Lisle goldfield occupies a basin-like depression with steep ridges ringing it on all sides except to the north where the Lisle Creek passes through a gorge. The Lone Star and Panama goldfields occupy similar but smaller depressions.

The steep slopes are generally covered by talus deposits which obscure the bedrock geology.



After: Bottrill et al, 1992

- Goldfields
- Granitoid outcrop

**GOLD PRODUCTION  
N.E. TASMANIA**

DANS RIVULET	0.1t
WARRENTINA	0.1t
GLADSTONE	0.2t
BACK CREEK	0.3t
MANGANA	0.5t
ALBERTON	0.8t
LEFROY	5.2t
MATHINNA	8.8t
LISLE	10.0t
BEACONSFIELD	27.8t

5 cm



**MACMIN N.L**

**GOLDFIELDS AND GRANITOIDS  
OF NE TASMANIA**

FIG 1

### 3.0 GEOLOGY

#### 3.1 Geological Summary

The geology of the Lisle area has been described in some detail in the 1993 Annual Report for E.L. 2/92. A simplified geological map is shown in Figure 2.

The oldest rocks are Ordovician to Early Devonian Mathinna Beds consisting of quartz-wacke to pelitic turbidites. These were multiply folded in the mid Devonian prior to being intruded by granitic to dioritic rocks of the Scottsdale batholith forming contact metamorphic aureoles.

Sediments in these metamorphic aureoles are spotty or hornfelsed with the black hornfelsed rocks probably representing metamorphosed black shales.

Unconformably overlying these rocks are Permian sediments, which have been largely removed by erosion and are now only seen in the south-west corner of the licence.

Tertiary basalts outcrop in the far north-east and south-east of the E.L. and occupy palaeo-topographic lows.

Primary gold mineralisation is generally considered to be syn-tectonic with perhaps some remobilisation associated with the granitic intrusions.

The source of the alluvials in the Lisle basin is the source of much conjecture and is not considered here.

#### 3.2 Ore Deposit Model

The regional "model" which MACMIN considers most applicable to EL 2/92 is the Tasmania Reef (held by Beaconsfield Gold N.L.). This model consists of a quartz + carbonate + sulphide filled fracture that is transgressive to the host sediments and is fault controlled. The reef varies in width from less than 1 metre to approximately 5 metres and has a strike length of 350 to 400m. The mine operated from 1877 to 1914 and produced 840,000 ounces of gold from 1.38 million tonnes of ore (head grade of 24.6 g/t Au). Beaconsfield has published an indicated and inferred resource of 650,000 tonnes at 22.5 g/t Au (470,000 ounces) from the level of the historic workings down an additional 250m. In addition, mineralised drill intersections have been encountered a further 200m down giving a system with a minimum depth extent of 850m and a good probability of having a resource (historic total) with greater than 1.5 million ounces of gold.

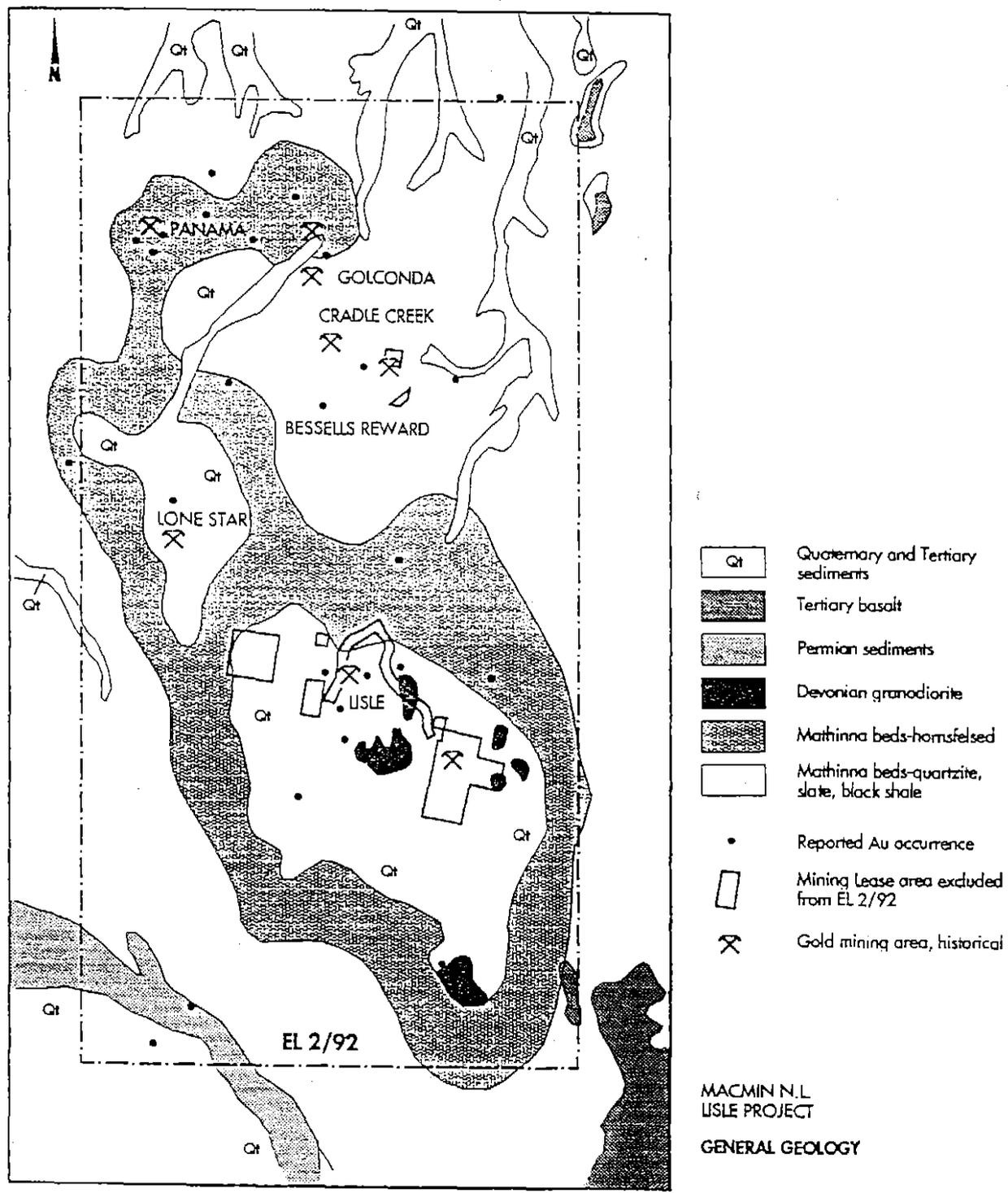


FIG 2

VERY!

There are broad geological similarities between the Beaconsfield and Lisle areas.       

The principal target in the Lisle area is gold mineralised (high grade) veins with widths comparable to the Tasmania Reef. In addition, several other styles of gold mineralisation are possible and these include sheeted veins, quartz stockworks and bulk mineable disseminated gold deposits.

#### 4.0 PREVIOUS EXPLORATION

Charles Bessell initially discovered gold in the Lisle area in the 1870's. Past production was mainly from alluvials with minimal production from small high-grade veins.

Modern exploration has been pursued intermittently since 1976 by several companies; details are outlined in the 1993 Annual Report for EL 2/92.

## 5.0 EXPLORATION CONDUCTED IN THE LAST 12 MONTHS

Exploration during the past 12 months has concentrated on surface geochemical sampling and detailed geological mapping.

Much of the Lisle basin has a covering of scree which obscures bedrock geochemistry. Previous soil sampling had shown surface soil gold anomalies around the Panama area, which were suspected to be a transported anomaly. A two-man mechanical auger with 1m+ penetration capability was used to grid sample the Panama area and also to sample along tracks, some not previously sampled, which were suspected to be underlain by scree.

### 5.1 Power Auger Sampling

Power Auger samples were collected from approximately 1m depth from a 200-300m x 20m grid over the Panama Prospect (total 344 samples).

Single auger sample lines were also run at Bessels (50 samples), Claire's Reward (55 samples), Lone Star (80 samples), Lone Star Ridge West (30 samples). Auger samples were collected every 10m along tracks or roads from an average depth of 1m. Approximately 6.2 km of tracks were auger sampled. Power auger sample locations are shown on plans 1, 2 and 3.

Auger sampling along tracks concentrated on areas where previous soil sampling along the track has shown anomalous gold levels. This 'duplication' of samples was used to check whether the deeper auger samples would produce more strongly anomalous results than the shallower soil samples.

### 5.2 Soil Sampling

Soil samples were collected at 20m intervals along tracks or roads. Soil samples were collected at Bessels, Lone Star, Titmus and Lisle Gorge.

Table 1: Sample Statistics

*Previously Reported*

Location	Sample Type	# Samples	Sample No.
?	Auger	638	25001-25638 ✓
	Soil	298+	27001-27298 ✓
	Rockchip	10	29001-29010 ✓
	Rock	72	MLR1-MLR71 ✓
Panama	Auger	344	25001-25212

All samples were assayed for Au, As, Cu, Pb, Zn at Amdel Laboratories, South Australia by methods A49 (Au), XRF (Pb, As), or AA1 (Cu, Zn).

Soil samples were collected mainly from tracks not previously sampled or those in areas already shown to be anomalous. Soil samples were collected from east and west of Lone Star Goldfield (20 + 17 samples respectively); Claire's Reward (60 samples). Sample locations are shown on plans 1, 2 and 3.

### 5.3 Geological Mapping

Detailed 1:5000 geological mapping has been completed across the whole licence by traversing most roads and tracks. Mapping is shown on plans 3, 4 and 5.

## 6.0 RESULTS

### 6.1 Panama Grid

Due to the difficulty in cutting lines through the vegetation the Panama area was sampled at 10m intervals along lines spaced 200m apart. Each sample comprised two sub-samples from 2.5m on either side of the sample point; these were then combined. Because of the wide spacing of the lines it is generally not possible to correlate results between lines. Sample locations and results are shown on plan 7.

Two coherent areas of Au anomalism (and associated high As values) are present at Panama. The northern anomaly centred on 5441500mN, 324000mE spans two adjacent lines. Maximum assays of 63ppb Au and 850ppb As are present. From rock chips collected with the sample this anomaly is speculated to be over granite with associated quartz veins.

The southern high Au/high As anomaly, is centred on 5440900mN, 324000mE and has maximum assays of 41ppb Au and 450ppb As. From rocks chips in the sample this anomaly corresponds with the Matthinna Beds immediately adjacent to an area of scree/valley fill.

Other moderate-low anomalous gold values are found on line 5441600mN (associated with moderate arsenic values), on line 5441200mN (associated with high As values).

High arsenic values are considered to be associated with Matthinna Beds subcrop (approximately mapped by rock chips in the samples). Low arsenic values are thought to overlie granite.

### 6.2 Results From Track Auger Samples (plans 8 - 13)

A soil sampled track re-sampled by auger in the south centre of sheet 1 (326000mE 5439400mN) at Bessells gave erratic correlation between the two methods. High gold values of 120, 50 and 35ppb from the augering corresponds with Au levels below the detection limit up to 43 and 14ppb from soil sampling.

Further west high soil values of 94, 64, 22ppb correspond with 22, 12, 17ppb from deep auger sampling. Auger samples from the continuation of this track north of 5440000mN, gave low to very low Au values (<5ppb) at the southern end, but in the northern 200m values increased to 5-65ppb.

Auger sampling along a track cutting the southern end of the Lone Star Goldfield gave mostly low results (BLD) except for along strike of the goldfield where values were mostly 5-19ppb Au with an assay of 450ppb Au (390ppb dup) at the eastern edge.

At Lone Star Ridge West (324000mE - 5436000mN) the northern end of auger sampling assayed 10-33ppb with one sample assaying 440ppb (dup 480ppb). These samples were from the same location of previous soil samples of 12 and 80ppb Au.

Auger sampling along a short stretch of track at 324600mE 5434000mN to check on previous soil assays of 6, 3900 and 14ppbAu confirmed the anomaly and gave results of 5 - 53ppb Au over the same area.

### 6.3 Results From Soil Sampling (plans 8 - 13)

Samples were generally <3ppb and often below detection limit, eg. line cutting 326000mE at 5440200mN isolated samples gave values  $\geq 10$ ppb. Occasional isolated very high values eg 170ppb, 91ppb, 140ppb Au are present.

### 6.4 Results of Geological Mapping

Much of the central part of the licence, particularly on the southern sheet is covered with soil probably overlying scree. Several square kilometres of granite outcrop in the south eastern part of the licence with a small apophysis of granite at Enterprise on the northern sheet.

The sandstones and siltstones of Matthinna Beds outcrop/subcrop over much of the remainder of the licence, a thin (200m) zone of hornfels outcrops/subcrops along part of the western edge of the granite and most of the remainder is clay altered. Hornfels in the centre of the middle sheet may indicate sub-surface granite. Mapping over the Panama area showed mostly clay alteration, with generally very little outcrop. The adits present are cut into granite.

APPENDIX 1

Laboratory Assay Sheets

Final

## ANALYTICAL REPORT

SAMPLE	Cu	Zn	Au	Au	Dp1	Pb	As
27030	7	10	<1	--		16	<2
27031	5	9	<1	--		19	<2
27032	6	12	<1	--		13	<2
27033	8	11	<1	--		23	<2
27034	7	15	<1	--		14	<2
27035	10	19	<1	--		13	5
27036	7	5	2	--		24	19
27037	11	10	1	--		11	3
27038	6	11	<1	--		10	<2
27039	L.N.R.						
27040	13	11	<1	<1		17	4
27041	20	12	3	--		27	5
27042	12	17	<1	--		20	<2
27043	8	19	<1	--		8	<2
27044	17	12	<1	--		14	6
27045	11	21	<1	--		12	<2
27046	15	18	<1	--		15	<2
27047	L.N.R.						
27048	19	62	2	--		26	2
27049	7	15	<1	--		12	<2
27050	10	15	<1	--		31	<2
27051	10	13	<1	--		17	<2
27052	9	14	<1	--		12	<2
27053	8	17	<1	--		15	<2
27054	7	14	<1	--		14	<2
27055	L.N.R.						
27056	13	10	<1	--		23	<2
27057	9	11	<1	--		17	<2
27058	7	11	<1	--		17	<2
27059	9	13	<1	--		15	<2
27060	L.N.R.						
27061	12	9	<1	--		16	3
27062	6	11	<1	--		11	<2
27063	16	13	<1	--		16	<2
27064	7	9	<1	--		13	<2
27065	9	9	<1	<1		10	<2
27066	6	7	<1	--		9	<2
27067	7	9	<1	--		9	<2
27068	11	15	<1	--		11	<2
27069	13	17	<1	--		37	<2
27070	5	6	<1	--		10	<2
27071	6	8	<1	--		9	<2
27072	10	10	<1	--		13	<2
27073	16	18	<1	--		19	2
27074	7	16	<1	--		18	<2
27075	14	11	<1	--		13	<2
27076	18	13	2	--		12	<2
27077	15	13	5	--		14	<2
27078	10	13	<1	--		17	<2
27079	12	10	<1	--		16	<2
UNITS	ppm	ppm	ppb	ppb		ppm	ppm
DET.LIM	2	2	1	1		4	2
SCHEME	AA1	AA1	AA9	AA9		XRF1	XRF1

Final

## ANALYTICAL REPORT

SAMPLE	Cu	Zn	Au	Au	Dp1	Pb	As
27080	16	10	<1		1	17	<2
27081	11	12	<1		--	13	<2
27082	11	9	1		--	16	<2
27083	4	9	1		--	5	10
27084	7	8	4		--	8	9
27085	4	9	<1		--	8	11
27086	4	9	1		--	8	6
27087	7	6	1		--	7	4
27088	17	11	10		10	17	25
27089	11	10	7		--	15	11
27090	6	9	5		--	11	3
27091	6	10	1		1	8	5
27092	5	9	6		--	<4	<2
27093	6	9	3		--	12	<2
27094	8	11	5		--	11	3
27095	6	9	<1		--	9	<2
27096	10	12	2		--	9	<2
27097	15	18	41		44	11	4
27098	12	14	<1		--	12	<2
27099	10	11	<1		--	8	2
27100	25	17	3		6	15	6
29001	10	6	6		--	49	12
29002	8	3	<1		--	8	<2
29003	9	15	<1		--	14	<2
29004	69	85	550		540	280	5550
29001A	15	9	3		5	18	6

UNITS	ppm	ppm	ppb	ppb	ppm	ppm
DET.LIM	2	2	1	1	4	2
SCHEME	AA1	AA1	AA9	AA9	XRF1	XRF1
UPPER SCHEME			AA7	AA7		



Final

ANALYTICAL REPORT

SAMPLE	Cu	Zn	Au	Au	Dp1	Pb	As
25001	8	34	<1	--	--	19	6
25002	13	35	<1	--	--	15	17
25003	23	33	1	--	--	16	18
25004	27	74	<1	--	--	26	3
25005	29	56	<1	--	--	22	15
25006	17	42	<1	--	--	18	15
25007	31	43	2	--	--	29	28
25008	38	44	2	--	--	35	28
25009	14	33	<1	--	--	19	24
25010	44	44	<1	--	--	31	63
25011	43	43	1	--	--	28	50
25012	23	34	3	--	--	24	77
25013	21	42	<1	--	--	17	56
25014	40	33	8	--	--	27	110
25015	24	29	5	--	--	33	53
25016	39	18	110	100	--	34	170
25017	28	24	<1	--	--	29	65
25018	24	27	15	23	100	110	110
25019	8	28	<1	--	--	29	64
25020	27	32	<1	--	--	33	72
25021	29	41	30	26	--	24	49
25022	26	25	2	--	--	21	76
25023	24	40	<1	--	--	34	38
25024	11	35	<1	--	--	20	31
25025	16	49	<1	--	--	29	50
25026	15	32	4	--	--	36	185
25027	10	22	4	--	--	20	240
25028	40	37	17	--	--	24	310
25029	7	15	6	--	--	20	72
25030	12	24	5	--	--	22	145
25031	16	24	7	--	--	19	175
25032	25	25	12	--	--	21	260
25033	20	24	12	--	--	27	330
25034	22	27	10	--	--	20	300
25035	22	19	13	--	--	26	310
25036	21	17	21	--	--	34	260
25037	16	18	41	36	--	29	330
25038	9	12	14	--	--	27	115
25039	9	16	35	32	--	31	290
25040	10	14	23	30	--	28	220
25041	16	14	31	25	--	30	150
25042	13	17	22	--	--	45	440
25043	9	19	5	--	--	25	180
25044	9	22	2	--	--	21	110
25045	7	18	<1	--	--	18	92
25046	5	20	3	--	--	23	87
25047	3	16	<1	--	--	17	48
25048	14	28	<1	--	--	31	54
25049	16	32	<1	--	--	19	55
25050	14	28	<1	--	--	26	43
UNITS	ppm	ppm	ppb	ppb	ppm	ppm	
DET.LIM	2	2	1	1	4	2	
SCHEME	AA1	AA1	AA9	AA9	XRF1	XRF1	
UPPER SCHEME			AA7	AA7			



Final

ANALYTICAL REPORT

SAMPLE	Cu	Zn	Au	Au	Dp1	Pb	As
25051	4	23	<1	--	--	17	40
25052	4	13	6	--	6	17	150
25053	9	16	7	--	--	19	185
25054	8	14	7	--	--	32	185
25055	4	14	5	--	--	14	92
25056	2	16	<1	--	--	22	57
25057	2	17	<1	--	--	23	95
25058	14	21	13	--	--	23	500
25059	5	12	6	--	--	21	210
25060	4	14	11	--	--	26	260
25061	19	20	3	--	--	20	290
25062	9	16	6	--	--	20	230
25063	14	19	5	--	--	22	220
25064	14	19	4	--	--	15	160
25065	11	16	<1	--	--	17	115
25066	19	22	<1	--	--	28	180
25067	29	20	14	--	--	33	190
25068	40	25	7	--	--	26	220
25069	30	21	11	--	16	28	230
25070	20	18	4	--	--	26	230
25071	21	25	5	--	--	27	80
25072	20	37	<1	--	--	16	49
25073	24	37	<1	--	--	14	31
25074	53	26	<1	--	--	16	59
25075	44	29	<1	--	--	7	96
25076	63	29	<1	--	--	14	94
25077	89	36	7	--	--	14	165
25078	92	37	9	--	7	13	150
25079	66	34	<1	--	--	8	115
25080	39	27	<1	--	--	13	80
25081	42	23	<1	--	--	4	105
25082	54	28	5	--	--	10	120
25083	46	22	<1	--	--	19	105
25084	42	23	3	--	--	19	105
25085	32	19	2	--	--	16	78
25086	40	18	<1	--	--	12	125
25087	15	17	<1	--	--	17	68
25088	15	16	<1	--	--	11	67
25089	22	18	<1	--	--	13	84
25090	31	19	<1	--	--	20	98
25091	25	20	3	--	--	23	89
25092	17	16	<1	--	--	15	66
25093	16	17	<1	--	--	13	70
25094	34	25	8	--	--	18	110
25095	14	17	<1	--	--	12	69
25096	21	19	<1	--	--	17	91
25097	31	23	9	--	--	19	125
25098	27	21	8	--	--	14	115
25099	22	26	6	--	--	10	110
25100	16	25	10	--	--	33	250
UNITS	ppm	ppm	ppb		ppb	ppm	ppm
DET. LIM	2	2	1		1	4	2
SCHEME	AA1	AA1	AA9		AA9	XRF1	XRF1



Final

ANALYTICAL REPORT

402019

SAMPLE	Cu	Zn	Au	Au	Dpl	Pb	As
25101	12	26	<1		2	25	180
25102	11	23	6		--	22	145
25103	11	22	<1		--	24	125
25104	10	21	14		--	17	130
25105	10	19	<1		--	16	145
25106	8	21	<1		--	16	92
25107	9	21	2		--	21	93
25108	11	24	<1		--	16	140
25109	12	19	2		--	20	165
25110	14	22	<1		--	11	200
25111	14	17	<1		--	17	220
25112	3	14	1		--	12	94
25113	5	11	<1		--	10	125
25114	7	17	<1		--	21	105
25115	3	12	<1		--	I.S.	I.S.
25116	7	16	<1		--	16	125
25117	10	15	<1		--	25	160
25118	8	13	4		--	23	150
25119	9	14	8		--	20	140
25120	11	16	10		12	24	140
25121	11	16	4		--	24	115
25122	12	18	<1		--	20	180
25123	38	36	6		--	120	460
25124	13	18	8		--	34	320
25125	19	16	6		--	76	390
25126	30	19	16		23	44	650
25127	24	15	16		14	46	330
25128	17	12	8		--	12	280
25129	16	14	2		--	24	320
25130	22	18	7		7	19	300
25131	11	11	6		--	18	250
25132	7	8	3		--	16	160
25133	9	9	2		--	15	170
25134	7	10	1		--	11	120
25135	12	11	6		--	23	140
25136	18	18	6		--	25	140
25137	6	12	<1		--	19	87
25138	10	11	<1		--	13	99
25139	15	20	6		--	21	125
25140	12	14	<1		--	15	150
25141	8	10	7		6	11	145
25142	9	10	5		--	11	175
25143	10	11	13		18	20	320
25144	12	11	5		--	20	300
25145	13	14	8		--	26	240
25146	10	12	3		--	18	140
25147	14	12	3		--	21	170
25148	18	12	9		--	24	190
25149	18	13	13		--	19	140
25150	11	13	<1		--	18	96
UNITS	ppm	ppm	ppb		ppb	ppm	ppm
DET.LIM	2	2	1		1	4	2
SCHEME	AA1	AA1	AA9		AA9	XRF1	XRF1



Job: 7AD1589  
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SAMPLE	Cu	Zn	Au	Au	Dp1	Pb	As
25151	4	11	<1	--		18	71
25152	9	15	<1	--		15	96
25153	16	23	19	12		22	250
25154	13	16	3	--		17	140
25155	9	14	<1	--		17	100
25156	15	22	<1	<1		25	115
25157	14	22	<1	--		25	135
25158	11	19	2	--		16	115
25159	6	18	2	--		9	90
25160	12	21	8	--		16	30
25161	14	27	5	7		17	93
25162	11	26	<1	--		16	120
25163	6	17	<1	--		13	46
25164	8	26	2	--		15	69
25165	10	24	4	--		15	51
25166	12	42	2	--		26	230
25167	19	28	6	--		26	96
25168	12	18	7	--		19	105
25169	8	17	6	--		18	82
25170	32	42	11	--		23	220
25171	24	30	13	--		23	380
25172	8	20	7	--		21	130
25173	14	30	12	--		25	165
25174	17	33	17	--		30	370
25175	28	27	12	--		29	390
25176	21	26	10	--		24	195
25177	16	24	3	--		18	135
25178	27	28	10	19		23	300
25179	32	27	51	39		25	185
25180	23	26	3	--		22	150
25181	23	31	<1	--		15	100
25182	21	29	<1	<1		21	105
25183	20	25	<1	--		19	76
25184	15	22	<1	--		19	60
25185	22	29	<1	--		15	65
25186	21	23	<1	--		13	62
25187	16	20	<1	--		21	62
25188	19	20	<1	--		14	85
25189	24	21	4	--		16	98
25190	20	22	<1	--		22	82
25191	22	22	<1	--		19	89
25192	14	21	6	--		17	110
25193	12	18	<1	--		22	55
25194	16	20	3	--		22	115
25195	22	27	8	--		19	280
25196	19	18	12	--		26	370
25197	14	19	6	--		20	320
25198	21	23	8	--		24	450
25199	21	23	2	--		27	370
25200	15	28	3	--		19	330
UNITS	ppm	ppm	ppb	ppb		ppm	ppm
DET.LIM	2	2	1	1		4	2
SCHEME	AA1	AA1	AA9	AA9		XRF1	XRF1



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ANALYTICAL REPORT

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SAMPLE	Cu	Zn	Au	Au	Dpl	Pb	As
25201	21	18	21		20	31	550
25202	13	17	2		--	15	340
25203	17	24	2		--	16	360
25204	20	25	1		--	13	400
25205	17	20	<1		--	15	390
25206	5	15	<1		--	13	240
25207	17	22	<1		--	18	500
25208	13	19	<1		<1	22	470
25209	6	12	2		--	16	350
25210	23	23	9		--	16	700
25211	12	18	<1		--	20	390
25212	18	30	7		--	23	500
25213	29	31	7		--	37	78
25214	20	15	27		23	32	230
25215	14	16	12		--	20	290
25216	34	20	3		--	14	71
25217	25	20	19		19	30	250
25218	8	18	6		--	18	155
25219	8	16	7		--	17	30
25220	20	28	6		--	20	150
25221	13	19	6		6	23	340
27001	11	19	<1		--	15	6
27002	8	15	<1		--	7	8
27003	15	15	<1		--	19	12
27004	16	13	<1		--	22	5
27005	21	17	1		--	24	7
27006	23	12	3		--	15	10
27007	18	18	5		--	16	8
27008	9	15	<1		--	15	4
27009	23	34	<1		--	22	15
27010	6	11	2		--	13	<2
27011	9	12	<1		--	17	<2
27012	24	16	1		--	11	6
27013	17	18	<1		<1	18	11
27014	6	16	<1		--	13	9
27015	10	19	2		--	15	14
27016	<2	17	<1		--	8	<2
27017	13	29	<1		--	14	13
27018	22	22	<1		--	15	9
27019	9	12	<1		--	19	<2
27020	6	15	<1		<1	22	<2
27021	20	12	2		--	31	<2
27022	11	14	5		--	16	3
27023	8	12	<1		--	15	2
27024	9	19	<1		--	20	<2
27025	<2	11	<1		--	10	2
27026	18	12	3		--	21	4
27027	11	13	3		--	25	<2
27028	8	18	<1		--	22	<2
27029	L.N.R.	L.N.R.	L.N.R.		L.N.R.	L.N.R.	L.N.R.
UNITS	ppm	ppm	ppb		ppb	ppm	ppm
DET.LIM	2	2	1		1	4	2
SCHEME	AA1	AA1	AA9		AA9	XRF1	XRF1



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ANALYTICAL REPORT

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SAMPLE	Cu	Zn	Au	Au	Dp1	As	Pb
25222	43	41	20		10	26	38
25223	34	44	10		--	28	31
25224	20	17	5		--	67	15
25225	42	29	10		--	94	28
25226	28	27	3		--	58	23
25227	19	24	<1		--	32	16
25228	23	32	12		--	47	21
25229	8	19	10		--	33	23
25230	10	31	<1		--	26	18
25231	24	42	6		--	45	15
25232	21	44	9		--	240	16
25233	18	32	2		--	79	16
25234	30	48	4		--	98	16
25235	35	66	2		--	37	20
25236	26	36	<1		--	18	24
25237	20	34	<1		--	110	34
25238	21	41	<1		--	50	24
25239	30	49	35		45	550	97
25240	18	27	<1		--	220	34
25241	26	29	16		--	450	38
25242	28	32	12		--	500	21
25243	31	43	10		--	420	29
25244	36	43	12		--	650	31
25245	12	26	<1		--	340	23
25246	9	22	2		--	250	12
25247	20	34	3		6	850	31
25248	22	29	17		--	220	22
25249	23	32	13		--	480	25
25250	23	31	8		--	155	25
25251	20	30	7		--	230	20
25252	19	23	3		--	110	18
25253	19	31	2		--	220	21
25254	18	33	24		--	98	18
25255	26	36	14		--	270	20
25256	17	27	10		--	300	17
25257	23	28	13		--	300	25
25258	14	31	8		--	290	22
25259	16	26	10		--	175	17
25260	24	34	10		--	170	19
25261	25	37	7		--	145	20
25262	23	32	5		--	145	15
25263	19	28	7		--	175	18
25264	24	29	19		--	200	16
25265	27	28	7		--	300	17
25266	23	23	3		--	240	16
25267	13	23	2		--	150	12
25268	15	28	7		--	210	16
25269	22	37	10		--	290	25
25270	23	43	12		--	440	35
25271	25	38	15		--	280	22
UNITS	ppm	ppm	ppb		ppb	ppm	ppm
DET.LIM	2	2	1		1	2	4
SCHEME	AA1	AA1	AA9		AA9	XRF1	XRF1



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ANALYTICAL REPORT

402023

SAMPLE	Cu	Zn	Au	Au	Dp1	As	Pb
25272	23	37	10	--	--	270	33
25273	24	38	7	10	--	220	23
25274	17	23	5	--	--	125	20
25275	15	22	15	--	--	150	17
25276	20	32	10	--	--	210	24
25277	21	33	10	--	--	150	41
25278	18	21	42	--	--	250	17
25279	33	40	12	--	--	95	39
25280	20	26	8	--	--	72	56
25281	29	32	2	--	--	91	32
25282	25	42	3	--	--	73	33
25283	19	37	15	--	--	45	32
25284	21	22	4	--	--	56	19
25285	25	28	2	--	--	63	19
25286	58	37	3	--	--	77	22
25287	35	24	<1	--	--	70	44
25288	49	24	<1	--	--	82	42
25289	35	25	4	--	--	68	33
25290	39	52	6	--	--	49	44
25291	22	16	2	--	--	42	54
25292	18	15	<1	--	--	18	40
25293	21	16	15	--	--	15	30
25294	16	14	9	--	--	20	24
25295	14	12	5	--	--	42	28
25296	18	13	<1	--	--	41	31
25297	11	18	<1	--	--	230	17
25298	12	17	<1	--	--	310	19
25299	16	13	9	5	--	170	25
25300	22	16	10	--	--	410	24
25301	20	17	10	--	--	340	32
25302	22	18	5	--	--	230	25
25303	24	30	<1	--	--	110	28
25304	25	27	60	76	--	180	36
25305	18	25	10	--	--	200	26
25306	23	32	7	--	--	280	40
25307	32	24	63	42	--	1200	49
25308	18	15	35	64	--	550	44
25309	16	21	44	32	--	390	31
25310	11	17	7	--	--	220	19
25311	12	23	7	--	--	390	21
25312	17	22	12	--	--	360	22
25313	24	26	44	25	--	370	30
25314	25	28	25	43	--	420	41
25315	26	33	23	38	--	430	38
25316	17	31	2	--	--	100	19
25317	16	38	<1	--	--	105	19
25318	24	24	14	--	--	330	29
25319	26	25	7	--	--	270	36
25320	16	20	3	--	--	105	14
25321	34	41	5	--	--	18	24
UNITS	ppm	ppm	ppb	ppb		ppm	ppm
DET. LIM	2	2	1	1		2	4
SCHEME	AA1	AA1	AA9	AA9		XRF1	XRF1



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ANALYTICAL REPORT

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SAMPLE	Cu	Zn	Au	Au	Dp1	As	Pb
25322	34	42	<1	--	--	17	31
25323	35	53	2	--	--	16	30
25324	14	28	<1	--	--	7	16
25325	30	24	3	10	--	33	39
25326	23	28	<1	--	--	24	27
25327	34	34	2	--	--	39	29
25328	22	22	2	--	--	105	25
25329	11	17	<1	--	--	17	14
25330	28	21	<1	--	--	91	41
25331	19	24	2	--	--	50	22
25332	25	28	5	--	--	61	19
25333	25	27	5	--	--	89	24
25334	28	31	5	--	--	105	21
25335	14	23	3	--	--	105	19
25336	16	25	4	--	--	125	14
25337	25	38	8	--	--	175	30
25338	29	21	30	29	--	360	32
25339	16	16	22	--	--	89	28
25340	29	22	35	--	--	450	81
25341	32	28	31	44	--	260	30
25342	23	28	<1	--	--	83	20
25343	20	27	39	29	--	340	34
25344	8	14	10	--	--	170	14
25345	17	33	2	--	--	260	41
25346	27	32	6	--	--	170	20
25347	28	28	9	--	--	78	53
25348	27	25	11	--	--	390	29
25349	16	23	4	--	--	105	20
25350	28	22	32	43	--	430	41
27101	9	16	<1	<1	--	28	15
27102	15	19	2	--	--	52	19
27103	6	19	5	--	--	33	10
27104	14	19	<1	--	--	12	11
27105	8	21	1	--	--	5	12
27106	6	18	<1	--	--	3	13
27107	10	23	<1	--	--	2	13
27108	11	15	<1	--	--	5	17
27109	6	8	<1	--	--	4	13
27110	11	13	2	--	--	<2	22
27111	6	12	<1	--	--	<2	16
27112	10	15	2	--	--	3	21
27113	11	12	<1	--	--	3	20
27114	11	9	<1	--	--	<2	20
27115	7	8	<1	--	--	2	17
27116	12	14	2	--	--	3	18
27117	17	13	1	--	--	2	25
27118	8	11	2	--	--	<2	14
27119	10	11	2	--	--	<2	18
27120	14	17	1	--	--	5	29
27121	12	12	10	--	--	4	19
UNITS	ppm	ppm	ppb	ppb	ppm	ppm	
DET. LIM	2	2	1	1	2	4	
SCHEME	AA1	AA1	AA9	AA9	XRF1	XRF1	



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ANALYTICAL REPORT

402025

SAMPLE	Cu	Zn	Au	Au	Dp1	As	Pb
27122	11	15	8	--	--	4	24
27123	20	16	20	--	--	3	30
27124	15	20	2	--	--	<2	28
27125	9	22	2	--	--	<2	24
27126	11	23	<1	--	--	<2	20
27127	6	15	<1	<1	--	6	12
27128	17	22	<1	--	--	5	29
27129	21	24	<1	--	--	6	32
27130	11	35	<1	--	--	8	24
27131	7	19	<1	--	--	4	13
27132	19	41	1	--	--	5	20
27133	17	21	6	--	--	6	18
27134	6	11	<1	--	--	<2	6
27135	8	18	22	--	--	3	11
27136	7	30	<1	--	--	2	9
27137	6	17	<1	--	--	<2	9
27138	11	19	4	--	--	5	18
27139	11	21	<1	--	--	<2	17
27140	7	6	<1	--	--	<2	15
27141	12	8	<1	--	--	<2	16
27142	8	6	2	--	--	<2	17
27143	7	13	<1	--	--	4	12
27144	9	12	<1	--	--	7	13
27145	11	20	<1	--	--	4	21
27146	13	9	2	--	--	<2	20
27147	6	7	<1	--	--	<2	19
27148	14	19	<1	--	--	<2	20
27149	10	18	6	--	--	2	17
27150	5	32	<1	--	--	2	10
27151	10	20	<1	--	--	<2	18
27152	20	27	<1	--	--	4	22
27153	10	20	<1	<1	--	<2	25
27154	10	16	<1	--	--	<2	22
27155	8	18	<1	--	--	3	19
27156	6	10	<1	--	--	3	17
27157	9	15	<1	--	--	5	22
27158	9	11	<1	--	--	4	33
27159	12	17	<1	--	--	17	17
27181	7	11	<1	--	--	<2	7
27182	6	11	<1	--	--	<2	17
27183	9	10	2	--	--	5	12
27184	8	9	<1	--	--	<2	14
27185	11	12	<1	--	--	<2	15
27186	13	10	<1	--	--	3	20
27187	18	14	<1	--	--	4	18
27188	17	14	<1	--	--	4	<4
27189	21	21	1	--	--	6	22
27190	28	34	8	--	--	3	21
27191	18	20	<1	--	--	4	12
27192	18	20	<1	--	--	5	16
UNITS	ppm	ppm	ppb	ppb		ppm	ppm
DET.LIM	2	2	1	1		2	4
SCHEME	AA1	AA1	AA9	AA9		XRF1	XRF1



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ANALYTICAL REPORT

SAMPLE	Cu	Zn	Au	Au	Dp1	As	Pb
27193	46	46	2	--	--	11	35
27194	16	31	2	--	--	4	17
27195	13	18	2	--	--	<2	19
27196	20	21	<1	--	--	<2	18
27197	12	15	<1	--	--	5	18
27198	21	11	<1	--	--	5	19
27199	13	16	<1	--	--	3	17
27200	13	13	<1	<1	--	6	12
27201	17	12	<1	--	--	9	13
27202	36	12	2	--	--	15	19
27203	16	8	<1	--	--	8	12
27204	27	36	<1	--	--	8	24
27205	15	9	<1	--	--	10	17
27206	26	15	<1	--	--	12	19
27207	22	21	<1	--	--	9	26
27208	13	11	<1	--	--	7	22
27209	20	32	<1	--	--	14	20
27212	21	22	3	--	--	3	21
27213	16	13	<1	--	--	<2	23
27214	31	27	<1	--	--	4	20
27215	13	23	<1	--	--	<2	19
27216	9	15	<1	--	--	<2	14
27217	36	35	<1	--	--	4	26
27218	39	34	<1	--	--	4	23
27219	23	30	<1	--	--	<2	21
27220	24	22	<1	--	--	<2	14
27222	26	23	<1	--	--	2	20
27223	22	20	<1	--	--	<2	17
27224	26	28	<1	--	--	3	22
27225	14	13	<1	--	--	3	11
27226	18	15	<1	--	--	3	16
27227	23	14	<1	--	--	4	19
27228	19	16	<1	--	--	4	14
27229	17	15	<1	<1	--	5	15
27230	34	32	<1	--	--	2	20
27231	15	8	<1	--	--	9	12
27232	23	16	<1	--	--	7	20
27234	16	20	<1	--	--	7	11
27235	20	15	2	--	--	14	16
27236	19	13	1	--	--	12	13
27237	28	19	7	--	--	7	14
27238	38	25	10	--	--	7	14
27239	17	17	1	--	--	5	13
27240	53	32	2	--	--	16	24
27241	20	22	<1	--	--	7	15
27242	58	69	5	--	--	11	31
27243	37	52	3	--	--	25	22
27244	24	22	2	--	--	20	20
27245	12	11	<1	--	--	13	6
27246	13	12	<1	--	--	11	12
UNITS	ppm	ppm	ppb	ppb		ppm	ppm
DET. LIM	2	2	1	1		2	4
SCHEME	AA1	AA1	AA9	AA9		XRF1	XRF1



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ANALYTICAL REPORT

SAMPLE	Cu	Zn	Au	Au	Dp1	As	Pb
27247	14	22	<1	--	--	10	15
27248	20	15	<1	--	--	9	17
27249	31	40	8	--	--	16	20
27250	25	29	170	69	--	16	19
27251	15	19	<1	--	--	5	13
27252	9	15	<1	--	--	4	11
27253	13	20	<1	--	--	8	10
27254	19	32	<1	--	--	4	19
27255	12	24	<1	--	--	4	8
27256	7	15	<1	2	--	3	5
27257	10	19	<1	--	--	6	9
27260	25	35	<1	--	--	3	16
27261	16	28	3	--	--	<2	18
27262	22	38	<1	--	--	<2	19
27263	14	27	<1	--	--	3	8
27264	7	24	<1	--	--	<2	11
27265	15	30	1	--	--	<2	19
27266	19	31	5	--	--	6	18
27267	9	17	140	180	--	4	7
27268	6	15	15	--	--	<2	8
27269	14	28	1	--	--	5	11
27270	7	23	<1	--	--	2	8
27271	7	18	2	--	--	2	10
27272	7	19	5	--	--	3	8
27273	18	24	<1	--	--	2	13
27274	7	17	2	--	--	<2	10
27275	16	42	1	--	--	2	14
27276	31	47	<1	--	--	5	23
27277	68	56	3	--	--	9	28
27278	44	55	4	--	--	7	29
27279	26	34	<1	--	--	5	21
27280	35	44	5	--	--	3	24
27281	29	40	91	170	--	7	22
27282	17	34	<1	--	--	6	13
27283	15	28	<1	--	--	5	12
27284	19	33	<1	<1	--	<2	20
27285	23	46	4	--	--	6	13
27286	8	18	2	--	--	<2	12
27287	27	42	6	--	--	5	15
27288	19	34	4	--	--	4	17
27289	23	37	3	--	--	<2	18
27290	20	43	3	--	--	2	19
27291	10	17	5	--	--	<2	14
27292	25	51	6	4	--	5	18

UNITS	ppm	ppm	ppb	ppb	ppm	ppm
DET. LIM	2	2	1	1	2	4
SCHEME	AA1	AA1	AA9	AA9	XRF1	XRF1
UPPER SCHEME			AA7	AA7		


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SAMPLE	Cu	Zn	Au	Au Dp1	Pb	As
ML01	125	72	14	18	270	2150
ML02	2	<2	3	--	6	2
ML03	25	20	3	--	15	19
ML04	11	7	6	--	5	165
ML05	26	15	9	--	8	300
ML06	21	14	220	210	44	19
ML07	36	31	7	--	37	240
ML08	11	6	11540	10700	<4	19
ML09	<2	4	<1	1	<4	32
ML09A	51	49	35	--	51	180
ML10	53	63	<1	--	51	155
ML11	4	<2	4	--	6	3
ML12	<2	<2	11	--	<4	10
ML13	15	45	4	5	25	8
ML14	47	10	10	--	11	38
ML15	56	19	20	19	17	60
ML16	14	7	8	--	34	45
ML17	64	22	24	26	50	490
ML18	14	11	7	--	4	4
ML19	30	24	6	--	24	7
ML20	7	7	3	2	8	5
ML21	21	105	8	--	39	12
ML22	11	13	3	--	21	7
ML23	230	38	9	--	61	360
ML24	88	195	6	--	17	9
ML25	44	30	5	--	44	135
ML26	33	17	3	--	22	150
ML27	16	4	3	--	<4	100
ML28	74	59	3	--	19	10
ML29	88	38	3	--	25	23
ML30	14	23	5	--	16	20
ML31	8	4	4	--	130	37
ML32	80	54	2	--	42	130
ML33	25	5	8	--	47	58
ML34	<2	3	3	--	6	18
ML35	48	99	9	--	49	79
ML36	16	9	46	49	16	6
ML37	37	50	<1	--	37	3
ML38	47	48	6	--	24	12
ML39	50	230	6	--	56	18
ML40	14	13	4	4	11	10
ML41	3	5	<1	--	11	165
ML42	8	13	11	--	8	700
ML43	36	39	<1	--	29	4
ML44	<2	<2	1	--	<4	7
ML45	28	5	1	--	41	120
ML46	29	5	8	--	26	64
ML47	27	11	1	--	31	8
ML48	18	31	3	--	7	14
ML49	7	8	2	--	11	4
UNITS	ppm	ppm	ppb	ppb	ppm	ppm
DET. LIM	2	2	1	1	4	2
SCHEME	AA1	AA1	AA9	AA9	XRF1	XRF1
UPPER SCHEME			AA7	AA7		


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SAMPLE	Cu	Zn	Au	Au	Dpl	Pb	As
ML50	<2	<2	1	--	--	<4	5
ML51	35	39	5	--	--	17	13
ML52	57	105	3	--	--	17	93
ML53	13	72	<1	--	--	7	21
ML54	36	130	2	--	--	4	82
ML55	34	105	<1	--	--	19	105
ML56	34	51	3	--	--	31	130
ML57	3	3	<1	--	--	<4	2
ML58	28	39	<1	--	--	20	9
ML59	24	33	<1	--	--	28	7
ML60	19	31	1	2	--	24	21
ML61	23	35	2	--	--	6	2
ML62	<2	<2	170	190	--	14	2500
ML63	23	6	440	410	--	1050	2.27*
ML64	33	19	12	--	--	29	18
ML65	3	<2	3	--	--	<4	34
ML66	31	175	4	--	--	14	1000
ML67	14	5	<1	--	--	<4	5
ML68	<2	<2	<1	--	--	4	6
ML69	4	18	<1	--	--	I.S.	I.S.
ML70	30	28	1	--	--	9	8
ML71	34	2	510	510	--	<4	8

UNITS	ppm	ppm	ppb	ppb	ppm	ppm
DET.LIM	2	2	1	1	4	2
SCHEME	AA1	AA1	AA9	AA9	XRF1	XRF1
UPPER SCHEME			AA7	AA7		XRF2



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402030

SAMPLE	Cu	Zn	Au	Au	Dp1	As	Pb
25351	24	26	4		2	6	28
25352	17	19	<1		--	5	26
25353	14	15	<1		--	6	23
25354	11	13	<1		--	5	22
25355	23	25	2		--	7	28
25356	23	22	<1		--	7	26
25357	20	24	2		--	7	28
25358	13	25	<1		--	4	24
25359	11	22	28		21	5	21
25360	13	21	<1		--	5	21
25361	21	28	<1		--	4	26
25362	16	27	<1		--	4	22
25363	16	30	<1		--	<2	23
25364	20	29	<1		--	<2	31
25365	16	24	<1		--	3	16
25366	16	22	<1		--	<2	26
25367	16	22	<1		--	<2	23
25368	21	20	<1		--	<2	34
25369	19	21	<1		--	<2	31
25370	19	23	6		--	5	25
25371	18	20	<1		1	<2	28
25372	21	22	<1		--	2	32
25373	16	17	2		--	<2	23
25374	7	13	17		--	<2	21
25375	6	18	<1		--	<2	20
25376	8	18	3		--	<2	24
25377	7	18	19		--	5	25
25378	5	24	19		25	<2	16
25379	9	27	13		--	<2	20
25380	9	23	<1		--	<2	23
25383	17	24	5		--	12	29
25384	19	26	<1		--	25	25
25385	12	25	6		--	18	25
25386	L.N.R.						
25387	9	15	13		--	14	18
25388	16	22	9		--	25	22
25389	25	31	8		--	25	27
25390	25	27	450		390	25	29
25391	24	34	10		--	20	26
25392	21	27	7		--	17	27
25393	18	27	<1		3	19	25
25394	18	22	2		--	22	20
25395	17	21	4		--	21	19
25396	17	20	5		--	22	19
25397	21	26	10		--	68	27
25398	24	30	8		--	17	25
25399	20	26	2		--	23	30
25400	21	26	3		--	24	27
25401	19	24	2		--	17	24
25402	18	22	26		13	19	29
UNITS	ppm	ppm	ppb		ppb	ppm	ppm
DET. LIM	2	2	1		1	2	4
SCHEME	AA1	AA1	AA9		AA9	XRF1	XRF1
UPPER SCHEME			AA7		AA7		


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SAMPLE	Cu	Zn	Au	Au	Dp1	As	Pb
25403	17	24	11	--	--	310	24
25404	25	56	6	--	--	130	27
25405	23	24	7	--	--	73	37
25406	28	61	<1	--	--	17	31
25407	23	28	5	--	--	240	27
25408	10	17	3	--	--	190	29
25409	15	25	16	--	--	430	130
25410	16	31	6	--	--	155	41
25411	14	26	20	--	--	38	20
25412	10	12	5	--	--	78	27
25413	4	3	<1	<1	--	120	10
25414	5	3	<1	--	--	47	14
25415	45	5	440	480	--	210	15
25416	9	7	8	--	--	55	21
25417	5	3	<1	--	--	115	13
25418	19	5	33	58	--	115	38
25419	17	25	19	29	--	29	24
25420	9	19	18	--	--	16	9
25421	14	18	10	--	--	18	15
25422	27	56	1	--	--	26	18
25423	13	18	<1	--	--	13	8
25424	10	13	<1	--	--	9	13
25425	18	31	7	--	--	12	20
25425	17	40	<1	--	--	9	23
25427	26	58	<1	--	--	14	25
25428	19	34	<1	--	--	12	23
25429	12	50	12	--	--	105	12
25430	15	33	53	33	--	5	18
25431	18	52	7	--	--	6	24
25432	16	48	10	--	--	2	22
25433	14	24	5	5	--	3	22
25434	9	19	36	67	--	4	15
25435	11	34	<1	--	--	3	15
25436	20	44	<1	--	--	5	28
25437	19	30	<1	--	--	<2	30
25438	27	36	140	110	--	5	29
25439	13	25	3	4	--	5	20
25440	13	25	4	--	--	5	24
25441	14	23	<1	--	--	3	23
25442	15	79	<1	--	--	<2	30
25443	17	62	<1	--	--	<2	24
25444	48	62	<1	--	--	<2	17
25445	23	37	<1	--	--	8	40
25446	19	27	2	--	--	10	32
25447	19	33	1	--	--	5	33
25448	44	68	<1	--	--	<2	32
25449	31	51	<1	--	--	3	25
25450	40	51	<1	--	--	<2	56
25451	44	54	<1	--	--	<2	49
25452	40	56	3	--	--	3	32
UNITS	ppm	ppm	ppb	ppb		ppm	ppm
DET. LIM	2	2	1	1		2	4
SCHEME	AA1	AA1	AA9	AA9		XRF1	XRF1
UPPER SCHEME			AA7	AA7			



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402032

SAMPLE	Cu	Zn	Au	Au	Dpl	As	Pb
25453	28	36	<1		1	3	29
25454	48	87	3		--	<2	49
25455	56	53	3		--	<2	36
25456	43	22	3		--	12	26
25457	42	30	4		--	4	31
25458	54	30	2		--	<2	30
25459	55	24	3		--	3	36
25460	55	48	<1		--	<2	65
25461	35	28	<1		--	<2	39
25462	61	40	1		--	2	39
25463	31	26	<1		--	<2	36
25464	27	35	<1		--	<2	29
25465	59	52	<1		--	<2	35
25466	67	31	<1		--	<2	32
25467	99	68	<1		--	<2	35
25468	74	32	2		--	<2	84
25469	53	22	2		--	<2	39
25470	33	35	<1		--	<2	23
25471	27	31	<1		--	<2	25
25472	32	51	<1		--	<2	27
25473	30	56	<1	<1		<2	27
25474	26	25	<1		--	<2	29
25475	46	45	2		--	<2	28
25476	43	25	13		--	<2	28
25477	31	20	2		--	3	27
25478	21	18	<1		--	5	27
25479	54	44	2		--	2	37
25480	43	19	7		--	12	33
25481	38	21	1		--	2	53
25482	29	20	4		--	7	52
25483	30	16	<1		--	<2	28
25484	24	22	<1		--	<2	30
25485	30	25	5		--	3	24
25486	39	16	2		--	<2	27
25487	14	22	<1		--	<2	39
25488	20	15	<1		--	<2	29
25489	16	22	120	100		18	22
25490	16	25	19	20		23	23
25491	13	22	50	48		17	22
25492	11	18	14		--	12	19
25493	16	19	13	17		13	24
25494	7	13	13		--	7	13
25495	19	18	21		--	14	25
25496	20	17	16		--	14	20
25497	28	18	35		--	9	25
25498	22	25	7		--	3	31
25500	18	26	9		--	<2	22
25501	18	12	9		--	<2	31
25502	49	14	16		--	<2	32
25503	39	17	9		--	4	30

UNITS	ppm	ppm	ppb	ppb	ppm	ppm
DET. LIM	2	2	1	1	2	4
SCHEME	AA1	AA1	AA9	AA9	XRF1	XRF1
UPPER SCHEME			AA7			



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SAMPLE	Cu	Zn	Au	Au	Dpl	As	Pb
25504	54	24	7	--	--	3	27
25505	22	19	22	--	19	<2	24
25506	27	22	7	--	--	<2	27
25507	25	24	8	--	--	<2	29
25508	24	24	12	--	--	<2	32
25509	25	26	14	--	--	<2	28
25510	23	23	14	--	--	<2	31
25511	14	19	7	--	--	<2	24
25512	26	23	9	--	--	<2	29
25513	22	24	7	--	--	<2	36
25514	16	22	8	--	8	<2	25
25515	33	27	17	--	--	<2	27
25516	29	29	16	--	--	<2	29
25517	21	25	17	--	--	7	20
25518	14	21	8	--	--	5	18
25519	16	19	3	--	--	<2	22
25523	20	23	2	--	--	3	28
25524	30	17	2	--	--	<2	37
25525	42	21	5	--	--	<2	45
25526	25	16	2	--	--	<2	36
25527	15	10	4	--	--	<2	25
25528	21	21	3	--	--	5	29
25529	18	21	1	--	--	5	23
25530	25	18	2	--	--	<2	39
25531	15	16	3	--	--	<2	36
25532	24	16	1	--	--	<2	47
25533	15	17	<1	--	--	<2	33
25534	21	19	3	--	--	<2	38
25535	11	17	3	--	--	<2	27
25536	12	10	3	--	--	<2	48
25537	14	13	2	--	2	<2	33
25538	13	10	3	--	--	<2	37
25539	19	17	2	--	--	<2	34
25540	17	18	1	--	--	<2	77
25541	23	11	<1	--	--	<2	27
25542	23	14	1	--	--	<2	27
25543	19	12	<1	--	--	<2	30
25544	20	17	1	--	--	<2	31
25545	37	10	4	--	--	<2	30
25546	27	12	5	--	--	7	100
25547	46	17	4	--	--	<2	52
25548	22	21	1	--	--	<2	36
25549	21	10	4	--	--	<2	57
25550	14	13	2	--	--	<2	24
25551	11	12	<1	--	--	<2	22
25552	13	19	1	--	--	6	24
25553	11	11	3	--	--	2	18
25554	24	12	5	--	--	21	53
25555	20	7	3	--	--	13	23
25556	28	20	2	--	--	7	24
UNITS	ppm	ppm	ppb	ppb		ppm	ppm
DET. LIM	2	2	1	1		2	4
SCHEME	AA1	AA1	AA9	AA9		XRF1	XRF1

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## ANALYTICAL REPORT

SAMPLE	Cu	Zn	Au	Au	Dpl	As	Pb
25557	28	38	2	<1		9	36
25558	12	18	<1	--		5	23
25559	7	15	2	--		5	26
25560	14	24	2	--		5	30
25564	30	40	2	--		7	31
25565	34	32	4	--		6	36
25566	41	54	5	--		3	33
25567	17	46	<1	--		<2	32
25568	36	30	3	--		<2	33
25569	17	29	<1	--		4	17
25570	15	46	<1	--		<2	20
25571	22	31	1	--		2	39
25572	9	10	<1	--		<2	35
25573	15	19	17	--		<2	49
25574	29	16	3	--		<2	32
25575	35	13	2	--		<2	27
25576	21	30	<1	--		<2	29
25577	24	38	<1	--		4	25
25578	20	18	<1	--		<2	30
25579	26	14	<1	--		<2	32
25580	26	20	1	2		<2	28
25581	21	15	1	--		3	27
25582	20	19	<1	--		4	38
25583	22	28	<1	--		10	36
25584	35	17	<1	--		<2	38
25585	35	48	<1	--		<2	51
25586	26	45	<1	--		<2	50
25587	21	27	<1	--		<2	33
25588	23	12	<1	--		<2	27
25589	19	13	<1	--		<2	28
25590	24	18	3	--		2	30
25591	15	23	<1	--		4	21
25592	19	23	<1	--		<2	31
25593	29	24	3	--		<2	27
25594	24	46	<1	--		<2	25
25595	31	36	4	--		<2	31
25596	21	20	2	--		<2	22
25597	30	49	15	--		<2	27
25598	42	33	1	--		<2	31
25599	56	41	2	--		<2	23
25600	42	27	3	3		<2	32
25601	47	43	3	--		<2	31
25602	25	26	4	--		<2	38
25603	32	12	5	--		3	26
25604	53	41	5	--		5	23
25605	34	22	11	--		<2	24
25606	36	62	4	--		<2	19
25607	36	56	9	--		<2	28
25608	49	33	15	--		3	24
25609	18	16	17	14		3	27
UNITS	ppm	ppm	ppb	ppb		ppm	ppm
DET. LIM	2	2	1	1		2	4
SCHEME	AA1	AA1	AA9	AA9		XRF1	XRF1

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402035

SAMPLE	Cu	Zn	Au	Au Dpl	As	Pb
25610	20	26	3	--	<2	27
25611	17	23	5	--	<2	28
25612	23	21	4	--	<2	29
25613	550	21	27	--	<2	22
25614	115	32	5	--	<2	24
25615	40	26	11	--	4	24
25616	110	14	65	99	15	18
25617	43	15	9	--	7	48
25618	20	14	10	--	2	20
25619	24	30	10	--	<2	91
25620	22	60	4	3	<2	26
25621	20	15	5	--	<2	26
25622	23	23	10	--	<2	37
25623	28	19	5	--	3	34
25624	27	20	15	10	4	31
25625	19	20	7	--	3	28
25626	14	25	2	--	<2	17
25627	9	31	1	--	<2	20
25628	20	35	6	--	22	32
25629	11	15	15	26	20	9
25630	10	23	<1	--	6	24
25631	56	59	2	--	<2	58
25632	42	16	8	--	9	32
25633	19	26	10	--	4	21
25634	18	28	3	--	10	69
25635	15	28	9	--	4	30
25636	23	25	2	--	<2	36
25637	37	26	5	--	8	31
25638	19	56	4	--	<2	30
27293	63	55	6	--	8	47
27294	36	44	2	--	13	34
27295	42	47	2	--	7	35
27296	56	51	3	--	9	30
27297	67	61	8	--	11	51
27298	46	72	3	--	<2	33
29005	76	91	<1	--	25	29
29006	91	120	3	--	26	25
29007	75	140	<1	--	28	18
29008	41	88	<1	--	17	21
29009	6	8	<1	--	12	21
29010	4	8	<1	--	4	16

*Rock  
chip*

UNITS	ppm	ppm	ppb	ppb	ppm	ppm
DET.LIM	2	2	1	1	2	4
SCHEME	AA1	AA1	AA9	AA9	XRF1	XRF1

402036

**APPENDIX 2**

**Auger Sample Logs Soil Sample Logs**



MACMIN N.L. AUGER SAMPLE LOG						
PROJECT NAME		LISLE		PROSPECT PANAMA		
NORTHING		40900				
DATE				SAMPLERS T.G. D.M. D.P.		
SAMPLE NUMBER	EASTING	DEPTH CM		COMMENTS		
		A	B	HOLE A		HOLE B
25026	24150	40	40	O/CROP SCREE MB	O/CROP SCREE MB	
25027	24140	40	60	SCREE MB	SCREE GRY CLAY MB	
25028	24130	60	50	RD OR CLAY SCREE MB	RD BR CLAY MB	
25029	24120	50	100	PK GRY CLAY SCREE	OR BR CLAY	
25030	24110	90	100	OR CLAY	←	
25031	24100	90	100	OR BR CLAY	OR BR CLAY BROCK MB	
25032	24090	100	100	OR BR CLAY BROCK MB	OR CLAY BROCK MB	
25033	24080	100	85	OR CLAY BROCK MB	OR PK BROCK SANDSTONE	
25034	24070	80	90	PK BR CLAY	←	
25035	24060	100	100	OR BR CLAY	OR CLAY TLE BROCK	
25036	24050	100	100	OR CLAY	" " " "	
25037	24040	90	100	PK OR CLAY TLE BROCK	←	
25038	24030	90	90	DK PK CLAY	LT PK BROCK MB*	
25039	24020	85	100	PK OR SCREE?	LT OR PK BROCK MB	
25040	24010	90	100	LT PK BROCK MB	LT OR PK BROCK MB	
25041	24000	95	80	LT OR PK BROCK MB	LT OR BROCK MB	
25042	23990	160	110	DK OR YL BROCK MB	←	
25043	23980	170	100	YL CLAY	DK OR RD CLAY (ALLUVIAL?)	
25044	23970	100	110	OR BROCK? SCREE?	OR BROCK (SCREE?)	
25045	23960	100	100	YL OR CLAY	YL OR CLAY (VALLEY FILL? VF)	
25046	23950	100	100	MOT YL/OR CLAY VF?	← VF	
25047	23940	100	100	" " " " VF?	← VF	
25048	23930	100	100	" " " " VF	← VF	
25049	23920	110	90	" " " " VF	← VF	
25050	23910	110	100	" " " " VF	← VF	
25051	23900	90	110	MOT OR/YL CLAY VF	MOT OR/YL/GRY (SUBANG MB) VF	
25052	23890	90	100	MOT OR/YL (SUBANG MB) VF	MOT RD/OR (" ") VF	
25053	23880	100	100	" " " " VF	← VF	
25054	23870	100	110	" " " " VF	← VF	
25055	23860	105	110	" " " " VF	← VF	
25056	23850	100	90	" " " " VF	← VF	
25057	23840	100	110	" " " " VF	← VF	
25058	23830	80	110	MOT LT YL/OR VF	← VF	
25059	23820	110	110	DK RD OR CLAY ?	YL OR CLAY MB FRAG VF?	
25060	23810	110	110	YL OR CLAY YL FRAG ?	← ?	
25061	23800	110	110	RD OR CLAY VF	YL OR CLAY VF	
25062	23790	110	105	MOT OR CLAY	MOT YL/OR/RD CLAY	
25063	23780	110	110	MOT YL/OR/RD CLAY FRAG MB	← FRAG MB VF?	
25064	23770	110	110	" " " " " "	←	
25065	23760	110	80	" " " " " "	MOT RD/YL GR	

MACMIN N.L.		AUGER SAMPLE LOG			
PROJECT NAME		LISLE		PROSPECT PANAMA	
NORTHING		40900			
DATE				SAMPLERS T.G. D.M. D.P.	
SAMPLE NUMBER	EASTING	DEPTH CM		COMMENTS	
		A	B	HOLE A	HOLE B
25026	24150	40	40	O/CROP SCREE MB	O/CROP SCREE MB
25027	24140	40	60	SCREE MB	SCREE GRY CLAY MB
25028	24130	60	50	RD OR CLAY SCREE MB	RD BR CLAY MB
25029	24120	50	100	PK GRY CLAY SCREE	OR BR CLAY
25030	24110	90	100	OR CLAY	←
25031	24100	90	100	OR BR CLAY	OR BR CLAY BROCK MB
25032	24090	100	100	OR BR CLAY BROCK MB	OR CLAY BROCK MB
25033	24080	100	85	OR CLAY BROCK MB	OR PK BROCK SANDSTONE
25034	24070	80	90	PK BR CLAY	←
25035	24060	100	100	OR BR CLAY	OR CLAY TLE BROCK
25036	24050	100	100	OR CLAY	" " " "
25037	24040	90	100	PK OR CLAY TLE BROCK	←
25038	24030	90	90	DK PK CLAY	LT PK BROCK MB*
25039	24020	85	100	PK OR SCREE?	LT OR PK BROCK MB
25040	24010	90	100	LT PK BROCK MB	LT OR PK BROCK MB
25041	24000	95	80	LT OR PK BROCK MB	LT OR BROCK MB
25042	23990	160	110	DK OR YL BROCK MB	←
25043	23980	170	100	YL CLAY	DK OR RD CLAY (ALLUVIAL?)
25044	23970	100	110	OR BROCK? SCREE?	OR BROCK (SCREE?)
25045	23960	100	100	YL OR CLAY	YL OR CLAY (VALLEY FILL? VF)
25046	23950	100	100	MOT YL/OR CLAY VF?	← VF
25047	23940	100	100	" " " " VF?	← VF
25048	23930	100	100	" " " " VF	← VF
25049	23920	110	90	" " " " VF	← VF
25050	23910	110	100	" " " " VF	← VF
25051	23900	90	110	MOT OR/YL CLAY VF	MOT OR/YL/GRY (SUBANG MB) VF
25052	23890	90	100	MOT OR/YL (SUBANG MB) VF	MOT RD/OR ( " ") VF
25053	23880	100	100	" " " " VF	← VF
25054	23870	100	110	" " " " VF	← VF
25055	23860	105	110	" " " " VF	← VF
25056	23850	100	90	" " " " VF	← VF
25057	23840	100	110	" " " " VF	← VF
25058	23830	80	110	MOT LT YL/OR VF	← VF
25059	23820	110	110	DK RD OR CLAY ?	YL OR CLAY MB FRAG VF?
25060	23810	110	110	YL OR CLAY YL FRAG ?	← ?
25061	23800	110	110	RD OR CLAY VF	YL OR CLAY VF
25062	23790	110	105	MOT OR CLAY	MOT YL/OR/RD CLAY
25063	23780	110	110	MOT YL/OR/RD CLAY FRAG MB	← FRAG MB VF?
25064	23770	110	110	" " " " " "	←
25065	23760	110	80	" " " " " "	MOT RD/YL GR



MACMIN N.L. AUGER SAMPLE LOG					
PROJECT NAME		LISLE		PROSPECT PANAMA	
NORTHING		5441200 m N			
DATE				SAMPLERS T.G. D.M. D.P.	
SAMPLE NUMBER	EASTING	DEPTH		COMMENTS	
		A	B	HOLE A	HOLE B
25072	523540	60	80	SILICIFIED MB O/C	TOP OF HILL SCREE MB
25073	23550	60	60	MOT WHITE/YL CLAY	PINK GRY CLAY MB SCREE
25074	23560	70	90	PINK GREY CLAY SCREE MB	← HAND TRENCH
25075	23570	90	90	OR CLAY	PINK GRY CLAY
25076	23580	80	80	MOT OR/YL CLAY	←
25077	23590	85	90	DK OR CLAY	←
25078	23600	100	85	DK BR OR CLAY	←
25079	23610	90	100	DK OR CLAY	MOT YL/OR CLAY
25080	23620	90	100	DK MOT YL/OR CLAY	←
25081	23630	100	110	" " " "	←
25082	23640	120	115	" " " "	←
25083	23650	140	120	MOT DK OR/RD CLAY	←
25084	23660	80	110	" " " "	←
25085	23670	100	120	" " " "	←
25086	23680	110	100	DK BR OR CLAY	←
25087	23690	120	110	MOT OR/YL CLAY	MOT OR/RD CLAY
25088	23700	120	100	MOT OR/RD CLAY	YL OR CLAY SMALL FRAG
25089	23710	100	110	OR BR CLAY	OR YL CLAY
25090	23720	120	110	OR BR GRY CLAY	OR YL BR CLAY
25091	23730	100	110	DK BR OR CLAY	OR YL CLAY
25092	23740	110	110	BR OR CLAY	BR OR YL CLAY
25093	23750	110	110	OR BR CLAY	←
25094	23760	90	100	" " " (FRAG)	←
25095	23770	100	90	YL OR CLAY TLE FRAG	OR CLAY TLE FRAG
25096	23780	100	100	MOT YL/OR CLAY	MOT YL/OR CLAY TLE GRIT?
25097	23790	100	100	MOT YL/OR CLAY	←
25098	23800	100	90	MOT OR/BR CLAY	←
25099	23810	100	100	" " " "	YL OR CLAY
25100	23900	100	100	MOT YL/OR VALLEY FILL	←
25101	23910	100	100	" " " "	←
25102	23920	100	100	" " " "	←
25103	23930	100	100	" " " "	←
25104	23940	100	100	" " " "	←
25105	23950	100	100	" " " "	←
25106	23960	100	100	" " " "	←
25107	23970	100	100	" " " "	←
25108	23980	100	100	" " " "	←
25109	23990	100	100	" " " "	←
25110	24000	100	100	" " " "	←
25111	24010	100	100	" " " "	←

MACMIN N.L.		AUGER SAMPLE LOG			
PROJECT NAME		LISLE		PROSPECT PANAMA	
NORTHING		41200			
DATE				SAMPLERS T.G. D.M. D.P.	
SAMPLE NUMBER	EASTING	DEPTH		COMMENTS	
		A	B	HOLE A	HOLE B
25112	24020	100	100	MOT YL OR VALLEY FILL	←
25113	24030	100	100	" "	←
25114	24040	100	100	" "	←
25115	24050	100	100	" "	←
25116	24060	100	100	DK BR OR TALUS/CLAY	←
25117	24070	100	100	" "	←
25118	24080	100	100	" "	←
25119	24090	100	100	" "	←
25120	24100	100	100	" "	←
25121	24110	100	100	MOT LT BRD/YL CLAY	←
25122	24120	100	100	LT PK OR CLAY	MOT YL OR CLAY
25123	24130	100	100	" "	MOT YL/PK OR CLAY
25124	24140	100	100	YL OR CLAY MB	YL OR BROCK MB
25125	24150	100	100	DUSKY YL OR CLAY MB	PALE YL OR BROCK MB
25126	24160	100	100	LT OR YL BROCK MB	← MB
25127	24170	100	70	PK OR BROCK MB	← MB
25128	24180	100	100	PALE OR YL BROCK MB	YL OR WEATHERED BROCK MB
25129	24190	100	100	DK YL OR BROCK MB	YL " " " MB
25130	24200	100	100	YL OR WEATHERED MB	←
25131	24210	100	100	YL OR CLAY	DK YL OR CLAY TALUS
25132	24220	100	70	YL OR TALUS?	←
25133	24230	90	90	PALE RD OR CLAY TALUS?	PALE RD OR TALUS?
25134	24240	90	90	YL OR CLAY TALUS?	DUSKY YL OR TALUS?
25135	24250	90	90	" " " "	←
25136	24260	90	90	" " " "	MOT YL GY/YL RD CLAY TALUS
25137	24270	120	120	YL OR CLAY " "	MOT YL/OR CLAY TALUS?
25138	24280	100	90	" " " "	←
25139	24290	100	120	" " " "	LT OL GY/LT RD TALUS
25140	24300	100	90	RD OR " "	←
25141	24310	90	90	LT BR RD CLAY	←
25142	24320	90	90	BR RD CLAY	←
25143	24330	90	90	" " " "	"
25144	24340	90	90	" " " "	"
25145	24350	100	100	BR OR CLAY	←
25146	24360	100	100	" " " "	←
25147	24370	95	95	" " " "	←
25148	24380	95	95	DK " " " "	←
25149	24390	95	NS	" " " "	CREEK BED
25150	24400	95	95	YL OR CLAY	←
				END OF LINE	

402043

MACMIN N.L.		AUGER SAMPLE LOG			
PROJECT NAME		LISLE		PROSPECT PANAMA	
NORTHING		41400			
DATE				SAMPLERS T.G. D.M. R.S.	
SAMPLE NUMBER	EASTING	DEPTH		COMMENTS	
		A	B	HOLE A	HOLE B
25151	24300	95	95	yl or gry vf?	<
25152	24290	95	95	" " "	yl or vf?
25153	24280	120	80	mot or yl clay	or yl gry clay
25154	24270	100	100	pl or yl clag frag rock	<
25155	24260	100	100	or yl gry mush	<
25156	24250	100	100	yl or mush	yl or clay b.rock?
25157	24240	100	100	yl or clay (frag B.rock)	<
25158	24230	100	100	OR YL CLAY	<
25159	24220	100	100	OR GRY CLAY (MB)	<
25160	24210	100	180	PL GRY OR CLAY	GRY GR WTH GRANITE
25161	24200	100	100	PL OR GRY WTH GRANITE	<
25162	24190	100	100	PL OR CLAY WTH GRANITE	PL OR GRY WTH GRANITE
25163	24180	100	100	PL GR GRY CLAY GRANITE	PK GRY CLAY QZ. VEINING
25164	24170	100	100	PL PK OR GRY CLAY GRANIT	<
25165	24160	100	100	AS ABOVE	< IN CREEK
25166	24150	100	100	YL OR CLAY GRANITE	GRY OR CLY GRAN. QZ FRAC
25167	24140	100	100	LT OR YL CLAY WTH MB???	<
25168	24130	100	100	AS ABOVE	<
25169	24120	100	100	AS ABOVE	<
25170	24080	100	-	BL GRY CLAY GRAN	NO SAMPLE
25171	24070	100	100	MOT YL OR CLAY GRAN	<
25172	24060	100	100	OR YL CLAY GRAN	<
25173	24050	100	100	AS ABOVE	<
25174	24040	100	100	YL OR CLAY	PK GRY CLAY FILL OR SPOIL
25175	24030	100	100	LT BR OR CLAY	<
25176	24020	100	100	MOD BR OR CLAY	<
25177	24010	100	100	AS ABOVE FRAG ROCK VF?	<
25178	24000	100	100	AS ABOVE	<
25179	23990	100	100	AS ABOVE	<
25180	23980	100	100	AS ABOVE	<
25181	23970	100	100	AS ABOVE	<
25182	23960	100	100	AS ABOVE ADIT TO NORTH 20m	
25183	23950	100	100	SPOIL?	LT BR OR CLAY FRAG GN?
25184	23930	100	100	SPOIL?	PK OR SOIL FRAG GN?
25185	23920	100	100	BR OR CLAY	<
25186	23910	100	100	LT BR OR CLAY	<
25187	23900	100	100	AS ABOVE FRAG ROCK VF?	<
25188	23890	100	100	AS ABOVE	< LIS 9/66
25189	23880	100	90	AS ABOVE	<
25190	23870	90	90	AS ABOVE	<

402044

PROJECT NAME		LISLE		PROSPECT		PANAMA	
NORTHING		41400		SAMPLERS		T.G. D.M. R.S.	
DATE							
SAMPLE NUMBER	EASTING	DEPTH		COMMENTS			
		A	B	HOLE A	HOLE B		
25151	24300	95	95	yl or gry vf?	<		
25152	24290	95	95	" " "	yl or vf?		
25153	24280	120	80	mot or yl clay	or yl gry clay		
25154	24270	100	100	pl or yl clag frag rock	<		
25155	24260	100	100	or yl gry mush	<		
25156	24250	100	100	yl or mush	yl or clay b.rock?		
25157	24240	100	100	yl or clay (frag B.rock)	<		
25158	24230	100	100	OR YL CLAY	<		
25159	24220	100	100	OR GRY CLAY (MB)	<		
25160	24210	100	180	PL GRY OR CLAY	GRY GR	WTH GRANITE	
25161	24200	100	100	PL OR GRY	WTH GRANITE	<	
25162	24190	100	100	PL OR CLAY	WTH GRANITE	PL OR GRY WTH GRANITE	
25163	24180	100	100	PL GR GRY CLAY GRANITE	PK GRY CLAY QZ. VEINING		
25164	24170	100	100	PL PK OR GRY CLAY GRANIT	<		
25165	24160	100	100	AS ABOVE	<	IN CREEK	
25166	24150	100	100	YL OR CLAY GRANITE	GRY OR CLY GRAN. QZ FRAC		
25167	24140	100	100	LT OR YL CLAY WTH MB???	<		
25168	24130	100	100	AS ABOVE	<		
25169	24120	100	100	AS ABOVE	<		
25170	24080	100	-	BL GRY CLAY GRAN	NO SAMPLE		
25171	24070	100	100	MOT YL OR CLAY GRAN	<		
25172	24060	100	100	OR YL CLAY GRAN	<		
25173	24050	100	100	AS ABOVE	<		
25174	24040	100	100	YL OR CLAY	PK GRY CLAY FILL OR SPOIL		
25175	24030	100	100	LT BR OR CLAY	<		
25176	24020	100	100	MOD BR OR CLAY	<		
25177	24010	100	100	AS ABOVE FRAG ROCK VF?	<		
25178	24000	100	100	AS ABOVE	<		
25179	23990	100	100	AS ABOVE	<		
25180	23980	100	100	AS ABOVE	<		
25181	23970	100	100	AS ABOVE	<		
25182	23960	100	100	AS ABOVE ADIT TO NORTH 20m	<		
25183	23950	100	100	SPOIL?	LT BR OR CLAY FRAG GN?		
25184	23930	100	100	SPOIL?	PK OR SOIL FRAG GN?		
25185	23920	100	100	BR OR CLAY	<		
25186	23910	100	100	LT BR OR CLAY	<		
25187	23900	100	100	AS ABOVE FRAG ROCK VF?	<		
25188	23890	100	100	AS ABOVE	<	LIS 966	
25189	23880	100	90	AS ABOVE	<		
25190	23870	90	90	AS ABOVE	<		







MACMIN N.L. AUGER SAMPLE LOG					
PROJECT NAME		LISLE		PROSPECT PANAMA	
NORTHING		41200			
DATE				SAMPLERS T.G. D.M. D.P.	
SAMPLE NUMBER	EASTING	DEPTH		COMMENTS	
		A	B	HOLE A	HOLE B
25072	23540	60	80	SILICIFIED MB O/C	TOP OF HILL SCRDE MB
25073	23550	60	60	MOT WHITE/YL CLAY	PINK GRY CLAY MB SCRDE
25074	23560	70	90	PINK GREY CLAY SCRDE MB	← HAND TRENCH
25075	23570	90	90	OR CLAY	PINK GRY CLAY
25076	23580	80	80	MOT OR/YL CLAY	←
25077	23590	85	90	DK OR CLAY	←
25078	23600	100	85	DK BR OR CLAY	←
25079	23610	90	100	DK OR CLAY	MOT YL/OR CLAY
25080	23620	90	100	DK MOT YL/OR CLAY	←
25081	23630	100	110	" " " "	←
25082	23640	120	115	" " " "	←
25083	23650	140	130	MOT DK OR/BR CLAY	←
25084	23660	80	110	" " " "	←
25085	23670	100	120	" " " "	←
25086	23680	110	130	DK BR OR CLAY	←
25087	23690	120	110	MOT OR/YL CLAY	MOT OR/BR CLAY
25088	23700	120	100	MOT OR/BR CLAY	YL OR CLAY SMALL FRAG
25089	23710	100	110	OR BR CLAY	OR YL CLAY
25090	23720	120	110	OR BR GRY CLAY	OR YL BR CLAY
25091	23730	100	110	DK BR OR CLAY	OR YL CLAY
25092	23740	110	110	BR OR CLAY	BR OR YL CLAY
25093	23750	110	110	OR BR CLAY	←
25094	23760	90	100	" " " (FRAG)	←
25095	23770	100	90	YL OR CLAY TEE FRAG	OR CLAY TEE FRAG
25096	23780	100	100	MOT YL/OR CLAY	MOT YL/OR CLAY TEE GRT.??
25097	23790	100	100	MOT YL/OR CLAY	←
25098	23800	100	90	MOT OR/BR CLAY	←
25099	23810	100	100	" " " "	YL OR CLAY
25100	23900	100	100	MOT YL/OR VALLEY FILL	←
25101	23910	100	100	" " " "	←
25102	23920	100	100	" " " "	←
25103	23930	100	100	" " " "	←
25104	23940	100	100	" " " "	←
25105	23950	100	100	" " " "	←
25106	23960	100	100	" " " "	←
25107	23970	100	100	" " " "	←
25108	23980	100	100	" " " "	←
25109	23990	100	100	" " " "	←
25110	24000	100	100	" " " "	←
25111	24010	100	100	" " " "	←

MACMIN N.L.		AUGER SAMPLE LOG			
PROJECT NAME		LISLE		PROSPECT PANAMA	
NORTHING		41200			
DATE				SAMPLERS T.G. D.M. D.P.	
SAMPLE NUMBER	EASTING	DEPTH		COMMENTS	
		A	B	HOLE A	HOLE B
25112	24020	100	100	MOT YL/OR VALLEY FILL	←
25113	24030	100	100	" "	←
25114	24040	100	100	" "	←
25115	24050	100	100	" "	←
25116	24060	100	100	DK BR OR TALUS/CLAY	←
25117	24070	100	100	" "	←
25118	24080	100	100	" "	←
25119	24090	100	100	" "	←
25120	24100	100	100	" "	←
25121	24110	100	100	MOT LT BR RD/YL CLAY	←
25122	24120	100	100	LT BK OR CLAY	MOD YL OR CLAY
25123	24130	100	100	" "	MOT YL/PK OR CLAY
25124	24140	100	100	YL OR CLAY MB	YL OR BROCK MB
25125	24150	100	100	DUSKY YL OR CLAY MB	PALE YL OR BROCK MB
25126	24160	100	100	LT OR YL BROCK MB	← MB
25127	24170	100	70	PK OR BROCK MB	← MB
25128	24180	100	100	PALE OR YL BROCK MB	YL OR WEATHERED BROCK MB
25129	24190	100	100	DK YL OR BROCK MB	← " " " MB
25130	24200	100	100	YL OR WEATHERED MB	←
25131	24210	100	100	YL OR CLAY	DK YL OR CLAY TALUS
25132	24220	100	70	YL OR TALUS?	←
25133	24230	70	90	PALE RD OR CLAY TALUS?	PALE RD OR TALUS?
25134	24240	90	90	YL OR CLAY TALUS?	DUSKY YL OR TALUS?
25135	24250	90	90	" " " " ?	←
25136	24260	90	90	" " " " ?	MOT YL GY/YL RD CLAY TALUS?
25137	24270	120	120	YL OR CLAY " " ?	MOT YL/OR CLAY TALUS?
25138	24280	100	90	" " " " ?	←
25139	24290	100	120	" " " " ?	LT OL GY/LT RD TALUS
25140	24300	100	90	RD OR " " ?	←
25141	24310	90	90	LT BK RD CLAY	←
25142	24320	90	90	BR RD CLAY	←
25143	24330	90	90	" " " "	"
25144	24340	90	90	" " " "	"
25145	24350	100	100	BR OR CLAY	←
25146	24360	100	100	" " " "	←
25147	24370	95	95	" " " "	←
25148	24380	95	95	DK " " " "	←
25149	24390	95	NS	" " " "	CREEK BED
25150	24400	95	95	YL OR CLAY	←
				END OF LINE	







MACMIN N.L. SOIL SAMPLE LOG  
ROAD/TRACK BASED

402053

PROJECT: LISLE

NAME OF ROAD: ?

PROSPECT: CLAIRE'S REWARD

STARTING POINT: 5440810 NORTH  
326390 EAST

DATE: 6/6/97

FINISHING POINT: 5439940 NORTH  
325625 EAST

SAMPLE NUMBER	DISTANCE FROM START	FINAL ASSAY	COMMENTS
27001	START		TAG ON TREE S.W. SIDE ROAD
27002	20		
27003	40		
27004	60		
27005	80		
27006	100		
27007	120		
27008	140		
27009	160		
27010	180		
27011	200		
27012	220		
27013	240		
27014	260		
27015	280		
27016	300		
27017	320		
27018	340		
27019	360		
27020	380		
27021	400		
27022	420		
27023	440		
27024	460		
27025	480		
27026	500		
27027	520		
27028	540		
27029	560		NO SAMPLE
27030	580		
27031	600		
27032	620		
27033	640		
27034	660		
27035	680		
27036	700		
27037	720		
27038	740		
27039	760		NO SAMPLE
27040	780		

MACMIN N.L. SOIL SAMPLE LOG  
ROAD/TRACK BASED

402054

PROJECT: LISLE

NAME OF ROAD: ?

PROSPECT: CLAIRES REWARD

STARTING POINT: 5440810 NORTH  
326390 EAST

DATE: 6/6/97

FINISHING POINT: 5439940 NORTH  
325625 EAST

SAMPLE NUMBER	DISTANCE FROM START	FINAL ASSAY	COMMENTS
27041	800		
27042	820		
27043	840		
27044	860		
27045	880		
27046	900		
27047	920		NO SAMPLE
27048	940		
27049	960		
27050	980		
27051	1000		
27052	1020		
27053	1040		
27054	1060		
27055	1080		NO SAMPLE
27056	1100		
27057	1120		
27058	1140		
27059	1160		
27060	1180		NO SAMPLE
27061	1200		END OF TRAVERSE SW SIDE ROAD

MACMIN N.L. SOIL SAMPLE LOG  
ROAD/TRACK BASED

402055

PROJECT: LISLE

NAME OF ROAD: ?

PROSPECT: LONESTAR

STARTING POINT: 5437580 NORTH  
324070 EAST

DATE: 7/6/97

FINISHING POINT: 5437650 NORTH  
323650 EAST

SAMPLE NUMBER	DISTANCE FROM START	FINAL ASSAY	COMMENTS
27062	START		TAG ON TREE S.W. SIDE ROAD
27063	20		
27064	40		
27065	60		
27066	80		
27067	100		
27068	120		
27069	140		
27070	160		
27071	180		
27072	200		
27073	220		
27074	240		
27075	260		
27076	280		
27077	300		
27078	320		
27079	340		
27080	360		
27081	380		
27082	400		END OF SAMPLING

MACMIN N.L. SOIL SAMPLE LOG  
ROAD/TRACK BASED

402056

PROJECT: LISLE

NAME OF ROAD: ?

PROSPECT: LONESTAR

STARTING POINT: 5437440 NORTH  
324490 EAST

DATE: 7/6/97

FINISHING POINT: 5437615 NORTH  
324775 EAST

SAMPLE NUMBER	DISTANCE FROM START	FINAL ASSAY	COMMENTS
27083	START		PEG 200m FROM MIDDLE OF BRIDGE
27084	20		
27085	40		
27086	60		
27087	80		
27088	100		
27089	120		
27090	140		
27091	160		
27092	180		
27093	200		
27094	220		
27095	240		
27096	260		
27097	280		
27098	300		
27099	320		END OF SAMPLING INTO TALUS
27100	340		

**MACMIN N.L. AUGER SAMPLE LOG**  
ROAD/TRACK BASED

PROJECT: LISLE

NAME OF ROAD: N/A

PROSPECT: LONESTAR

STARTING POINT: 5437580 NORTH  
324,070 EAST

DATE: 1-27/97

FINISHING POINT: 5437440 NORTH  
324485 EAST

DISTANCE TO START	SAMPLE NUMBER	DEPTH		COMMENTS		ASSAYS	
		A	B	HOLE A	HOLE B	Au	As
0	25351	100	100	OR CLAY SCREE	<		
10	25352	100	100	AS ABOVE	<		
20	25353	100	100	YL OR CLAY SCREE	<		
30	25354	100	100	AS ABOVE	<		
40	25355	100	100	LT OR CLAY FRAG MB	LT OR CLAY		
50	25356	100	100	LT OR CLAY	<		
60	25357	100	100	AS ABOVE	<		
70	25358	100	100	AS ABOVE TAL	<		
80	25359	100	100	LT YL OR CLAY TAL	<		
90	25360	100	100	MOT GRY/LT OR CLAY ALT MB	<		
100	25361	100	100	AS ABOVE	<		
110	25362	100	100	OR CLAY	LT YL CLAY		
120	25363	100	100	LT RD OR CLAY	<		
130	25364	100	100	OR CLAY	OR CLAY BROK MB		
140	25365	100	100	LT YL OR CLAY	<		
150	25366	100	100	LT OR CLAY	<		
160	25367	100	100	AS ABOVE	OR CLAY BROK MB		
170	25368	100	180	PK OR BROK ALT MB	<		
180	25369	100	100	MOT PK OR/YL GRY ALT MB	FR OR ALT MB		
190	25370	100	100	MOT YL OR/OR ALT MB	<		
200	25371	220	200	MOT YL OR/PK ALT MB	<		
210	25372	220	220	MOT YL OR/PK ALT MB	<		
220	25373	250	250	LT OR BROK ALT MB	PL OR WH ALT MB CLAY		
230	25374	250	250	MOT PL OR WH/OR ALT GRT	<		
240	25375	100	100	PL PK OR CLAY	OR GRY CLAY		
250	25376	100	100	OR OL GRY CLAY	MOT YL GRY/OR CLAY		
260	25377	100	100	MOT WH/OR CLAY	LT OR WH CLAY		
270	25378	100	100	PL OR WH CLAY ALT?	GRN WH CLAY ALT GRT		
280	25379	100	100	GRN WH CLAY ALT GRT	V PL YL WH ALT GRT TCE QZ		
290	25380	100	100	MOT OR GRY/WH ALT GRT	MOT OL YL/GRY ALT GRT		
300	25381	NS	NS	ROAD SPOIL	NS		
310	25382	NS	NS	CREEK	NS		
320	25383	100	100	DK YL BR GRY CLAY	LT YL OR CLAY		
330	25384	100	100	OR CLAY	YL OR CLAY		
340	25385	100	100	DK OR BR CLAY	<		
350	25386	NS	NS	NS ROAD FILL			
360	25387	100	100	DK BR BL MUSH	BR OR CLAY		
370	25388	100	100	OR CLAY OVERBURDEN	<		
380	25389	100	100	OR CLAY BROK MB	OR CLAY O/B		
390	25390	100	100	OR CLAY	YL OL GRY BROK MB		











402063

**MACMIN N.L. AUGER SAMPLE LOG**  
**ROAD/TRACK BASED**

PROJECT: LISLE

NAME OF ROAD: ?

PROSPECT: BESSELS

STARTING POINT: 5438650 NORTH  
325,275 EAST

DATE: 7/7/07

FINISHING POINT: 5438920 NORTH  
324985 EAST

DISTANCE TO START	SAMPLE NUMBER	DEPTH		COMMENTS		ASSAYS	
		A	B	HOLE A	HOLE B	Au	As
0	25448	100	100	YL OR BROK MB	< (LIS2356		
10	25449	100	60	A/A	<		
20	25450	100	100	LT YL OR BROK MB	<		
30	25451	100	60	A/A	<		
40	25452	60	60	A/A	<		
50	25453	60	60	A/A	<		
60	25454	90	95	A/A	OR CLAY		
70	25455	90	60	A/A	<		
80	25456	60	60	A/A	<		
90	25457	60	60	OR CLAY	<		
100	25458	60	60	LT OR BROK MB	< (BIG HOLE BY TRACK)		
110	25459	60	100	A/A	OR BROK MB		
120	25460	90	65	LT OR BROK MB	LT PK OR BROK MB		
130	25461	60	90	LT PK BROK MB	<		
140	25462	50	100	LT OR BROK MB	OR BROK MB		
150	25463	70	50	OR BROK MB	LT PK OR BROK MB		
160	25464	100	50	LT OR BROK MB	LT PK OR BROK MB		
170	25465	60	80	LT PK OR BROK MB	LT OR BROK BROK MB		
180	25466	50	90	LT OR BROK MB	PK OR BROK MB		
190	25467	100	100	OR CLAY	LT OR CLAY/BROK MB		
200	25468	100	60	A/A	LT OR BROK MB		
210	25469	90	50	OR CLAY	PK OR BROK MB		
220	25470	80	60	PK OR BROK MB	<		
230	25471	50	50	LT BR OR BROK MB	PL OR BROK MB		
240	25472	50	50	OR GRY BROK MB	<		
250	25473	50	80	PL OR BROK MB	<		
260	25474	90	50	PK OR BROK MB	OR PK BROK MB		
270	25475	70	100	A/A	OR CLAY		
280	25476	95	100	OR PK BROK MB	OR WTH BROK MB		
290	25477	100	50	OR CLAY	PK OR BROK MB		
300	25478	90	100	PK OR BROK MB	YL OR BROK MB		
310	25479	95	90	OR CLAY	BR OR CLAY		
320	25480	90	90	OR CLAY ALT MB	PK OR CLAY ALT MB		
330	25481	100	100	PK OR CLAY ALT MB	YL OR MB		
340	25482	90	70	LT OR BROK MB	LT OR PK BROK MB		
350	25483	100	50	A/A	OR BROK MB		
360	25484	100	100	OR BROK MB	<		
370	25485	100	50	LT A/A	LT PK BROK MB		
380	25486	50	50	LT PK BROK MB	PK OR BROK MB		
390	25487	40	50	A/A	PK BR BROK SCREE		



MACMIN N.L. AUGER SAMPLE LOG  
ROAD/TRACK BASED

402065

PROJECT: LISLE

NAME OF ROAD: ?

PROSPECT: BESSELS

STARTING POINT: 5439415 NORTH  
326,210 EAST

DATE: 1/7/97

FINISHING POINT: 5439650 NORTH  
325830 EAST

DISTANCE TO START	SAMPLE NUMBER	DEPTH		COMMENTS		ASSAYS	
		A	B	HOLE A	HOLE B	Au	As
0	25489	100	100	OR CLAY	MOT YL/OR CLAY		
10	25490	100	100	A/A	RD OR CLAY		
20	25491	100	100	LT YL CLAY/BROK	RD OR CLAY FRAG QZ		
30	25492	100	100	LT RD OR CLAY	MOT YL OR/WT CLAY		
40	25493	100	100	LT YL OR CLAY FRG WTH MB	LT OR CLAY		
50	25494	100	100	LT YL GRY BROK?	LT PK YL BROK?		
60	25495	100	100	MOT LT OR/YL WTH BROK?	<		
70	25496	100	100	OR CLAY	LT YL BROK?		
80	25497	100	100	A/A	<		
90	25498	100	100	PK BROK ? MB	OR CLAY		
100	25499	N/S	N/S	CREEK			
110	25500	100	100	PK OR CLAY	PK YL BROK MB		
120	25501	100	100	PURPLE(PP) PK BROK MB	<		
130	25502	100	100	LT PP PK BROK MB	MOT LT OR/PK WH CLAY		
140	25503	100	100	MOT LT OR/PK WH CLAY	MOT OR/CRM CLAY		
150	25504	100	100	RD OR CLAY	BR OR CLAY		
160	25505	100	100	YL OR CLAY	OR CLAY		
170	25506	100	100	RD OR CLAY	OR CLAY(LIS2336)		
180	25507	100	100	YL OR CLAY (LIS2336)	LT OR CLAY		
190	25508	100	100	PK OR FR CLAY	<		
200	25509	100	100	LT PK OR BROK MB	LT OR BROK MB		
210	25510	100	100	OR PK FR BROK MB	LT OR FR BROK MB		
220	25511	100	100	LT OR YL FRG MB	<		
230	25512	100	100	LT PK OR BROK MB	LT OR PK BROK MB		
240	25513	100	100	LT OR PK BROK MB	LT YL OR BROK MB		
250	25514	100	100	LT OR YL BROK MB	LT YL BROK MB		
260	25515	100	100	LT YL BROK MB	<		
270	25516	100	100	LT PK OR BROK MB	LT YL BROK MB		
280	25517	100	100	LT YL BROK MB	<		
290	25518	100	100	LT OR BROK MB	YL GRY CLAY		
300	25519	100	100	YL GRY CLAY	OR CLAY		
310	25520	N/S	N/S	CREEK/FILL			
320	25521	N/S	N/S	A/A			
330	25522	N/S	N/S	A/A			
340	25523	100	100	OR CLAY	<		
350	25524	100	100	A/A	LT PK BROK MB		
360	25525	100	100	A/A	<		
370	25526	100	100	PK OR CLAY/BROK MB	PL PK BROK MB		
380	25527	100	100	PL OR BROK MB	LT YL PK BROK MB		
390	25528	100	100	LT OR CLAY/BROK MB	OR CLAY		



MACMIN N.L. AUGER SAMPLE LOG  
ROAD/TRACK BASED

402067

PROJECT: LISLE

NAME OF ROAD:

PROSPECT: CLAIRE'S

STARTING POINT: 5439960 NORTH  
325,620 EAST

DATE:

FINISHING POINT: 5440745 NORTH  
325470 EAST

DISTANCE TO START	SAMPLE NUMBER	DEPTH		COMMENTS		ASSAYS	
		A	B	HOLE A	HOLE B	Au	As
0	25540	100	100	PL BR GRY BROK MB	<		
10	25541	100	100	LT OR GRY BROK/CLAY	LT OR BROK MB		
20	25542	100	100	LT OR BROK MB	PL BR BROK MB		
30	25543	100	100	A/A	A/A		
40	25544	100	100	LT BR BROK MB	<		
50	25545	100	100	LT OR BROK MB	LT OR CLAY		
60	25546	100	100	LT OR CLAY	LT YL OR BROK MB		
70	25547	100	60	YL OR CLAY	LT OR BROK MB		
80	25548	100	50	LT OR BROK MB	LT PK BROK MB		
90	25549	100	100	LT PK OR BROK MB	LT OR BROK MB		
100	25550	100	100	PL YL OR GRY BROK MB	LT OR CLAY SLOP		
110	25551	100	100	LT HBR BROK MB	LT PK BR BROK MB		
120	25552	100	100	LT PK BR BROK MB	LT PK BROK MB		
130	25553	100	100	LT OR CLAY/BROK MB	<		
140	25554	100	100	LT YL OR BROK MB	PL PP BROK MB		
150	25555	100	100	LT PK OR BROK MB	PL BR OR BROK MB		
160	25556	60	100	PL BR OR BROK MB	OR CLAY		
170	25557	50	100	LT OR BROK MB	LT YL OR BROK MB		
180	25558	100	100	LT OR BROK MB	LT BR GRY CLAY		
190	25559	100	100	LT OR CLAY	LT YL OR CLAY		
200	25560	100	100	A/A	<		
210	25561	N/S	N/S	CREEK/BRIDGE			
220	25562	N/S	N/S	A/A			
230	25563	N/S	N/S	A/A			
240	25564	100	100	OR CONG? BROK	LT OR CONG? BROK		
250	25565	100	100	LT OR BROK MB?	<		
260	25566	100	100	LT OR BROK MB	LT OL BROK MB		
270	25567	70	70	PL YL OL BROK MB (SCHIST?)	PL OR BROK MB		
280	25568	100	100	LT OR BROK MB	<		
290	25569	100	100	A/A	<		
300	25570	100	100	LT OL GRY BROK MB	LT OR BROK MB		
310	25571	100	100	LT BR YL BROK MB	YL OR BROK MB		
320	25572	60	60	PL PK BROK MB	YL OR BROK MB		
330	25573	100	100	PK BROK MB	PP PK BROK MB		
340	25574	100	100	P. YL BROK MB	PK GRY BROK MB		
350	25575	100	100	LT PK GRY BROK MB	LT OR BROK MB		
360	25576	100	100	MOT OR/PK BROK MB	PP PK BROK MB		
370	25577	100	100	LT YL OR BROK MB	LT PP PK BROK MB		
380	25578	90	80	LT PP PK BROK MB	PP PK BROK MB		
390	25579	90	80	A/A	<		

MACMIN N.L. AUGER SAMPLE LOG  
ROAD/TRACK BASED

402068

PROJECT: LISLE

NAME OF ROAD: ?

PROSPECT: CLAIRES

STARTING POINT: 5439960 NORTH  
325,620 EAST

DATE:

FINISHING POINT: 5440745 NORTH  
325470 EAST

DISTANCE TO START	SAMPLE NUMBER	DEPTH		COMMENTS		ASSAYS	
		A	B	HOLE A	HOLE B	Au	As
400	25580	90	90	LT BR PK BROK MB	LT PK GRY BROK MB		
410	25581	100	100	MOT PK/YL OR BROK MB	LT YL OR BROK MB		
420	25582	70	100	LT PK BROK MB TCE QZ	LT PK/OR BROK MB TCE QZ		
430	25583	100	100	PL YL PK BROK MB	LT YL OR BROK MB		
440	25584	100	100	MOT PL YL/PL YL OR BRK MB	PL OR BROK MB		
450	25585	100	100	PL PK BROK ALT MB	PL YL OR BROK ALT MB		
460	25586	100	100	LT YL OR BROK MB	PL YL PK BROK MB		
470	25587	100	100	LT OR BROK MB	<		
480	25588	100	100	PP PK BROK MB	<		
490	25589	100	100	LT PK OR BROK MB	LT YL OR CLAY FILL?		
500	25590	100	100	LT YL OR CLAY FILL?	<		
510	25591	100	100	A/A	<		
520	25592	100	100	A/A	<		
530	25593	100	100	LT PK BROK MB	YL OR CLAY		
540	25594	100	100	PP PK BROK MB	<		
550	25595	100	100	LT OR YL BROK MB	PK BROK MB		
560	25596	100	100	PK BROK MB	YL BROK MB		
570	25597	100	100	PL PK BR BROK MB	LT PP PK BROK MB		
580	25598	100	100	PP PK BROK MB	<		
590	25599	100	100	A/A	OR YL ALT MB		
600	25600	100	100	LT OR YL ALT MB	PK OR ALT MB		
610	25601	100	100	PK OR BROK ALT MB	<		
620	25602	100	100	YL OR FR CLAY ALT? MB	LT YL OR FR CLAY ALT? MB		
630	25603	100	100	OR YL WTH BROK MB	<		
640	25604	100	100	YL OR WTH BROK MB	LT YL OR WTH BROK MB		
650	25605	100	100	OR PK WTH BROK MB	OR YL WTH BROK MB		
660	25606	100	100	OR YL WTH BROK MB	LT PK OR WTH BROK MB		
670	25607	100	100	YL OR WTH BROK MB	YL WTH BROK MB		
680	25608	100	100	OR YL WTH BROK MB	LT <		
690	25609	100	100	A/A	PP PK BROK MB		
700	25610	100	100	PL PK BR BROK/CLAY MB	<		
710	25611	100	100	PL BR PK BROK MB	PL OR BR BROK MB		
720	25612	100	100	LT OR BROK MB	<		
730	25613	100	90	PL YL WTH BROK MB	YL OR WTH BROK MB		
740	25614	100	100	LT PK BROK MB	YL OR CLAY ALT BROK MB		
750	25615	100	100	LT OR BROK MB	OR CLAY		
760	25616	100	70	YL OR BROK MB	LT OR PK BROK MB		
770	25617	100	80	LT OR BROK MB	LT YL BROK ALT/WTH MB		
780	25618	50	100	LT OR GRY BROK MB	LT OR BROK MB		
790	25619	60	100	LT OR BROK MB	<		







**MACMIN N.L. SOIL SAMPLE LOG**  
ROAD/TRACK BASED

402072

PROJECT: <input type="text" value="LISLE"/>	NAME OF ROAD: <input type="text" value="LISLE-NOOK RD"/>
PROSPECT: <input type="text" value="LISLE"/>	STARTING POINT: <input type="text" value="5438830"/> NORTH <input type="text" value="328650"/> EAST
DATE: <input type="text"/>	FINISHING POINT: <input type="text" value="5437400"/> NORTH <input type="text" value="327290"/> EAST

SAMPLE NUMBER	DISTANCE FROM START	FINAL ASSAYS		COMMENTS
		GOLD	ARSENIC	
27101	0m			START OF LINE ON FENCE CORNER
27102	20			
27103	40			
27104	60			
27105	80			
27106	100			
27107	120			
27108	140			
27109	160			
27110	180			
27111	200			
27112	220			
27113	240			
27114	260			
27115	280			
27116	300			
27117	320			
27118	340			
27119	360			
27120	380			
27121	400			
27122	420			
27123	440			
27124	460			
27125	480			
27126	500			
27127	520			
27128	540			
27129	560			
27130	580			EAST SIDE 4 WAY JUNCTION
27131	600			WEST SIDE 4 WAY JUCTION
27132	620			
27133	640			
27134	660			
27135	680			
27136	700			
27137	720			
27138	740			
27139	760			
27140	780			



MACMIN N.L. SOIL SAMPLE LOG  
ROAD/TRACK BASED

402074

PROJECT: LISLE

NAME OF ROAD: ?

PROSPECT: LISLE SHEET 2

STARTING POINT: 5436500 NORTH  
328650 EAST

DATE:

FINISHING POINT: 5436260 NORTH  
327570 EAST

SAMPLE NUMBER	DISTANCE FROM START	FINAL ASSAYS		COMMENTS
		GOLD	ARSENIC	
27252	0m			START 100m WEST OF JUNCTION
27253	20			
27254	40			
27255	60			
27256	80			
27257	100			
27258	120			NO SAMPLE
27259	140			NOSAMPLE
27260	160			
27261	180			
27262	200			
27263	220			
27264	240			
27265	260			
27266	280			
27267	300			
27268	320			
27269	340			
27270	360			
27271	380			
27272	400			
27273	420			
27274	440			
27275	460			
27276	480			
27277	500			
27278	520			
27279	540			
27280	560			
27281	580			
27282	600			
27283	620			
27284	640			
27285	660			ON BEND WHERE ROAD GOES DOWN
27286	680			RIDGE
27287	700			LARGE LOG LAYDOWN AREA
27288	720			
27289	740			
27290	760			
27291	780			

MACMIN N.L. SOIL SAMPLE LOG  
ROAD/TRACK BASED

402075

PROJECT: LISLE

NAME OF ROAD: ?

PROSPECT: LISLE SHEET 2

STARTING POINT: 5436500 NORTH  
328180 EAST

DATE:

FINISHING POINT: 5436260 NORTH  
327570 EAST

SAMPLE NUMBER	DISTANCE FROM START	FINAL ASSAYS		COMMENTS
		GOLD	ARSENIC	
27292	800			END OF LINE

MACMIN N.L. SOIL SAMPLE LOG  
ROAD/TRACK BASED

402076

PROJECT: LISLE

NAME OF ROAD: ?

PROSPECT: LISLE SHEET 3

STARTING POINT: 5432900 NORTH  
327210 EAST

DATE:

FINISHING POINT: 5432900 NORTH  
327105 EAST

SAMPLE NUMBER	DISTANCE FROM START	FINAL ASSAYS		COMMENTS
		GOLD	ARSENIC	
27293	0m			START OF LINE ON RIDGE TOP 110m NORTH OF ROAD CORNER
27294	20			
27295	40			ALL IN BIOTITE ALT MB
27296	60			
27297	80			
27298	100			END OF LINE

402077

MACMIN N.L. SOIL SAMPLE LOG  
ROAD/TRACK BASED

PROJECT: LISLE

NAME OF ROAD: ?

PROSPECT: LISLE SHEET 3

STARTING POINT: 5432900 NORTH  
327210 EAST

DATE:

FINISHING POINT: 5432900 NORTH  
327105 EAST

SAMPLE NUMBER	DISTANCE FROM START	FINAL ASSAYS		COMMENTS
		GOLD	ARSENIC	
27293	0m			START OF LINE ON RIDGE TOP 110m NORTH OF ROAD CORNER  ALL IN BIOTITE ALT MB  END OF LINE
27294	20			
27295	40			
27296	60			
27297	80			
27298	100			

402078

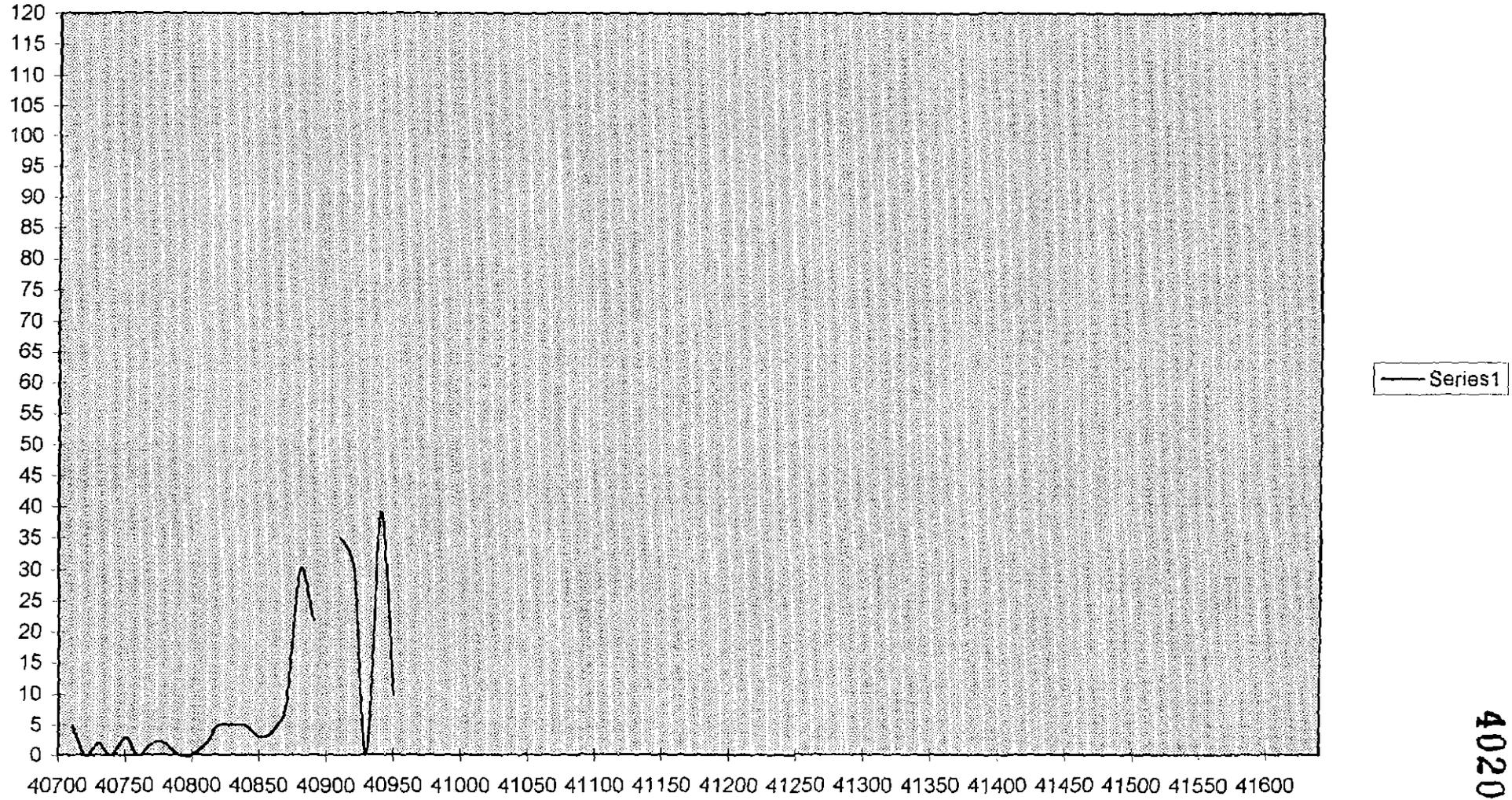
APPENDIX 3

Panama Prospect

Results Plotted on Profiles

24000E Au B

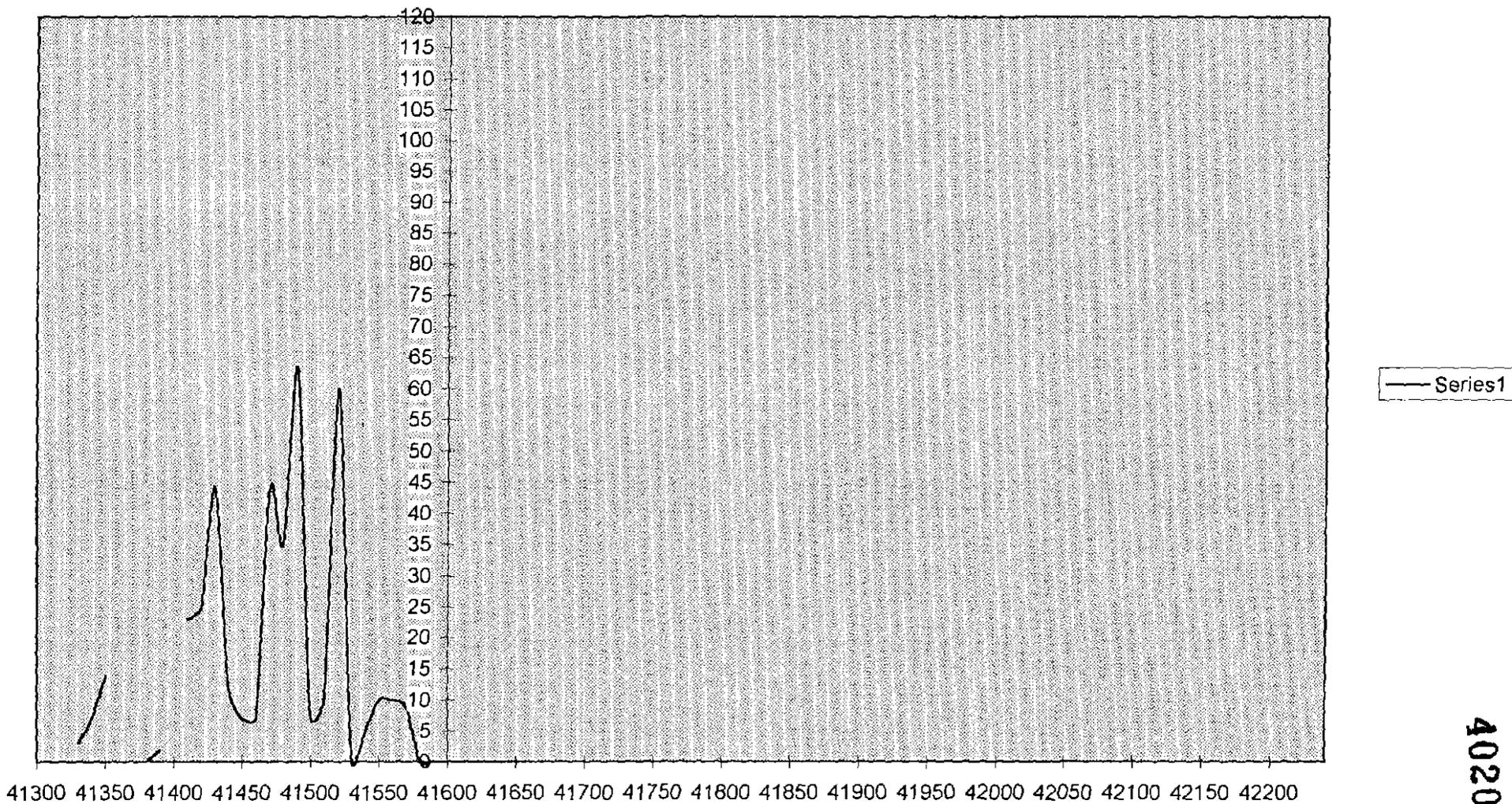
24000E Au B



402079

24000E Au A

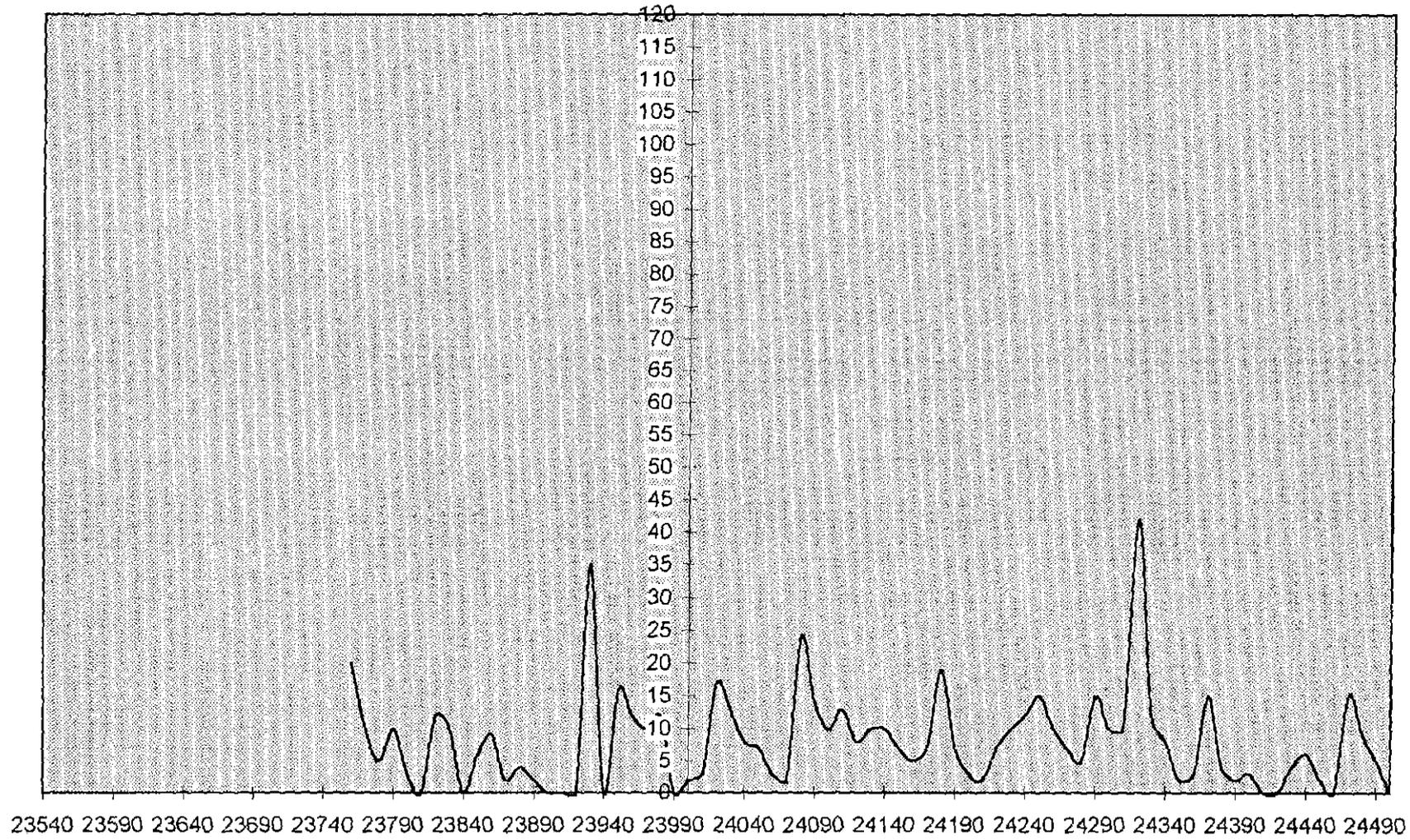
24000E Au



402080

41600N Au

41600N Au

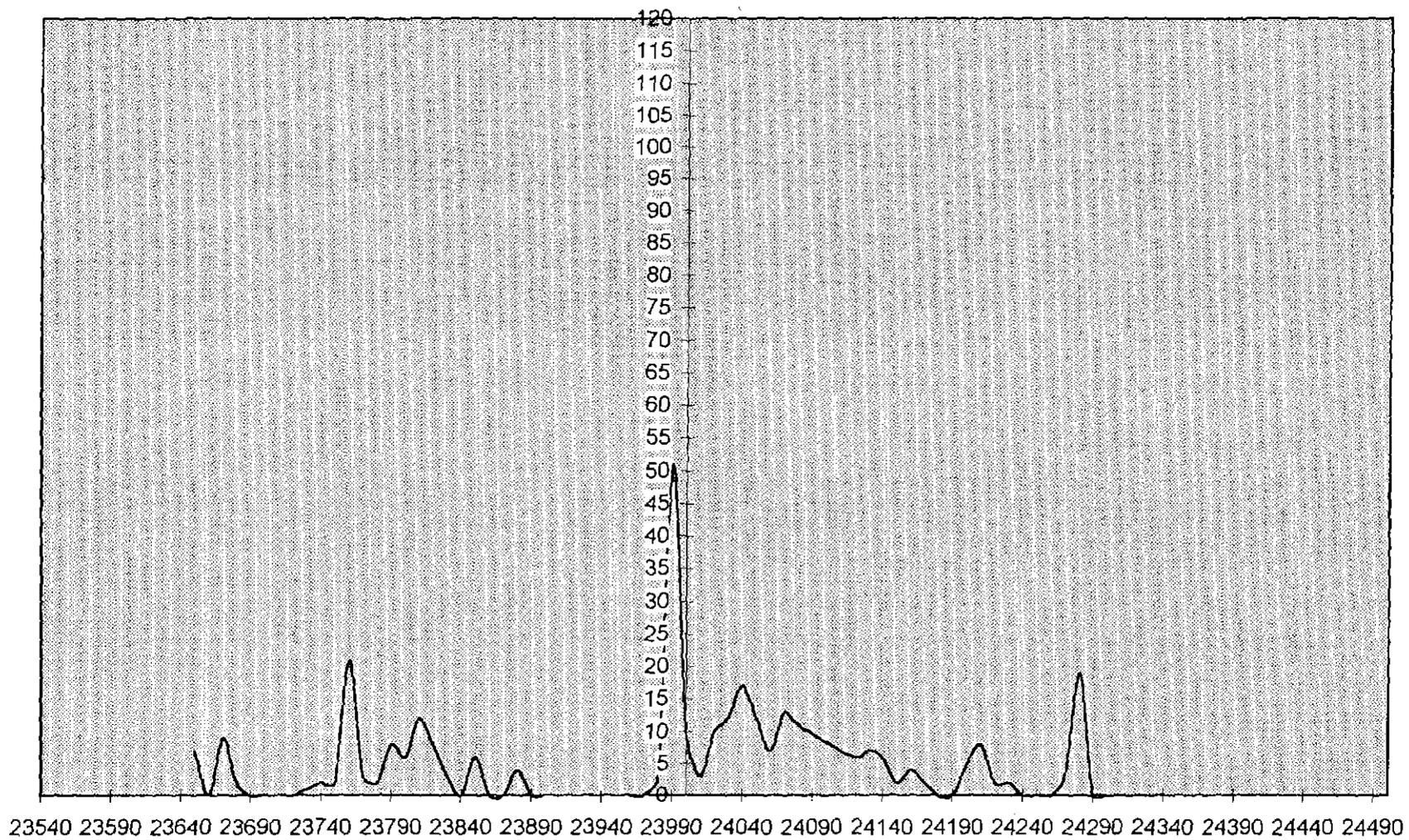


Series1

402081

41400N Au

41400N Au

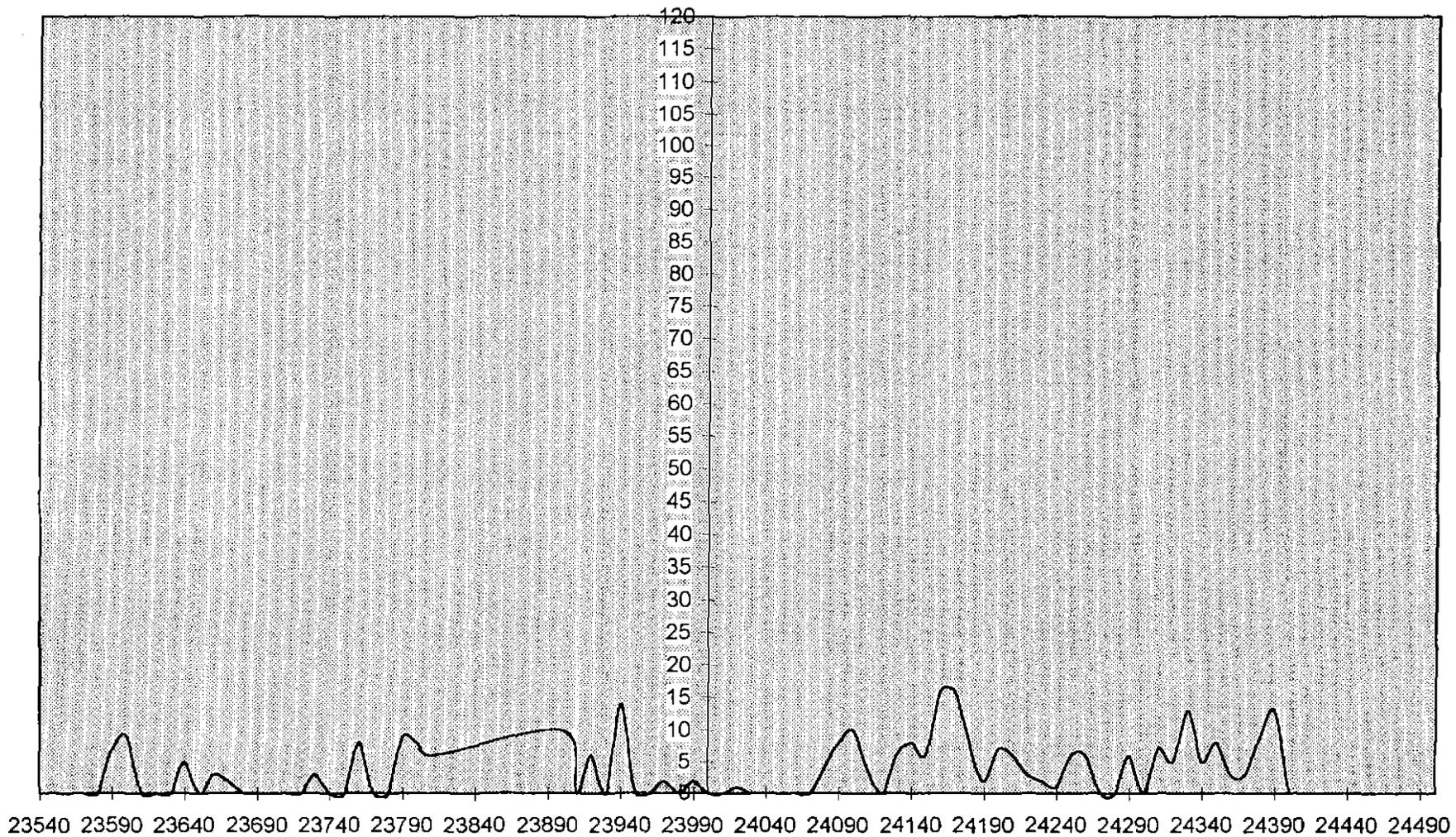


Series1

402082

41200N Au

41200N Au

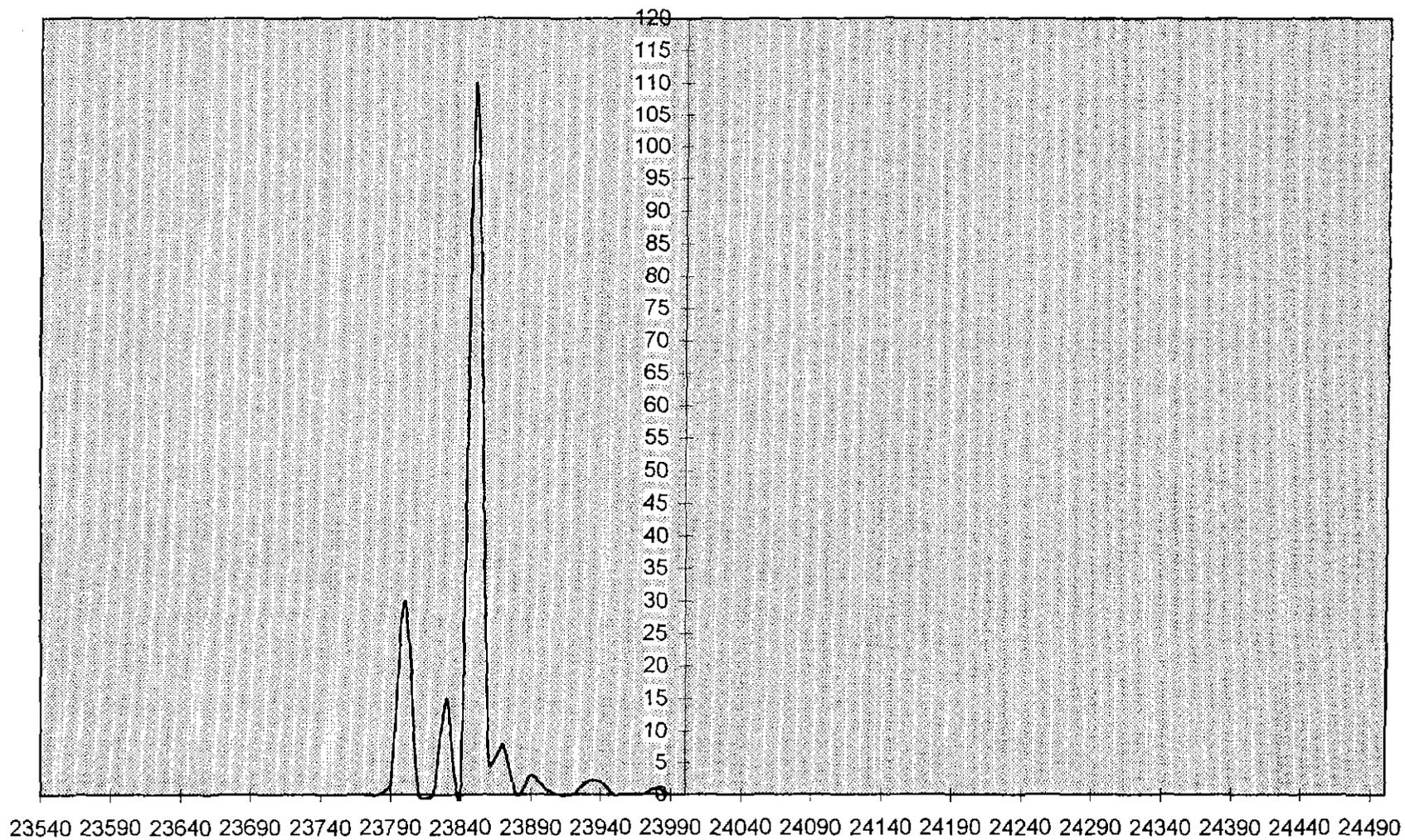


1

402083

40700N Au

40700N Au

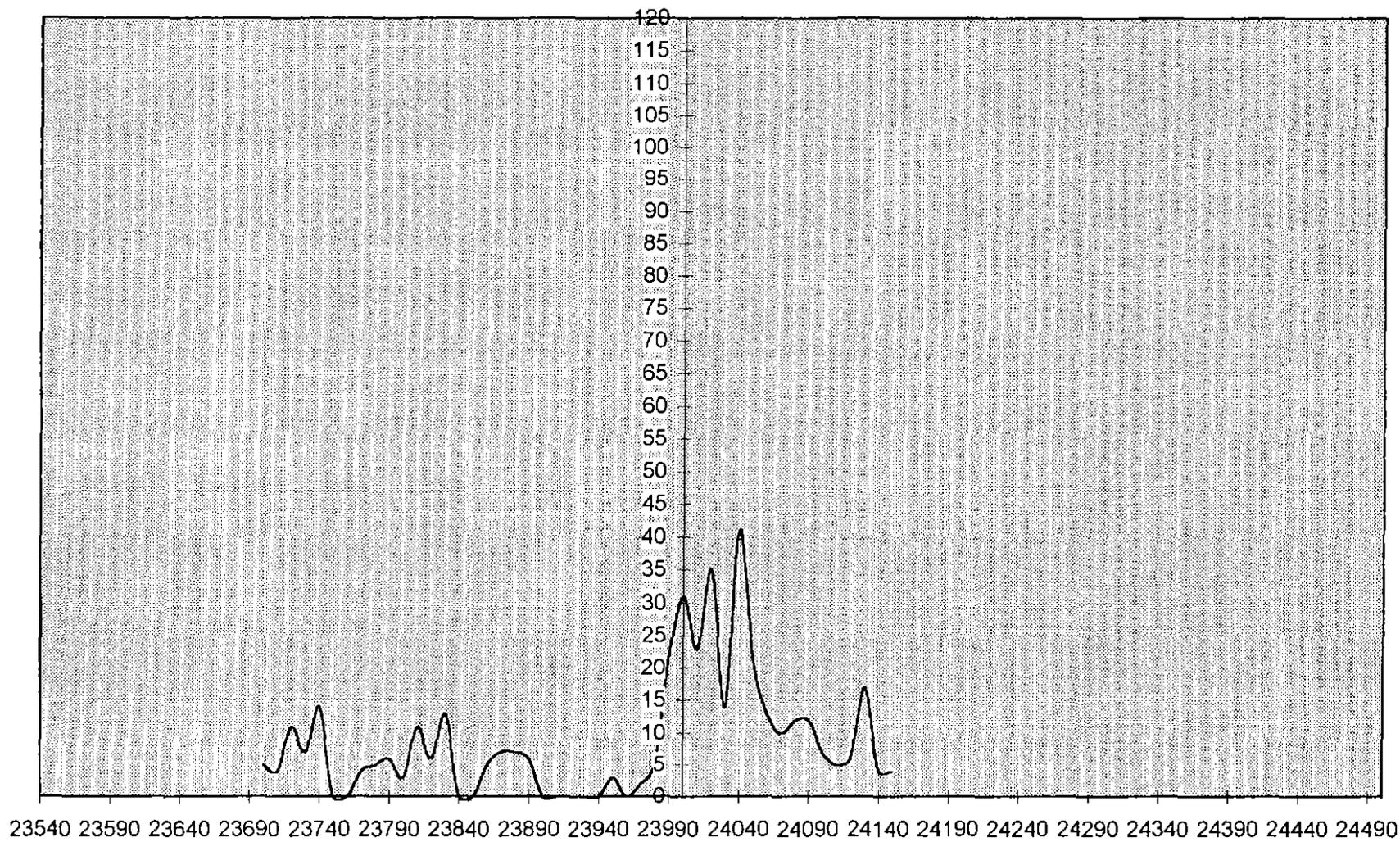


Series1

402084

40900N Au

40900N Au

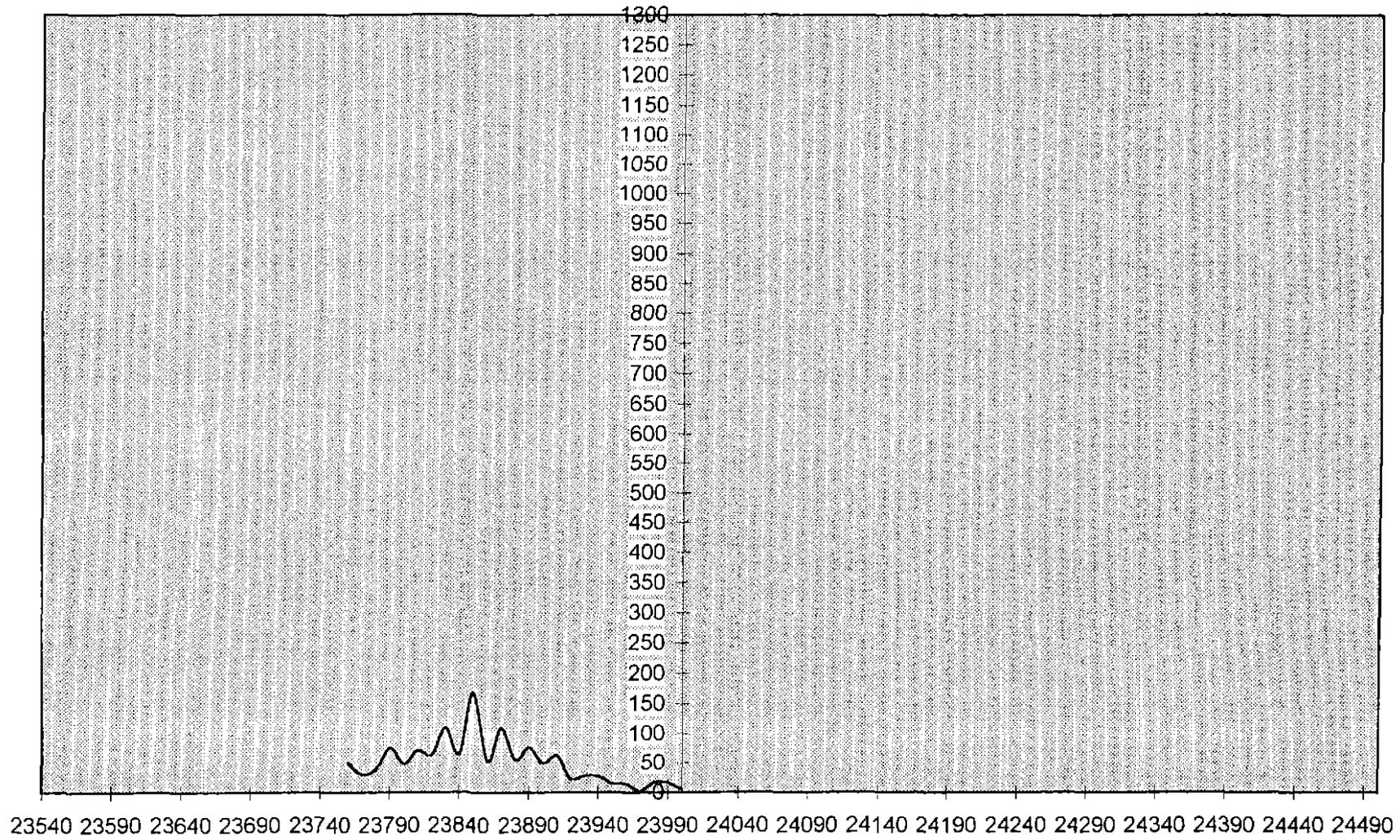


Series1

402085

40700N As

40700N As

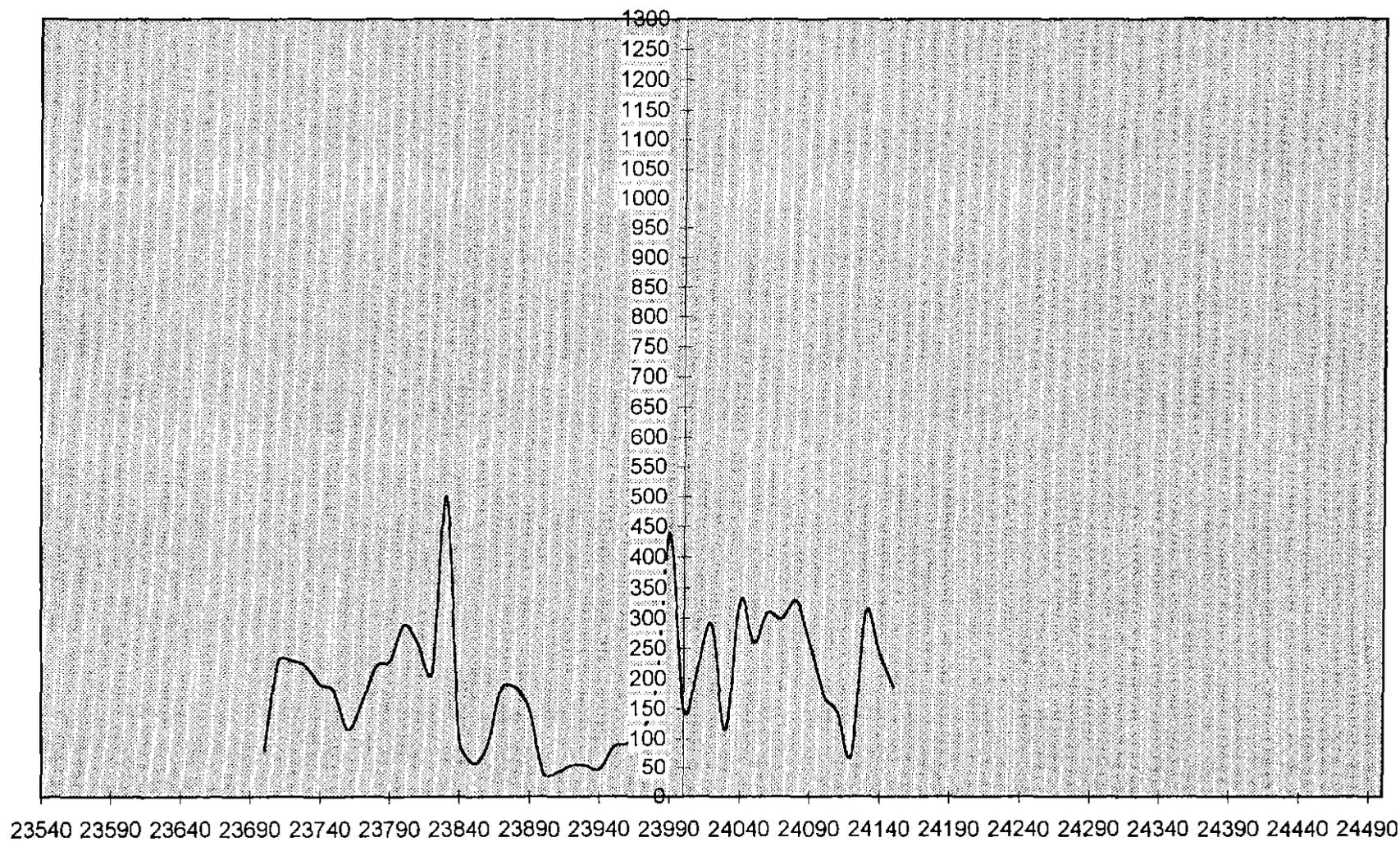


Series1

402086

40900N As

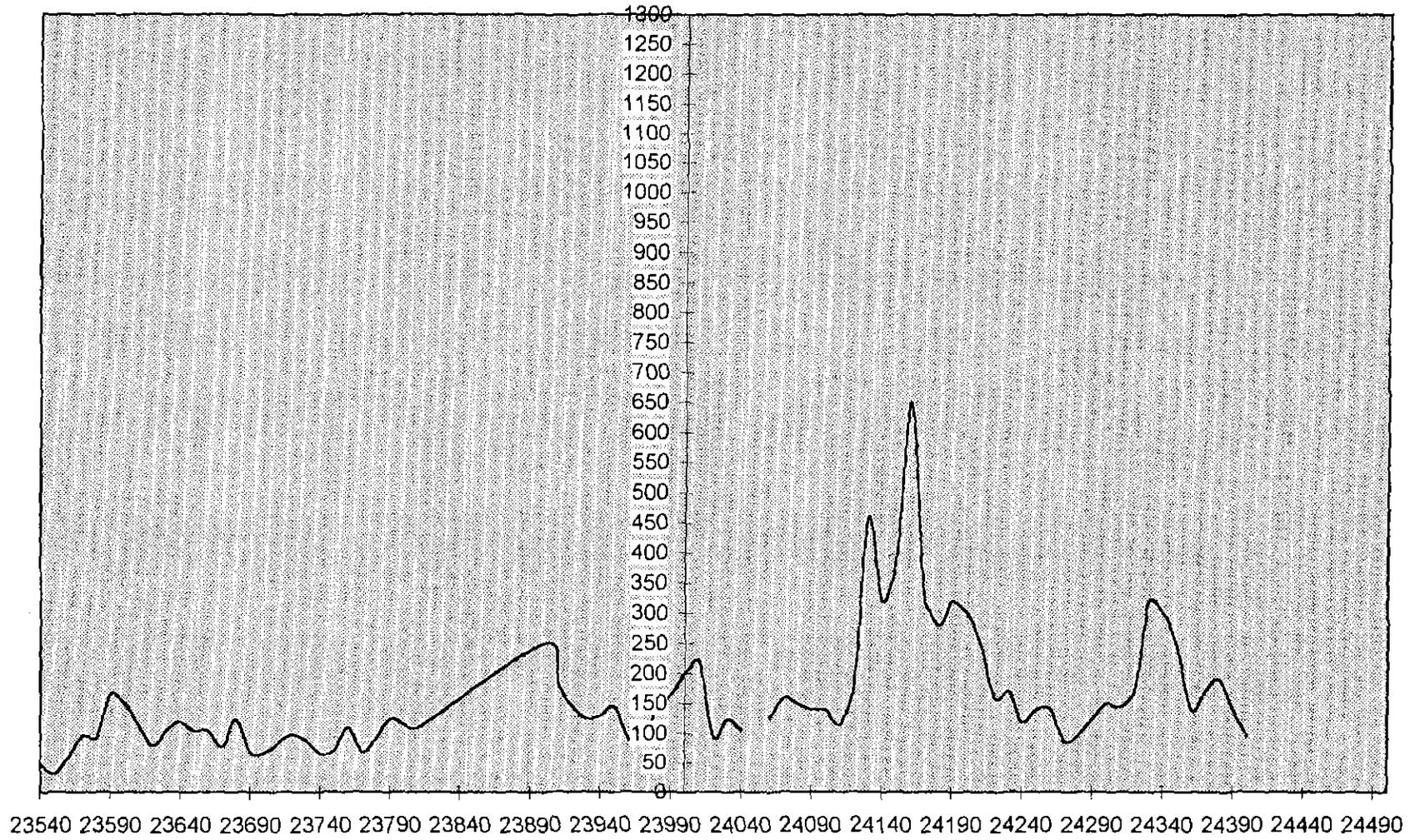
40900N As



402087

41200N As

41200N As

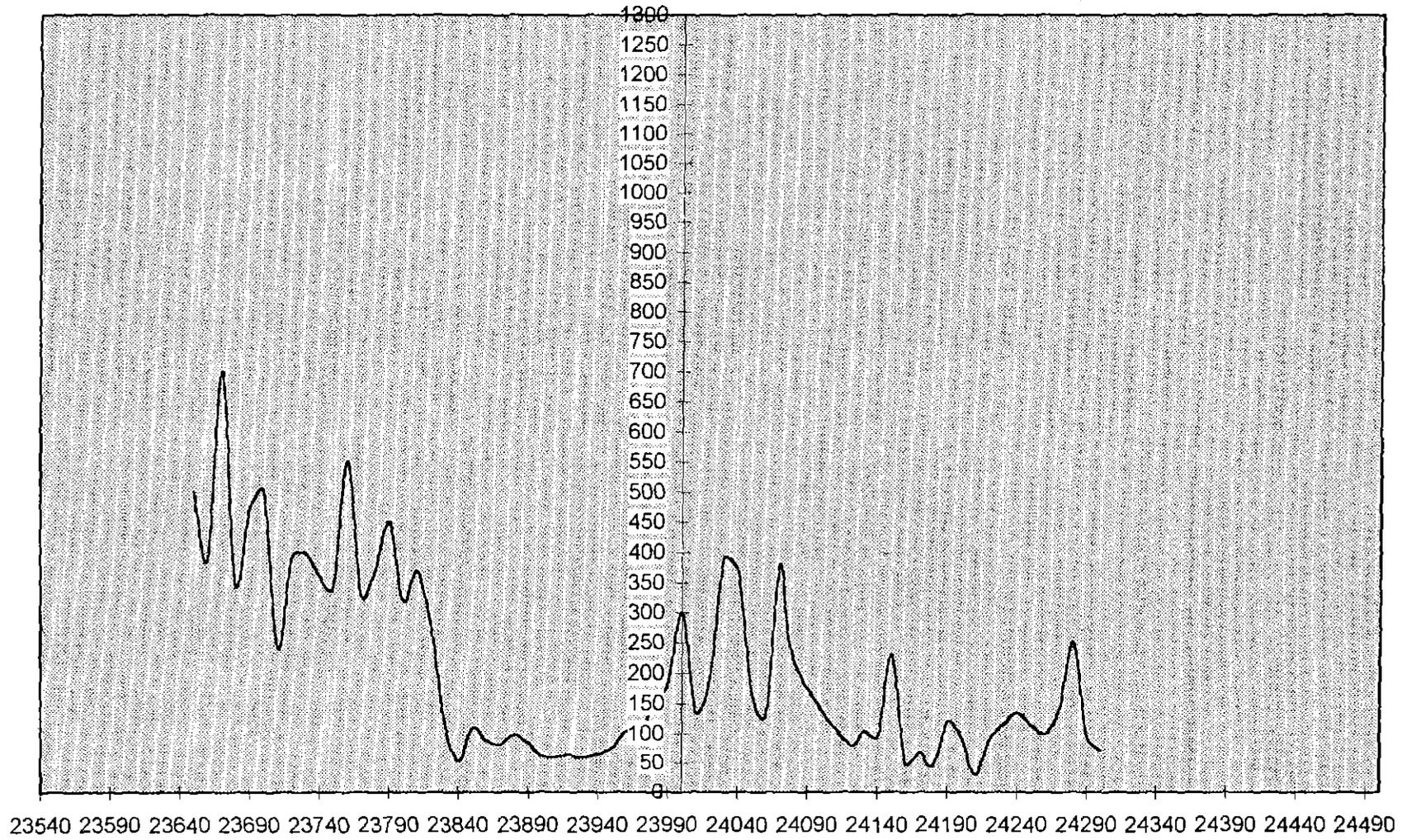


Series1

402088

41400N As

41400N As

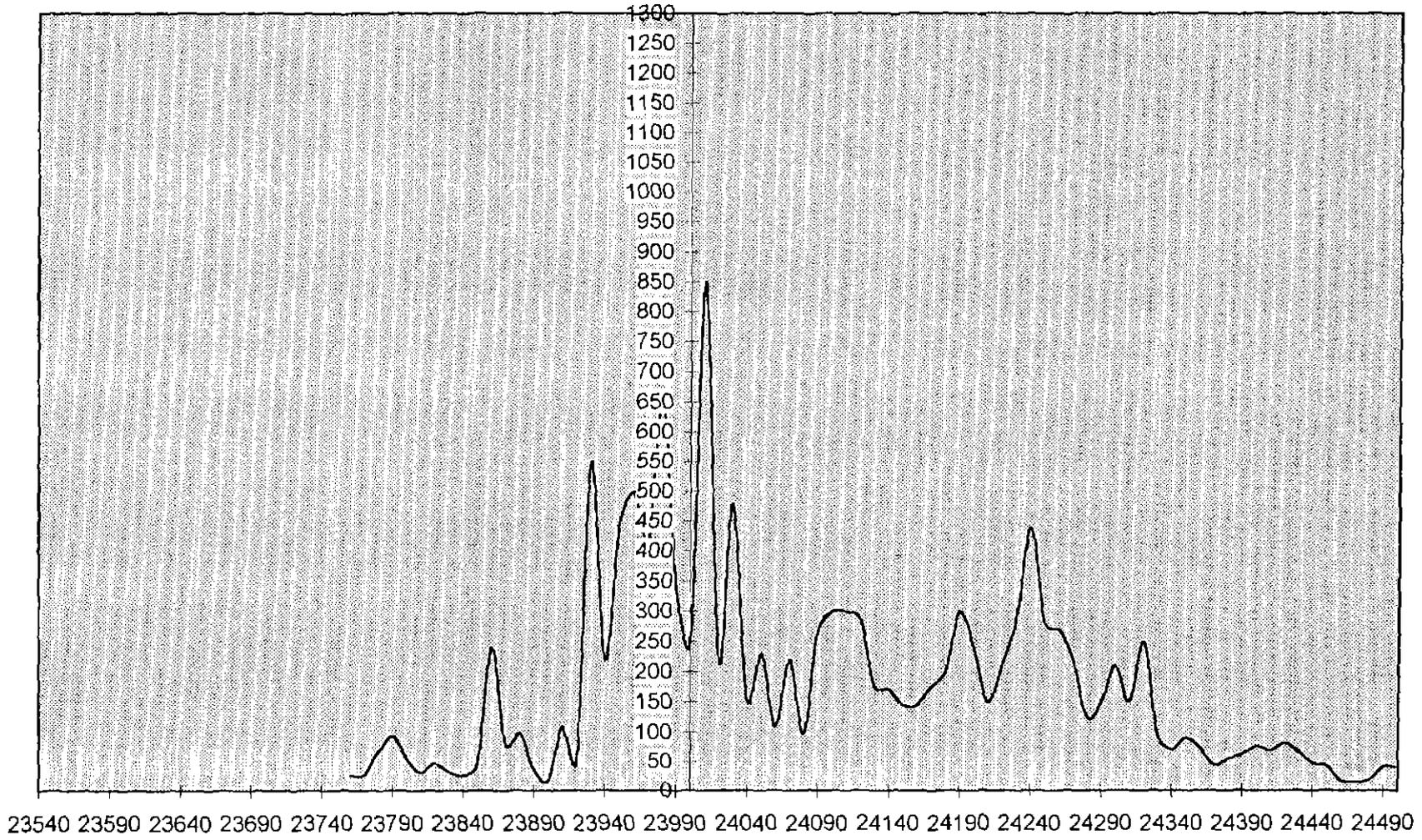


Series1

402089

41600N As

41600N As

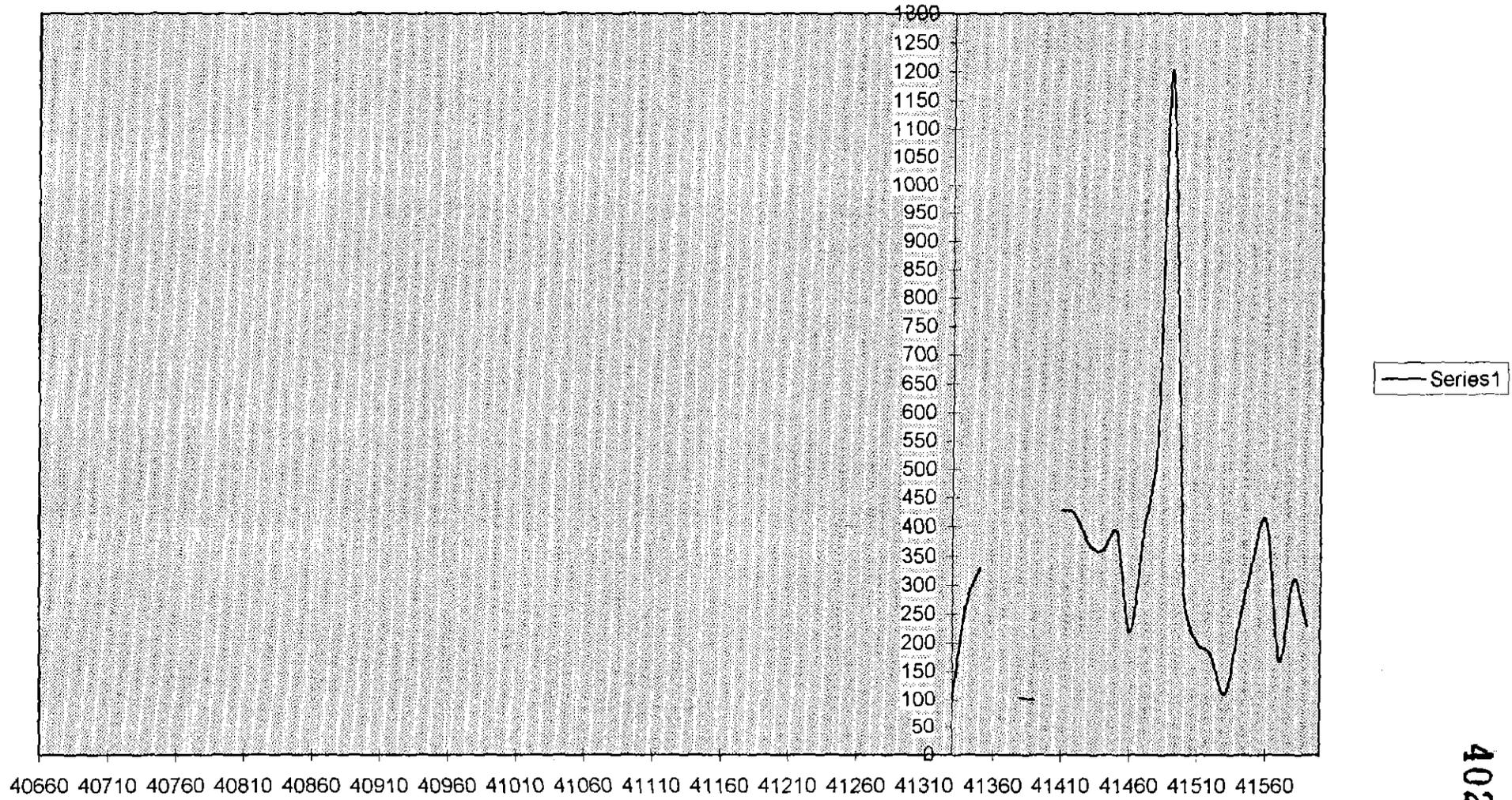


Series1

402090

24000E As A

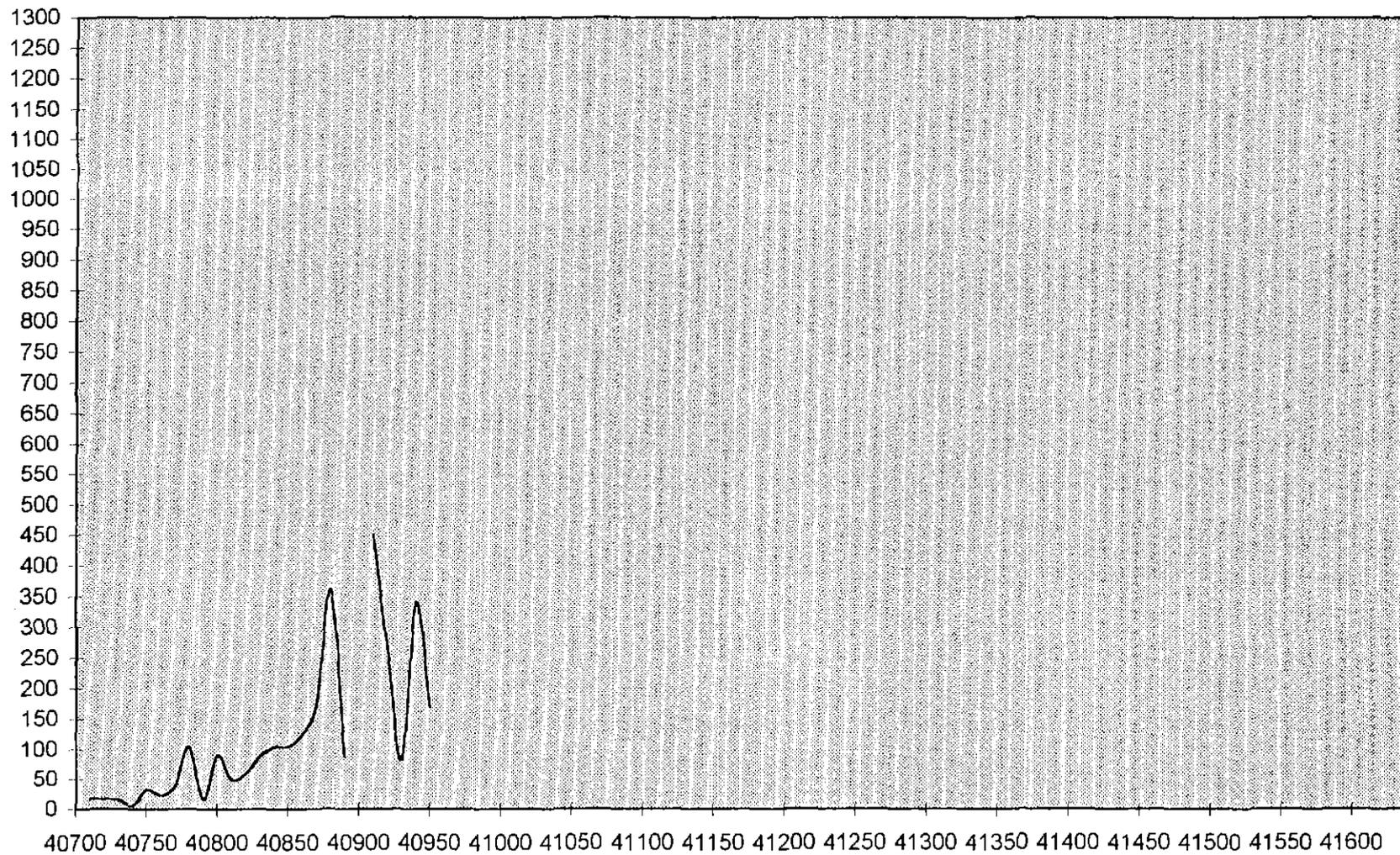
24000E As A



402091

2400E As B

2400E As B



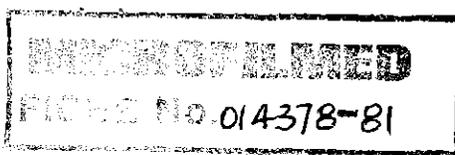
Series1

402092

402093

EXPLORATION LICENCE 2/92

"LISLE"



ANNUAL REPORT ON EXPLORATION ACTIVITY  
FOR THE YEAR ENDED 24 JULY 1997

*Distribution:*

- Mineral Resources Tasmania 1
- MACMIN (Gold Coast) 1

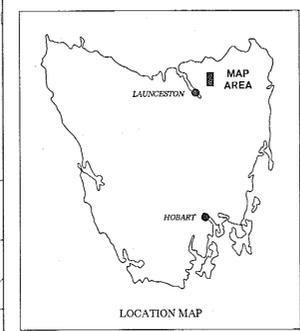


MACMIN N.L.  
P.O. Box 7996  
Gold Coast Mail Centre  
Queensland 4217

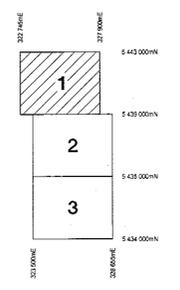
*Compiled By*  
Diana Hall  
August 1997

Telephone:(07) 55922274  
Facsimile: (07) 5592 2275

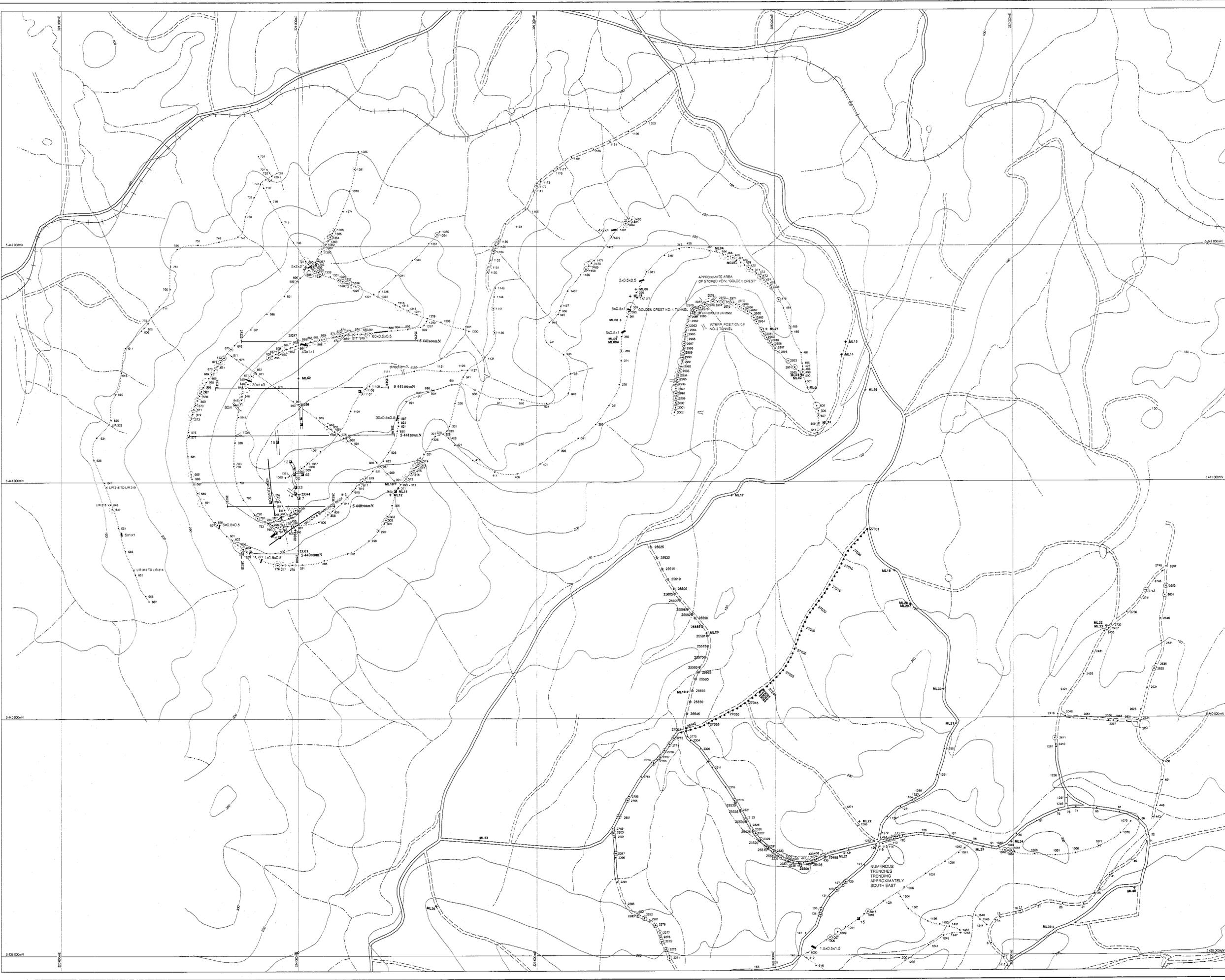
97-4048



LOCATION MAP



SHEET INDEX



**LEGEND**

- Main Road
- Minor Road (unsealed)
- Track (unsealed)
- Railway
- Creek
- Contour (C.I. = 50m)
- Trench formation as shown with length x width x depth (m)
- Slag with depth (m), if known
- Aster with length (m), if known
- Quartz Reef
- Alluvial Workings
- Sample Thresh (20m interval)
- Sample Location and Number. Soil Samples prefixed LJR only samples ending in 1 or 4 out of order or on the end of a traverse are shown
- Rock Chip samples prefixed LJR
- Gold Assay Result  
0.02 - 0.07 ppm  
0.07 - 0.12 ppm  
+ 0.12 ppm
- Arsenic Assay Result  
50 - 100 ppm  
100 - 200 ppm  
+ 200 ppm
- Auger Sample Location (1997)
- Soil Sample Location (1997)
- Rock Chip Sample Location (1997)

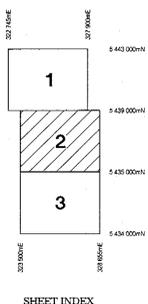
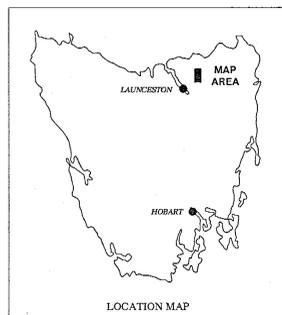
Compiled from 1 : 25 000 Topographic Sheet enlargements and from Aerial Photograph blowups

**MACMIN N.L.**  
 LISLE - GOLDEN CREST  
 RECONSTRUCTION PROJECT  
**SAMPLE LOCATIONS**  
 Recon. Soil 1995, Soil (1997), Auger (1997)  
 Sheet 1

SCALE 1 : 5 000  
 0 100 200 300 400 500  
 metres

Compiled: P. McN., G. MacD. Date: JULY 1995 PLATE:  
 Drawn: NORTHPOINT CARTOGRAPHICS Dep. No.: LISLE01.DGN

402093  
 402094  
**97-4048**  
 ANNUAL REPORT - ISSUE 03, 2005  
 MACMIN N.L. VOL 2 OF 2  
 P 11/11



- LEGEND**
- Main Road
  - Minor Road (sealed)
  - Track (unsealed)
  - Railway
  - Creek
  - Contour (C.L. + 50m)
  - Trench (formation as shown) with length x width x depth (m)
  - Shoal with depth (m), if known
  - Aid with length (m), if known (formation as shown)
  - Quartz Reef
  - Alluvial Workings
  - Sample Traverse (20m interval)
  - Sample Location and Number  
Soil Samples preformed LJR only samples ending 111 or 6, out of order or on the end of a traverse are shown
  - Rock Chip samples preformed LJR  
Gold Assay Result  
0.02 - 0.07 ppm  
0.07 - 0.12 ppm  
+ 0.12 ppm
  - Arsenic Assay Result  
50 - 100 ppm  
100 - 200 ppm  
+ 200 ppm
  - Auger Sample Location (1997)
  - Soil Sample Location (1997)
  - Rock Chip Sample Location (1997)

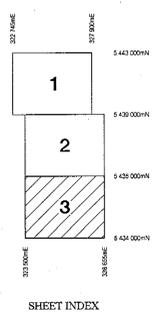
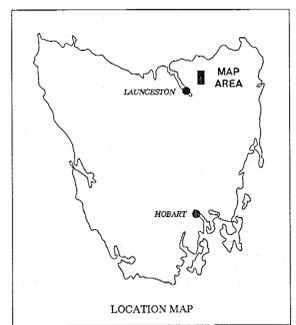
Compiled from 1 : 25 000 Topographic Sheet enlargements and from Aerial Photograph blowups

5 cm

**MACMIN N.L.**  
**402095**  
**SAMPLE LOCATIONS**  
 Recon. Soil 1995, Soil (1997), Auger (1997)  
 Sheet 2  
 SCALE 1 : 5 000  
 metres

Compiled: P. Mott, G. MacD. Date: JUL 1 1995. Drawn: NORTHPOINT CARTOGRAPHICS. [Dwg. No.: LISLEB2.DGN]

**97-4048**  
 ANNUAL REPORT - LISLE - 2002  
 MACMIN N.L. VOL 01 OF 2



**LEGEND**

- Main Road
- Minor Road (unsealed)
- Track (unsealed)
- Railway
- Creek
- Contour (C.I. = 50m)
- Trench (orientation as shown) with length or width as shown (m)
- Shaft with depth (m), if known
- Adit with length (m), if known (orientation as shown)
- Quartz Reef
- Alluvial Workings
- Sample Traverse (20m interval)
- Sample Location and Number:  
Soil Sample (profiled L25 only samples ending in 1 or 6, end of order or on the end of a traverse are shown)
- Rock Chip Sample Location LIR
- Gold Assay Result:  
0.01 - 0.07 ppm  
0.07 - 0.12 ppm  
+ 0.12 ppm
- Arsenic Assay Result:  
25 - 100 ppm  
100 - 200 ppm  
+ 200 ppm
- Auger Sample Location (1997)
- Soil Sample Location (1997)
- Rock Chip Sample Location (1997)

Compiled from 1 : 25 000 Topographic Sheet enlargements and from Aerial Photograph blowups



**MACMIN N.L.**  
 LAUNCESTON - GOLDENVALE  
 AUSTRALIAN TARIFFS  
 S.L. 2/95 - 1/85/2

**SAMPLE LOCATIONS**  
 Recon. Soil 1995, Soil (1997), Auger (1997)  
 Sheet 3

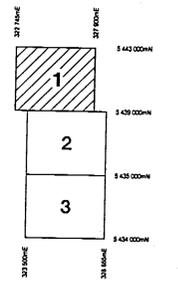
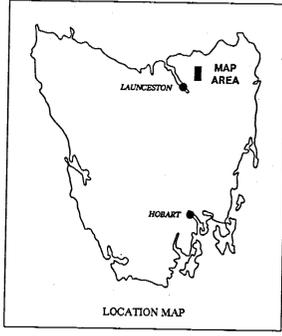
40296

SCALE 1 : 5 000  
 0 100 200 300 400 500  
 metres

Compiled: \_\_\_\_\_ Date: \_\_\_\_\_ PLATE: \_\_\_\_\_  
 Drawn: NORTHPOINT CARTOGRAPHICS Dwg. No.: LISL03.DGN

97-4048

ANNUAL REPORT - LISL - 2002  
 MACMIN N.L.  
 D.H.M.



**ROCK CHIP SAMPLING RESULTS**  
 Date: June 1997

Sample	As	Fe	Pb	Cu	Zn
MLR01	14	210	20	120	120
MLR02	2	8	2	2	2
MLR03	3	10	1	1	1
MLR04	6	100	1	1	1
MLR05	3	10	1	1	1
MLR06	11	12	4	1	1
MLR07	2	100	1	1	1
MLR08	100	10	4	1	1
MLR09	15	10	1	1	1
MLR10	15	10	1	1	1
MLR11	4	2	1	1	1
MLR12	15	10	1	1	1
MLR13	4	1	1	1	1
MLR14	10	10	1	1	1
MLR15	10	10	1	1	1
MLR16	10	10	1	1	1
MLR17	10	10	1	1	1
MLR18	10	10	1	1	1
MLR19	10	10	1	1	1
MLR20	10	10	1	1	1
MLR21	10	10	1	1	1
MLR22	10	10	1	1	1
MLR23	10	10	1	1	1
MLR24	10	10	1	1	1
MLR25	10	10	1	1	1
MLR26	10	10	1	1	1
MLR27	10	10	1	1	1
MLR28	10	10	1	1	1
MLR29	10	10	1	1	1
MLR30	10	10	1	1	1
MLR31	10	10	1	1	1
MLR32	10	10	1	1	1
MLR33	10	10	1	1	1
MLR34	10	10	1	1	1
MLR35	10	10	1	1	1
MLR36	10	10	1	1	1
MLR37	10	10	1	1	1
MLR38	10	10	1	1	1
MLR39	10	10	1	1	1
MLR40	10	10	1	1	1
MLR41	10	10	1	1	1
MLR42	10	10	1	1	1
MLR43	10	10	1	1	1
MLR44	10	10	1	1	1
MLR45	10	10	1	1	1
MLR46	10	10	1	1	1
MLR47	10	10	1	1	1
MLR48	10	10	1	1	1
MLR49	10	10	1	1	1
MLR50	10	10	1	1	1

- LEGEND**
- Main Road
  - Minor Road (indicated)
  - Track (unindicated)
  - Railway
  - Creek
  - Contour 1:1 = 20m
  - 1:50 Sx1.5
  - 1:10
  - 30
  - Quartz Reef
  - Altered Workings
  - Creek Anomalous BLEB
  - Creek Anomalous S17A
  - Creek Anomalous AS
  - GRID OUTLINE
  - DRILLHOLE - DIAMETER (NEEDS SITE)
  - GN 20m
  - MB
  - CONTRACT
  - ML
  - MINE DIRECTION / DIP UNKNOWN
  - (x) MLR7
  - + 2001

**Rock Chip Assays (1997)**

Sample	As	Fe	Pb	Cu	Zn
2000	11	42	4	1	1
2001	11	42	4	1	1
2002	20	120	20	1	1

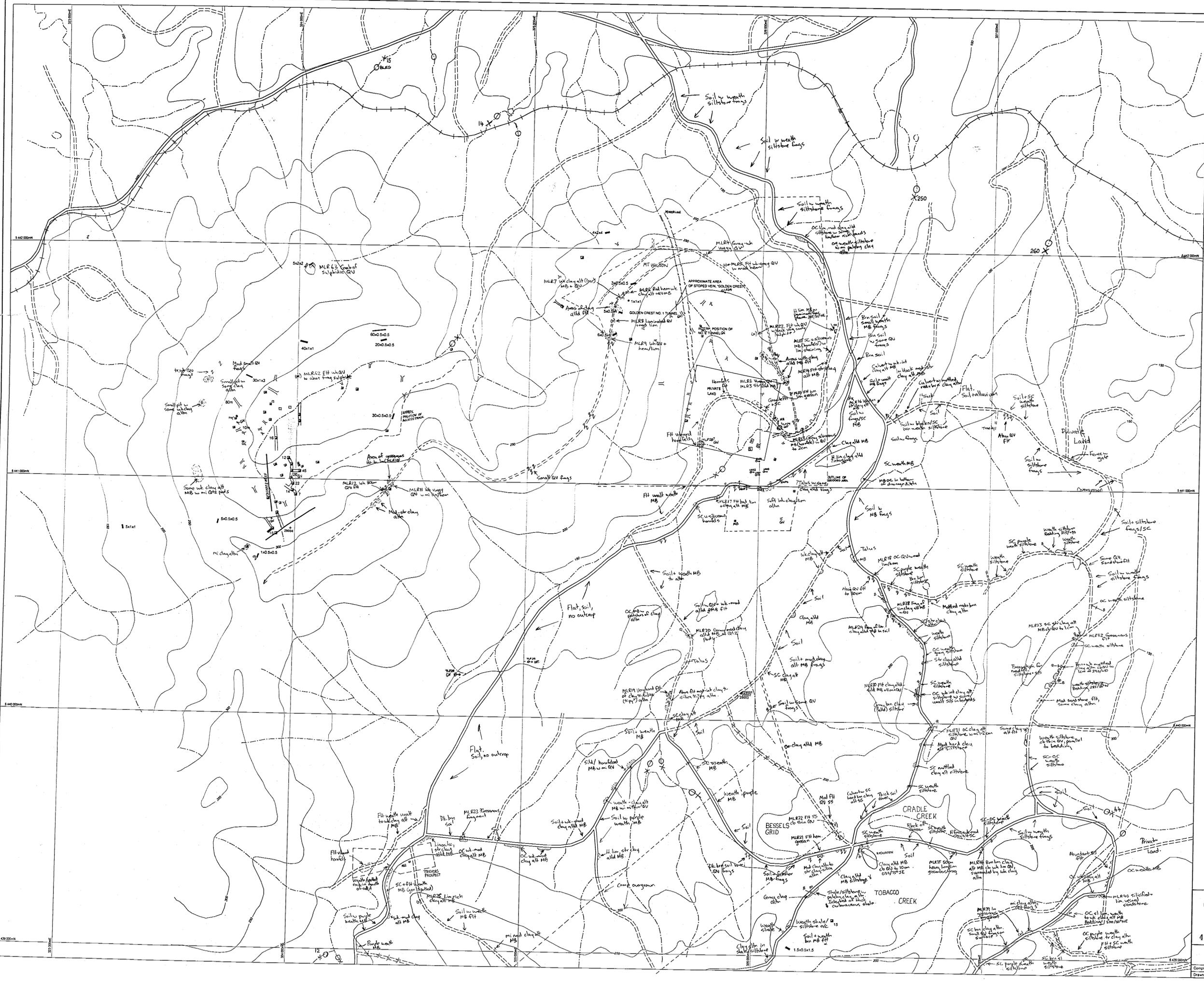
Compiled from 1:25,000 Topographic Sheet entry, and from Aerial Photographs

**MACMIN N.L.**  
 1321 - GOLDEN A GOLDEN  
 NORTHWEST TASMANIA  
 E.S. 2/99 - 1321

**GEOLOGY FACT MAP**  
 402097 SHEET 1

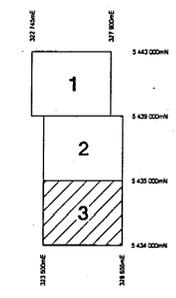
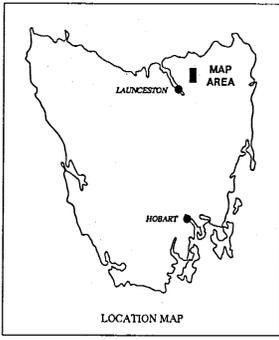
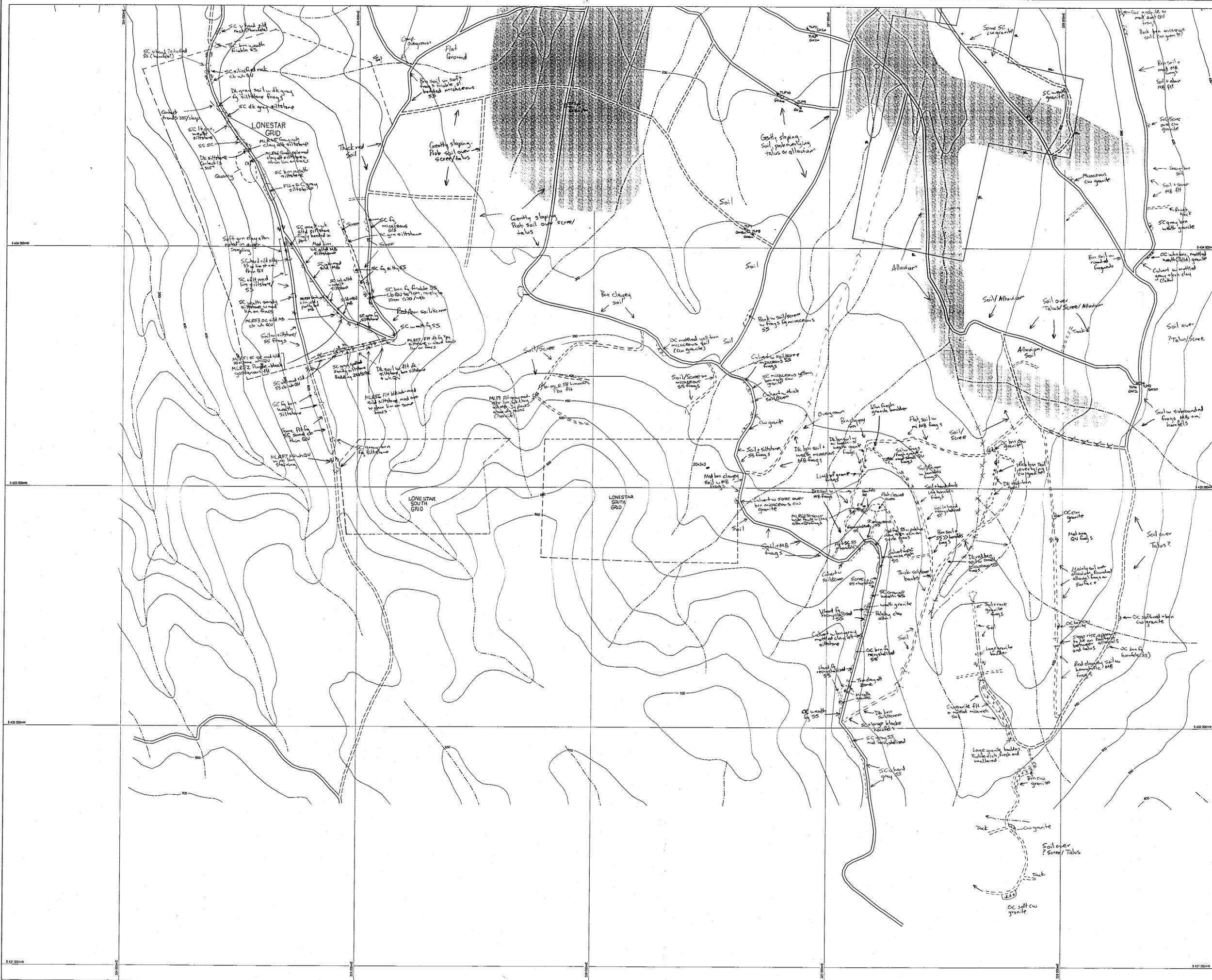
SCALE 1:5 000

Compiled: MARTIN LUCAS, Date: JUNE/JULY 1997, PLATE  
 Drawn: NORTHPOINT CARTOGRAPHICS, Date: No. LESLIE DGN, PLAN 4  
 PI AN 4



**97-4048**  
 1321 - GOLDEN A GOLDEN  
 NORTHWEST TASMANIA  
 E.S. 2/99 - 1321





**ROCK CHIP SAMPLING RESULTS**  
Macleod Lode, area 197

Sample	Au	Ag	Pb	Cu	Zn
MLR26	1.120	0.00	0.00	0.00	0.00
MLR27	1.44	0.00	0.00	0.00	0.00
MLR28	1.12	0.00	0.00	0.00	0.00
MLR29	1.12	0.00	0.00	0.00	0.00
MLR30	1.12	0.00	0.00	0.00	0.00
MLR31	1.12	0.00	0.00	0.00	0.00
MLR32	1.12	0.00	0.00	0.00	0.00
MLR33	1.12	0.00	0.00	0.00	0.00
MLR34	1.12	0.00	0.00	0.00	0.00
MLR35	1.12	0.00	0.00	0.00	0.00
MLR36	1.12	0.00	0.00	0.00	0.00
MLR37	1.12	0.00	0.00	0.00	0.00
MLR38	1.12	0.00	0.00	0.00	0.00
MLR39	1.12	0.00	0.00	0.00	0.00
MLR40	1.12	0.00	0.00	0.00	0.00
MLR41	1.12	0.00	0.00	0.00	0.00
MLR42	1.12	0.00	0.00	0.00	0.00
MLR43	1.12	0.00	0.00	0.00	0.00
MLR44	1.12	0.00	0.00	0.00	0.00
MLR45	1.12	0.00	0.00	0.00	0.00
MLR46	1.12	0.00	0.00	0.00	0.00
MLR47	1.12	0.00	0.00	0.00	0.00
MLR48	1.12	0.00	0.00	0.00	0.00
MLR49	1.12	0.00	0.00	0.00	0.00
MLR50	1.12	0.00	0.00	0.00	0.00

- LEGEND**
- == Main Road
  - Minor Road (locals)
  - - - - - Track (unsealed)
  - Railway
  - - - - - Creek
  - Contour (C.I. = 50m)
  - 1:540:5:1:5 Three (extension as shown) with length & width (depth) (m)
  - 1:15 Dip with length (m), if known (extension as shown)
  - 1:20 Dip with length (m), if known (extension as shown)
  - Quarre Reef
  - Alluvial Workings
  - ML ML BOUNDARY
  - CREEK ANOMALOUS GOLD SS (NOT SAMPLE SITE)
  - CREEK ANOMALOUS ARSENIC SS (NOT SAMPLE SITE)
  - GRID OUTLINE
  - MB MATHEMATICAL BED
  - CONTACT
  - GRANITIC ROCK
  - BELIEVED WITH DIRECTION
  - WIRE DIRECTION (DIP UNKNOWN)
  - (\*) MLR27 Rock Chip Sample Location (1997, with sample number (MLR27, MLR27))

**97-4048**

ANNUAL REPORT - ISSUE - EL 392  
MACMIN N.L. VOLS OF 2  
D HALL

Compiled from 1:25,000 Topographic Sheet enlargements and from Aerial Photographs (Macleod)



**MACMIN N.L.**  
12511 - GOLDFIELDS GOLDWELDS  
NORTHWEST TASMANIA  
P.O. BOX 100 - LINDSAY  
**GEOLOGY FACT. MAP**  
402093 SHEET 3

SCALE 1:5,000  
0 100 200 300 400 500  
Compiled: MARTIN LUCAS | Drawn: JUNE/JULY 1997 | PLATE  
Drawn: NORTHPOINT CARTOGRAPHICS | Draw No.: LESL033.DGN

Baseline results for samples 25297 - 25320  
(skip 30 metres between 25317 - 25319)

25297	1	230	17	11	18
25298	1	310	19	12	17
25299	9	170	25	16	12
25300	10	410	24	22	16
25301	10	340	32	20	17
25302	5	230	25	22	18
25303	1	110	26	24	20
25304	60	180	26	27	27
25305	10	200	26	19	25
25306	7	280	40	23	32
25307	63	49	32	24	24
25308	35	500	44	10	15
25309	44	390	31	10	21
25310	7	230	19	11	17
25311	7	390	21	12	23
25312	12	360	22	17	22
25313	44	370	30	24	26
25314	25	420	41	25	28
25315	23	430	38	28	33
25316	2	100	19	17	21
25317	1	105	19	16	28
25318	14	330	29	24	24
25319	7	270	26	26	25
25320	3	105	14	16	20

25296	1	41	31	18	13
25295	5	42	28	14	12
25294	7	20	24	16	14
25293	15	15	20	21	15
25292	1	18	40	18	15
25291	2	42	54	22	16
25290	6	49	44	39	32
25289	4	48	33	35	25
25288	1	82	42	49	24
25287	1	70	44	35	24
25286	3	77	22	36	37
25285	1	43	19	25	28
25284	4	56	19	21	22
25283	15	45	32	19	37
25282	3	73	33	25	42
25281	7	91	32	29	32
25280	8	72	56	30	26
25279	12	58	39	33	40
25278	40	250	17	18	21
25277	10	150	41	21	23
25276	10	210	24	20	32
25275	15	150	17	15	22
25274	5	126	20	17	23
25273	200	23	24	28	28
25272	10	270	33	23	37
25271	15	200	22	25	38
25270	10	440	35	23	43
25269	10	200	25	22	37
25268	7	210	16	15	28
25267	2	150	12	13	23
25266	3	240	16	23	23
25265	360	17	27	28	28
25264	15	200	15	24	29
25263	7	178	18	19	28
25262	5	145	15	23	32
25261	7	145	20	25	37
25260	10	170	19	24	34
25259	10	175	17	16	26
25258	8	200	22	14	31
25257	10	300	25	23	28
25256	10	300	17	17	37
25255	14	270	20	26	36
25254	24	96	18	18	33
25253	2	200	21	19	31
25252	1	110	18	19	37
25251	7	230	20	20	30
25250	8	155	25	23	31
25249	13	490	25	23	32
25248	200	22	22	20	20
25247	3	850	31	20	34

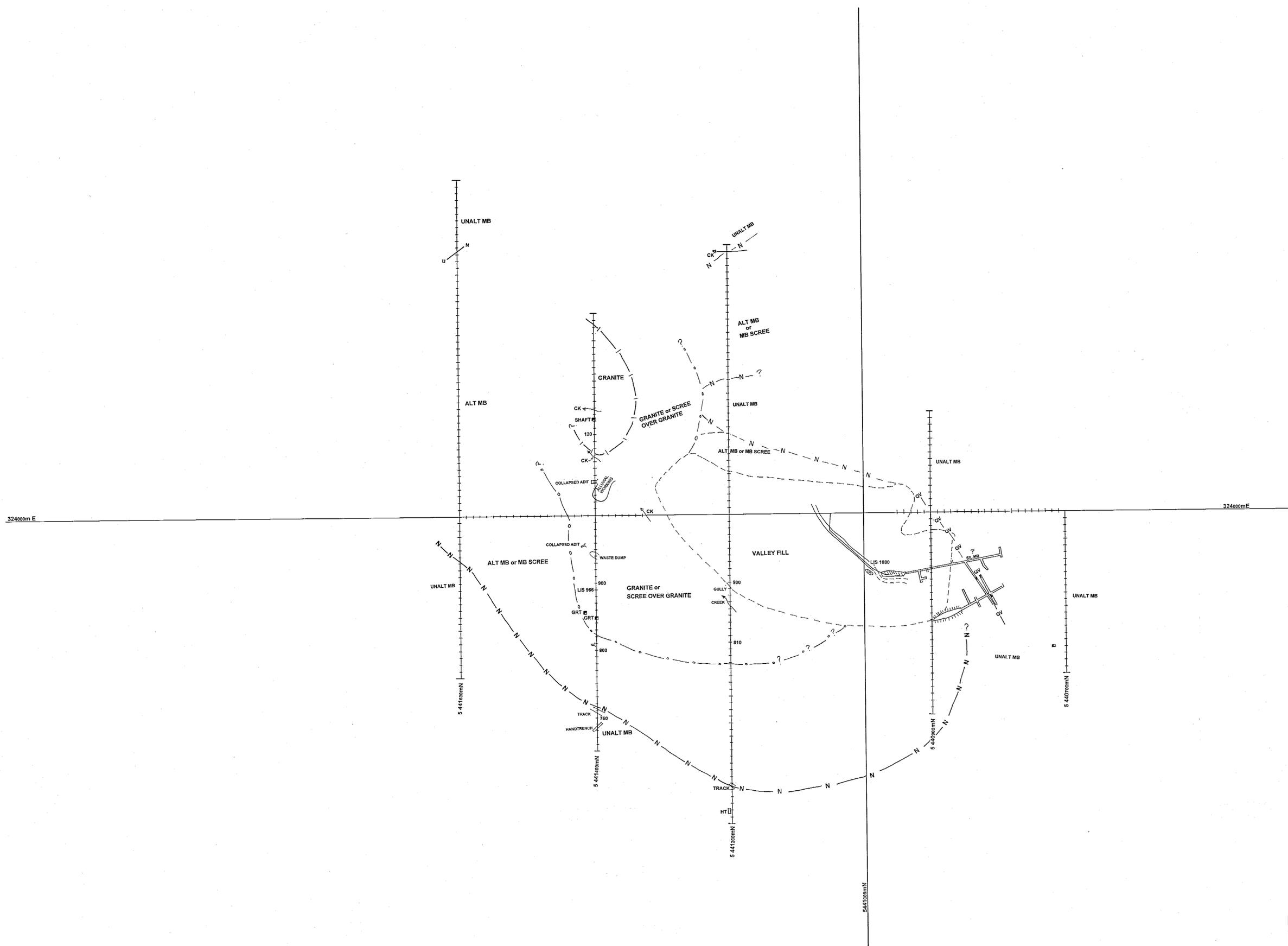
25155	1	71	18	4	11
25152	1	96	15	9	15
25153	19	200	22	16	23
25154	3	140	17	12	16
25156	1	100	17	9	14
25156	1	115	25	15	22
25157	1	135	25	14	22
25158	2	115	16	11	20
25159	2	90	9	6	18
25160	8	30	16	12	21
25161	8	93	17	14	27
25162	11	130	16	11	26
25163	1	86	13	6	17
25164	2	69	15	8	26
25165	4	51	15	10	24
25166	2	230	22	12	42
25167	6	96	26	19	28
25168	7	105	19	12	18
25169	6	82	18	8	17
25170	11	220	23	22	42
25171	13	380	23	24	30
25172	7	130	21	8	20
25173	12	165	25	14	30
25174	17	370	20	17	33
25175	12	300	29	28	27
25176	10	185	24	21	26
25177	3	135	18	16	21
25178	16	300	23	27	29
25179	31	185	25	22	27
25180	3	150	22	23	26
25181	1	100	15	23	31
25182	1	105	21	21	29
25183	1	76	19	20	25
25184	1	60	19	15	22
25185	1	65	15	22	29
25186	1	62	13	21	23
25187	1	62	21	19	20
25188	1	65	14	19	20
25189	4	58	16	24	21
25190	1	82	22	20	27
25191	1	89	19	22	27
25192	1	110	17	14	21
25193	1	65	22	12	18
25194	3	115	22	16	20
25195	8	280	19	22	27
25196	12	370	26	19	18
25197	4	320	20	14	19
25198	8	460	24	21	23
25199	2	370	27	21	23
25200	3	330	19	16	26
25201	21	550	31	21	19
25202	2	340	15	13	17
25203	2	300	16	17	24
25204	1	400	13	20	25
25205	1	300	15	17	20
25206	1	240	13	5	15
25207	1	500	18	17	22
25208	1	470	22	13	19
25209	2	300	16	12	12
25210	8	700	16	23	23
25211	1	390	20	12	18
25212	7	500	23	16	30

25160	1	96	18	11	13
25140	12	140	18	16	13
25148	9	150	24	18	12
25147	3	170	21	14	12
25146	3	140	18	10	12
25145	8	240	20	12	14
25144	5	300	20	12	11
25143	13	320	20	10	11
25142	5	175	1	9	10
25141	7	145	1	8	10
25140	1	100	15	12	14
25139	6	125	21	15	20
25138	1	99	13	10	11
25137	2	170	15	9	9
25136	6	140	25	18	18
25135	6	140	23	12	11
25134	1	120	11	7	10
25133	2	170	15	9	9
25132	3	100	16	7	8
25131	6	250	18	11	11
25130	7	300	19	22	18
25129	2	220	20	14	14
25128	8	230	12	17	12
25127	16	230	46	24	25
25126	16	600	44	20	19
25125	6	290	75	19	16
25124	8	320	24	13	18
25123	6	460	120	28	26
25122	1	180	20	12	18
25121	4	115	21	11	16
25120	18	140	24	11	18
25119	8	140	20	9	14
25118	4	100	23	6	13
25117	1	140	25	10	15
25116	1	125	16	7	16
25115	1	135	15	3	12
25114	1	105	21	7	17
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25111	1	220	28	10	14

Baseline results for samples 25321 - 25344

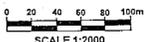
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25322	1	17	21	24	42
25323	2	16	20	25	53
25324	1	7	16	14	28
25325	3	33	29	24	24
25326	1	24	27	28	28
25327	2	39	29	24	34
25328	2	105	25	22	22
25329	1	17	14	11	17
25330	1	61	21	28	21
25331	2	60	22	19	24
25332	5	61	19	25	28
25333	5	89	24	25	27
25334	5	105	27	25	21
25335	3	105	19	14	23
25336	4	125	14	16	25
25337	8	175	20	25	38
25338	20	300	22	29	21
25339	22	89	28	16	16
25340	35	450	81	22	22
25341	31	260	30	32	28
25342	1	82	20	23	28
25343	29	340	24	27	27
25344	10	170	14	8	14

25026	1	105	24	13	22
25027	1	240	20	10	22
25028	17	310	24	40	37
25029	6	72	20	7	15
25030	5	145	22	12	24
25031	1	115	19	14	24
25032	12	240	21	28	28
25033	12	330	27	20	24
25034	10	300	20	22	27
25035	1	310	25	22	19
25036	21	260	34	21	17
25037	41	330	29	16	18
25038	14	115	27	9	12
25039	25	200	21	9	16
25040	23	220	28	10	14
25041	1	100	20	14	14
25042	22	440	45	13	17
25043	8	180	25	9	19
25044	7	110	21	8	22
25045	1	92	18	7	19
25046	3	87	23	5	20
25047	4	48	17	3	15
25048	1	54	21	14	28
25049	1	55	19	16	32
25050	1	43	26	14	28
25051	1	40	17	4	23
25052	6	100	17	4	13
25053	7	185	19	9	16
25054	7	185	32	8	14
25055	5	92	14	4	14
25056	1	67	22	2	16
25057	1	96	23	2	17
25058	13	500	23	14	21
25059	6	210	21	6	12
25060	1	200	24	4	14
25061	3	290	19	20	20
25062	6	230	20	9	16
25063	5	230	22	14	19
25064	4	160	14	13	19
25065	1	115	17	11	16
25066	1	180	28	19	22
25067					

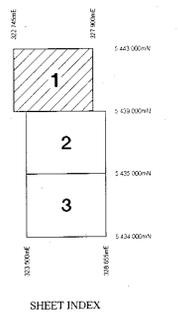
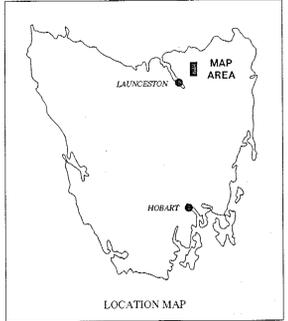
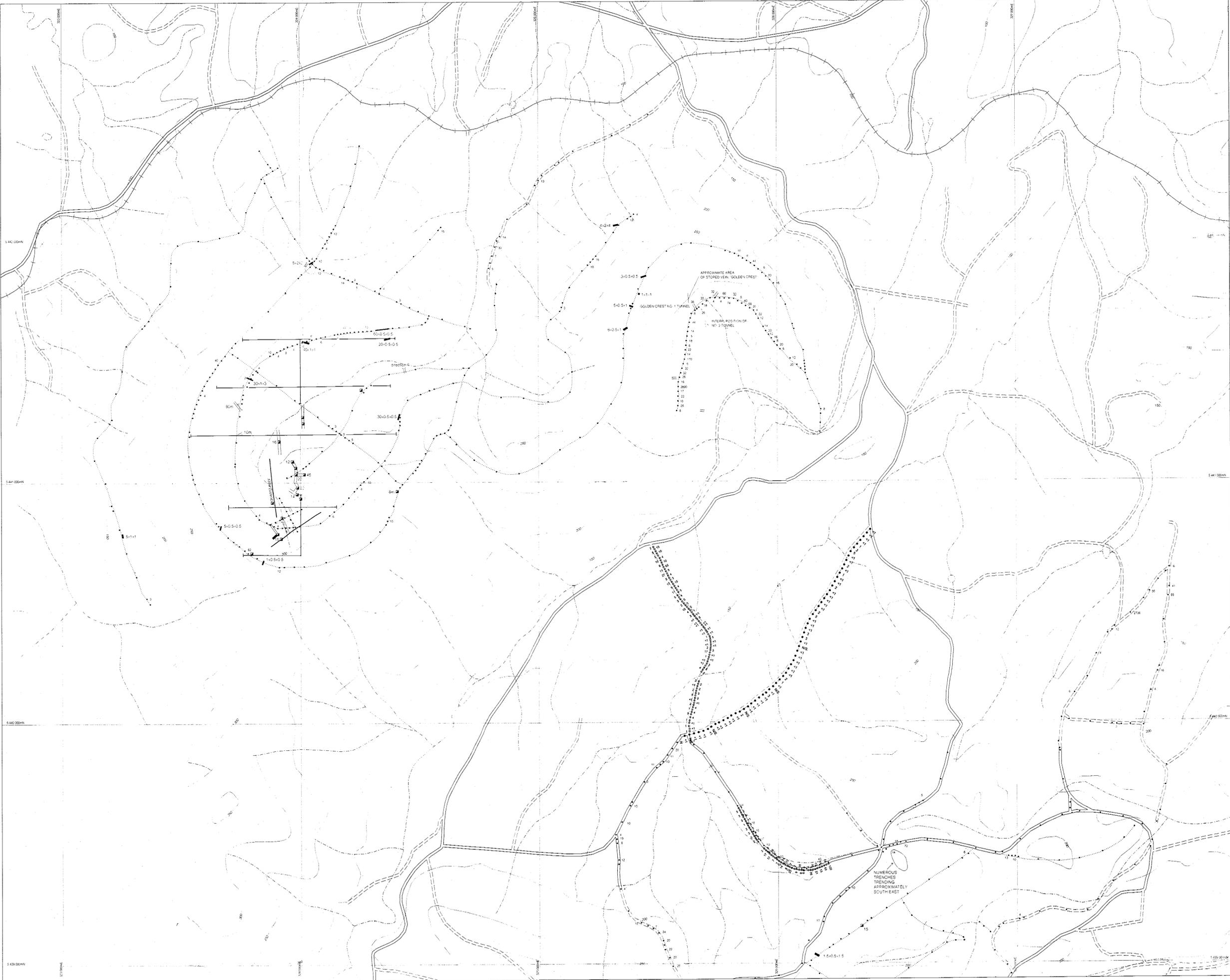


97-4048

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MACMIN NL VOL 3 OF 2  
D'HALL



MACMIN / NEW GUINEA GOLD JOINT VENTURE			
402101	EL 2/92 LISLE		
INFERRED GEOLOGY			
5m			
SCALE 1:2000	JULY 1997	T. GRIGSON	PLAN 7A



- LEGEND**
- Main Road
  - Minor Road (sealed)
  - - - Track (unsealed)
  - Railway
  - Creek
  - Contour (C2 = 50m)
  - 1:5x0.5x1.5 Trench (orientation as shown) with length & width & depth (m)
  - 5x5 Shaft with depth (m) (if known)
  - 30 Adit with length (m) (if known) orientation as shown
  - Quarz Roof
  - Alluvial Workings
  - ..... Sample Traverses (20m interval)
  - Grid assay result (ppb)
  - 23 Auger Sample Location (1997) with Assay (ppb)
  - 34 Soil Sample Location (1997) with Assay (ppb)

Compiled from 1:25 000 Topographic Sheet enlargements and from Aerial Photograph blowups




**MACMIN N.L.**  
 LISLE - GOLCONDA GOLDFIELDS  
 NORTHWEST TASMANIA  
 T.S. 25/95 - LISLE

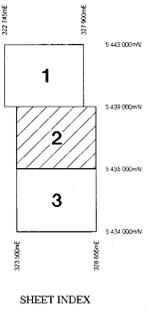
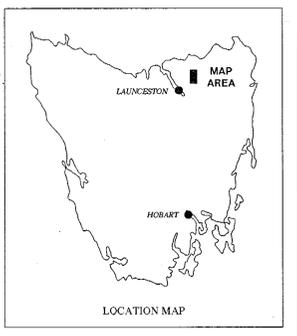
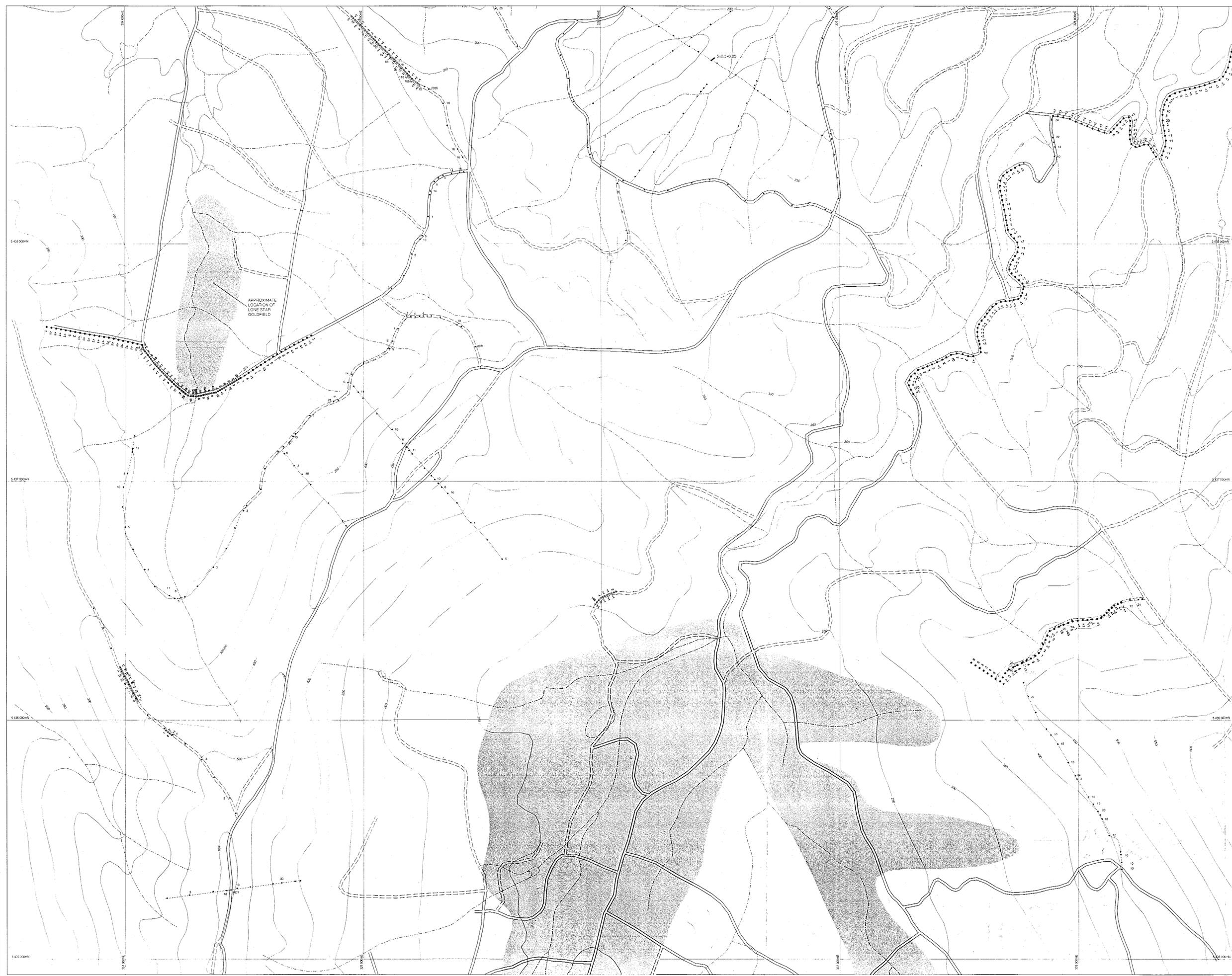
**402102 GOLD ASSAYS**  
 Recon. Soil 1995 - Soil (1997), Auger (1997)  
 Sheet 1

SCALE 1:5 000  
 0 100 200 300 400 500  
 metres

Compiled: \_\_\_\_\_ Date: \_\_\_\_\_ PLATE: \_\_\_\_\_  
 Drawn: NORTHPOINT CARTOGRAPHICS | Dwg. No.: LISLEB01 DGN

PLAN 8

97-4048  
 ANNUAL REPORT - LISLE - BEL 292  
 MACMIN N.L. VOL 1 OF 1

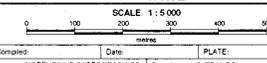


- LEGEND**
- Main Road
  - Minor Road (sealed)
  - - - - - Track (unsealed)
  - - - - - Railway
  - ~~~ Creek
  - Contour (C.I. = 5m)
  - 1.5x0.5x1.5 Trench formation as shown with length x width x depth (m)
  - 10 Shaft with depth (m), if known
  - 30 Adit with length (m), if known
  - Quartz Reef
  - Alluvial Workings
  - Sample Traverse (20m interval)
  - 64 Gold assay result (g/t)
  - 23 Auger Sample Location (1997) with Assay (g/t)
  - 34 Soil Sample Location (1997) with Assay (g/t)

Compiled from 1 : 25 000 Topographic Sheet enlargements and from Aerial Photograph blowups

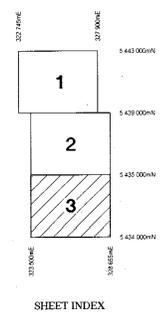
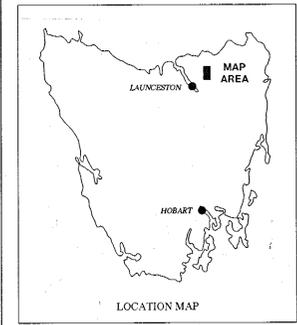


**MACMIN N.L.**  
 LUNN - GOSCONIA GOLDFIELDS  
 NORTHWEST TASMANIA  
 402103 **GOLD ASSAYS**  
 Recon. Soil 1995, Soil (1997), Auger (1997)  
 Sheet 2



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 Drawn: NORTHPOINT CARTOGRAPHICS Dwg. No.: L5LEB02 DGN

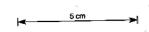
97-4048  
 ANNUAL REPORT - LUNN - GOSCONIA GOLDFIELDS  
 NORTHWEST TASMANIA  
 SHEET 2 OF 2  
 0 SCALE



**LEGEND**

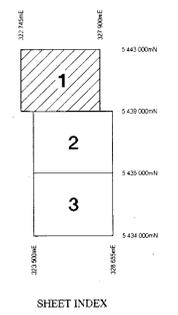
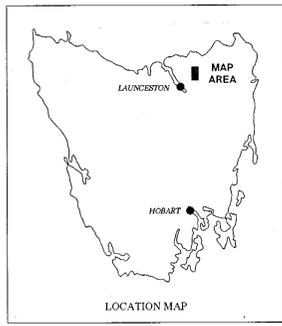
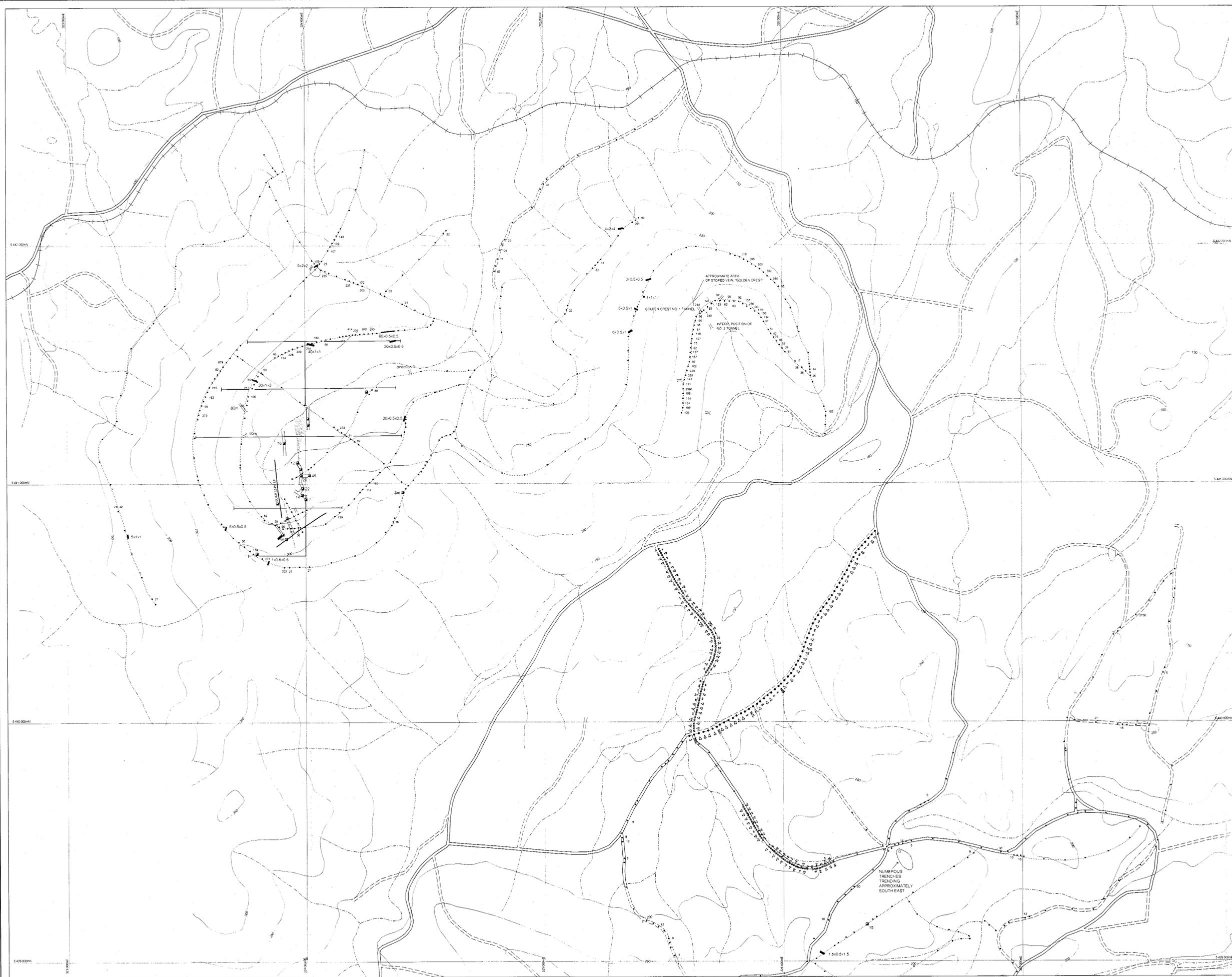
- Main Road
- Minor Road (sealed)
- - - - - Track (unsealed)
- Railway
- Creek
- Contour (C.I. = 50m)
- Trench formation as shown with length & width & depth (m)
- Shaft with depth (m), if known
- Adit with length (m), if known (orientation as shown)
- Quartz Reef
- Alluvial Workings
- Sample Traverse (20m interval)
- 46 Gold assay result (ppb)
- 23 Auger Sample Location (1997) with Assay (ppb)
- 24 Soil Sample Location (1997) with Assay (ppb)

Compiled from 1 : 25 000 Topographic Sheet enlargements and from Aerial Photograph blowups



**MACMIN N.L.**  
 LEVELS • QUANTITIES • QUALITY  
 "ACHIEVING THE IMPOSSIBLE"  
 1111 1111 1111 1111  
**GOLD ASSAYS**  
 Recon. Soil 1985, Soil (1987), Auger (1997)  
 Sheet 3  
 SCALE 1 : 5 000  
 0 100 200 300 400 500  
 metres  
 Compiled: \_\_\_\_\_ Date: \_\_\_\_\_ Plate: \_\_\_\_\_  
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 D.HALL



- LEGEND**
- Main Road
  - Minor Road (sealed)
  - Track (unsealed)
  - Railway
  - Creek
  - Contour (C.L. + 50m)
  - Trench orientation as shown with length x width x depth (m)
  - Shaft with depth (m) if known
  - Adit with length (m) if known
  - Quartz Reef
  - Alluvial Workings
  - Sample Traverse (20m interval)
  - Arsenic assay result (ppb)
  - Auger Sample Location (1997) with Assay (ppm)
  - Soil Sample Location (1997) with Assay (ppm)
  - Rock Chip Sample Location (1997) with sample number (ML\*\*MLR\*\*)
  - Rock Chip Sample Location (1997) with sample number

Compiled from 1:25,000 Topographic Sheet enlargements and from Aerial Photograph blowups

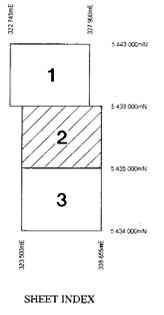
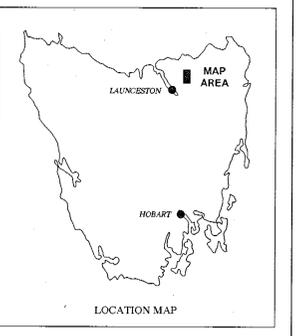
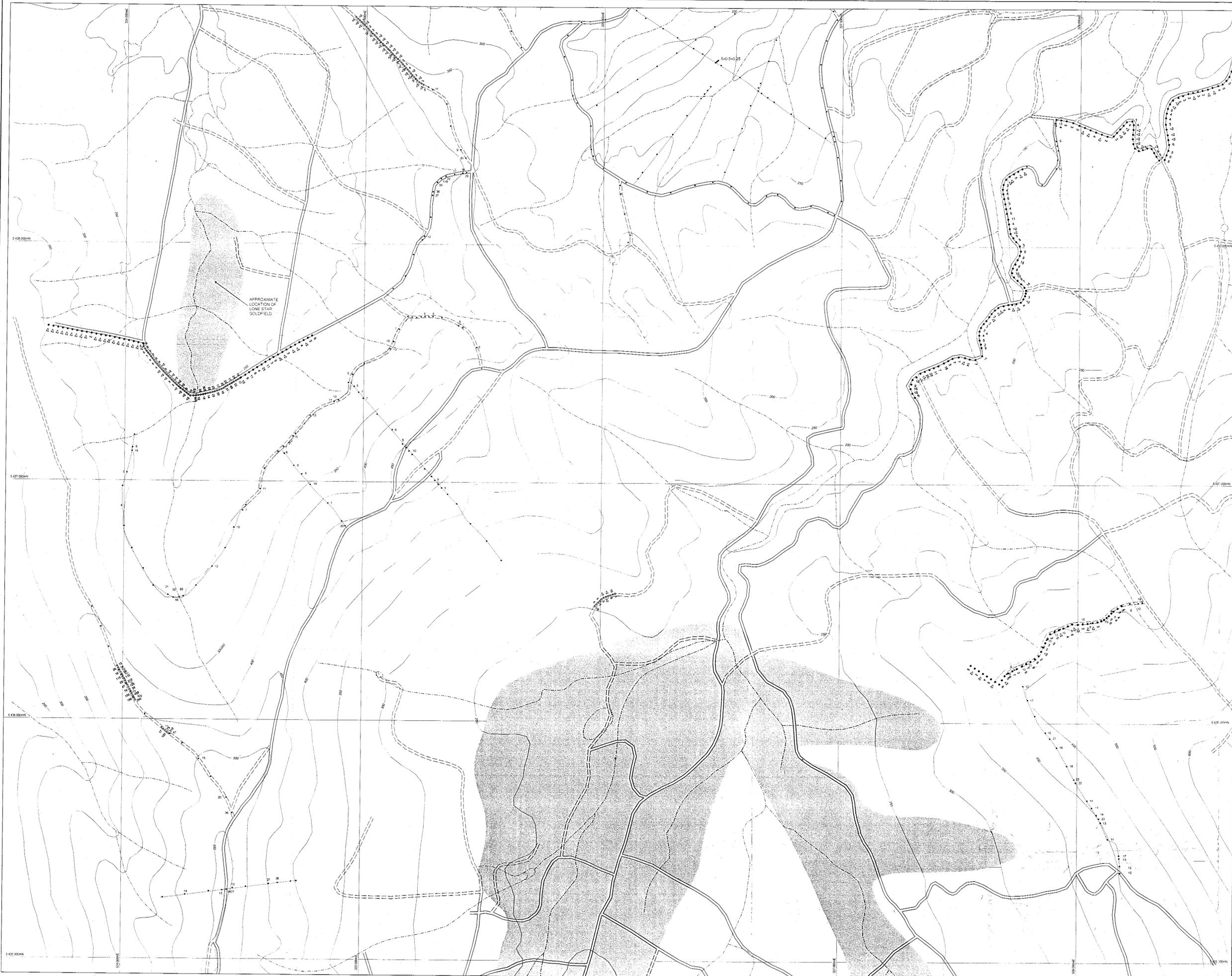
5 cm

**MACMIN N.L.**  
 ARSENIC ASSAYS  
 Recon. Soil 1986, Soil (1997), Auger (1997)  
 402105 Sheet 1

SCALE 1:5,000  
 0 100 200 300 400 500  
 metres

Compiled: P. McN. G. MacD. Date: JULY 1995 PLATE:  
 Drawn: NORTHPOINT CARTOGRAPHICS Dwg. No.: LISLEBY.DGN

97-4048  
 ANNUAL REPORT - ISSUE 03 2002  
 MACMIN N.L. VOLUME 023  
 D11411



- LEGEND**
- Main Road
  - Minor Road (sealed)
  - Track (unsealed)
  - Railway
  - Creek
  - Contour (2.1 x 50m)
  - Trench (orientation as shown) with length x width x depth (m)
  - Shaft with depth (m) (if known orientation as shown)
  - Quartz Reef
  - Alluvial Workings
  - Sample Traverser (20m interval)
  - Arsenic assay result (ppb)
  - Auger Sample Location (1997) with Assay (ppm)
  - Soil Sample Location (1997) with Assay (ppm)

Compiled from 1 : 25 000 Topographic Sheet enlargements and from Aerial Photograph blowups



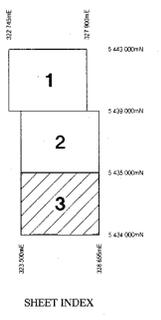
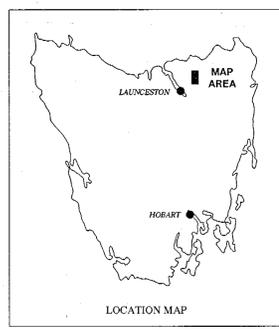
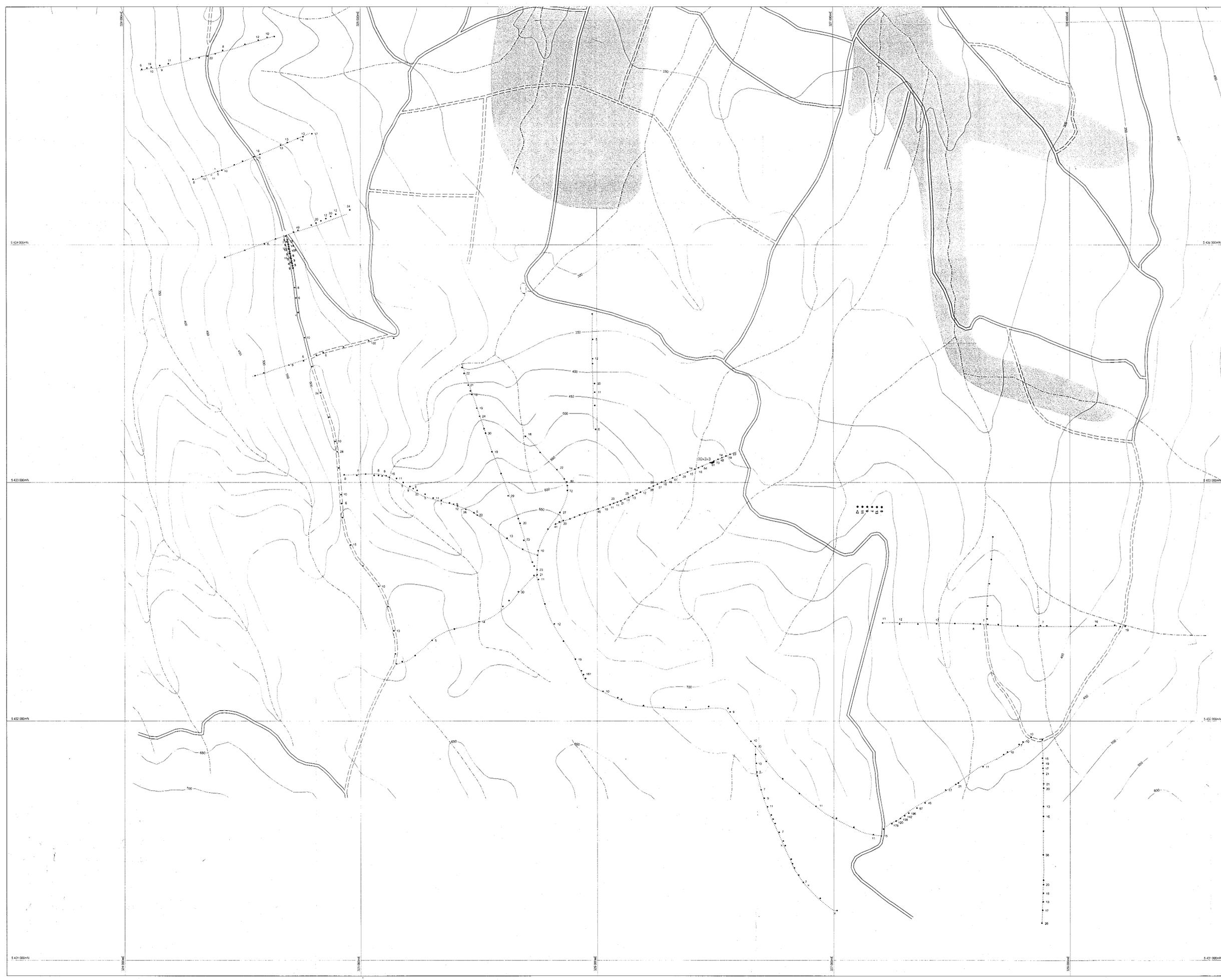
**MACMIN N.L.**  
 LIME - GYPSUM GOLDMINE  
 NORTHWEST TASMANIA  
 402106 **ARSENIC ASSAYS**  
 Recon. Soil 1995, Soil (1997), Auger (1997)  
 Sheet 2

SCALE 1 : 5 000

0 100 200 300 400 500  
 metres

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 Drawn: NORTH-POINT CARTOGRAPHICS Dwg. No.: LISLE02.DGN

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- LEGEND**
- Main Road
  - Minor Road (solid)
  - Track (dashed)
  - Railway
  - Creek
  - Contour (2.5m interval)
  - Trench (arrow as shown) with length x width x depth (m)
  - Shaft with depth (m), (if known)
  - Adit with length (m), (if known)
  - Quartz Reef
  - Alluvial Workings
  - Sample Traverse (20m interval)
  - Assay result (ppb)
  - Auger Sample Location (1997) with Assay (ppm)
  - Soil Sample Location (1997) with Assay (ppm)

Compiled from 1 : 25 000 Topographic Sheet enlargements and from Aerial Photograph blowups



**MACMIN N.L.**  
 LISLE - GOLDENLAND - GOLDENHURST  
 NORTHWEST TASMANIA  
 T.S. 2000 - 2002

**402107 ARSENIC ASSAYS**  
 Recon. Soil 1996, Soil (1997), Auger (1997)  
 Sheet 3

SCALE 1 : 5 000

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 Drawn: NORTHPOINT CARTOGRAPHICS Dwg. No.: LISLE93.DGN

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 ANNUAL REPORT 1995-1996  
 MACMIN N.L. VOL 2, P. 202  
 D. BELL