WILGA MINES N.L.

LEGUNE ZINC PROSPECT
(EL 7832)

ANNUAL REPORT FOR YEAR
TO OCTOBER 1994

November 1994

DISTRIBUTION

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16 December 1994

The Mining Registrar
NT Department of Mines and Energy
GPO Box 2901
DARWIN NT 0801

Attention: Ms Michelle Kemp

Dear Ms Kemp

RE: EXPLORATION LICENCE 7832

The Annual report on this licence has been submitted recently. This incorporates a record of all work carried out in the licence during the period 25th October 1993 to 24th October 1994. We now provide:

- An estimate of expenditures for the period 25th October 1994 to 24th October 1995 and a brief summary of proposed work.

Proposed work Programme (1994-1995)

- Completion of GVP analysis of composite soil samples collected during 1994.
- GVP analysis of primary sub samples in areas of anomalism in composite samples.
- RC and diamond drilling of targets defined by conventional and GVP geochemistry.
- Possible IP surveys.

Proposed 1994-1995 Budget

The proposed budget for the 1994-1995 programme is as follows:

1.	Data compilation and review		3000
2.	Surface geochemical sampling		2000
3.	Assays		15000
4.	Travel costs		2600
5.	Food and accommodation		2400
6.	Vehicle hire and running costs		3000
7.	Drilling		30000
8.	Freight		3500
9.	Report preparation and drafting		4000
		Sub Total	65500
10.	Administration and Management (20%)		13100
		Total	78600

Please do not hesitate to contact me at the above address if any further information is required.

Yours faithfully

D.C. GELLATLY
Manager

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SUMMARY

Wilga Mines N.L. completed regional soil sampling over the Legune prospect which included samples being submitted for gas vapour phase (GVP) and conventional geochemical analysis. New zones with anomalous Zn and Pb in soils and two new gossan occurrences have been located in the EL.

Wilga employed a consultant to continue the drill data base compilation initiated in 1993. The data base is still incomplete although only about 5% of drill information has yet to be located (esp. NBC -3000 series).

Summary logs of some of the previous Ochre Mine drilling were prepared in an attempt to determined the Milligans Formation-Burt Range Formation contact position and to rationalise the stratigraphy of the Legune area. A brief review of the stratigraphy and an interpretation are presented.

In addition fillet analysis was carried out on previously drilled core that had not been assayed.

An attempt was made to access drilling equipment into the Ochre Mine area. One of the gossans located during the regional sampling exercise was targeted. The six wheel drive twin-steer water truck was unable to negotiate the loose sandy conditions and drilling had to be postponed. Further work is proposed.

1 INTRODUCTION

Exploration for carbonate hosted base metal sulphide mineralisation within the Northern Territory portion of the Bonaparte Gulf Basin continued during the 1994 field season.

The Legune area (Figure 1) was assessed by virtue of a regional soil sampling programme which covered EL 7832 and extended to the southwest and included adjoining Wilga Mines N.L. tenements. Gas Vapour Phase (GVP) and conventional analytical techniques were used to assist in the definition of prospective areas which may have been overlooked since systematic sampling had not been undertaken by any of the previous explorationists.

A second objective of the 1994 field season was to lay to rest the uncertainties surrounding the Ochre Mine stratigraphy. Considering that previous drilling had highlighted this portion of EL7832 as prospective, it was deemed essential to understand the area's stratigraphy prior to drillhole planning.

2 TENEMENT AND OWNERSHIP

Wilga Mines N.L. holds EL7832 which was applied for on 8 May 1992 and granted on 21 October for a period of six years.

Wilga Mines, which has sole ownership of EL7832 is a wholly owned subsidiary of Delta Gold N.L.

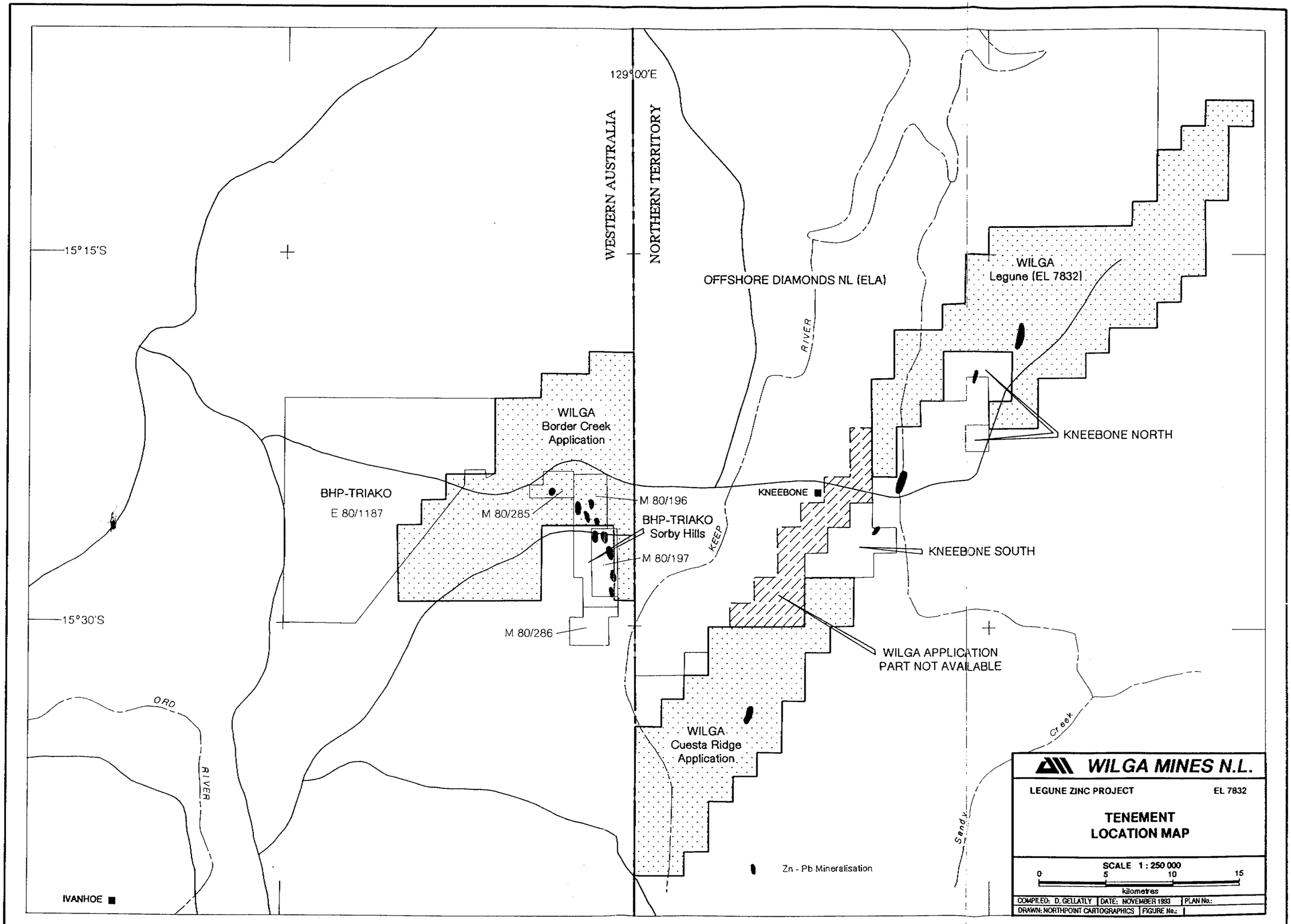
Wilga Mines has other interest located southwest of EL7832 which are prospective for Mississippi Valley Type Pb/Zn mineralisation.

3 GEOLOGY AND MINERALISATION

The Legune tenement area is situated on the eastern margin of the Bonaparte Gulf Basin. A sequence of Devonian and Carboniferous marine sediments which are prospective for base metal sulphides overlie Mid-Upper Proterozoic "basement" arenites.

Gellatly (1993) recognised that the majority of outcropping sediments in the Legune area are sandstone which in part represents dolomitic sandstone from which the carbonate component has been leached. Locally (eg near Wicklow), dolomite may be observed to crop out at the deepest stratigraphic levels along the Ochre Mine - Flapper Hill trend, ie, at the base and on the eastern flank of these outcrops.

On the Northern Territory side of the Bonaparte Gulf Basin mineralisation is confined to the Burt Range Formation dolomites. The mineralised sequence at the Ochre Mine has been assigned by Veevers and Roberts (1968) to the Cockatoo Formation but an alternative interpretation is suggested below.


129°00'E
WESTERN AUSTRALIA
NORTHERN TERRITORY
15°15'S
15°30'S
OFFSHORE DIAMONDS NL (ELA)
WILGA
Legune (EL 7832)
RIVER
WILGA
Border Creek
Application
BHP-TRIAKO
E 80/1187
M 80/285
M 80/196
BHP-TRIAKO
Sorby Hills
M 80/197
M 80/286
KEEP
KNEEBONE
KNEEBONE NORTH
KNEEBONE SOUTH
WILGA APPLICATION
PART NOT AVAILABLE
WILGA
Cuesta Ridge
Application
ORD
RIVER
IVANHOE
Zn - Pb Mineralisation
Sandy
Creek
WILGA MINES N.L.
LEGUNE ZINC PROJECT
EL 7832
TENEMENT
LOCATION MAP
SCALE 1 : 250 000
0
5
10
15
kilometres
COMPILED: D. GELLATLY
DATE: NOVEMBER 1993
PLAN No.:
DRAWN: NORTHPOINT CARTOGRAPHICS
FIGURE No.:

3.1 Palaeozoic Stratigraphy, Ochre Mine to Flapper Hill Area

The Palaeozoic stratigraphy of the Legune area and in particular, the sequence which crops out at the Ochre Mine (Djibitgun) and northeast to Flapper Hill has been problematical for some time. Earliest workers (Noakes et al (1952) and Traves (1955)) mapped part of this sequence as Flapper Hill Sandstone while Veevers and Roberts (1968) mapped a north-south cluster of hills at Djibitgun (530500E/8306200N-8309400N) as the Ragged Range Member of the Cockatoo Formation (Dur) and this interpretation remains as such in the literature to date.

In the 1970's and early 1980's drilling by Aquitaine and St Joe confirmed that holes collared in these outcrops penetrate highly oxidised, non-calcareous but fossiliferous (brachiopods and crinoid stems), friable but variably silicified quartz sandstone, loose sand, clays and cryptocrystalline silica before passing into typical (relatively fresh) arenaceous and/or silty dolomites of the Burt Range Formation on a consistent basis. eg. DDH117, NBC 4032, NBC 4068, NBC 4044, etc (Appendix 1). The early mining industry people were faced with the dilemma of trying to account for the Ragged Range Member occurring at a stratigraphically higher level relative to the Burt Range Formation dolomites. Some opted to refer to the sequence as Enga Sandstone (Cle), eg Heuillon, (1980) while still others ventured to invoke a separate unit, the "Wicklow Sandstone",since the lithologies encountered certainly are not typical of the clean white well sorted lithologies of the Enga Sandstone.

By the late 1980's a considerable drilling data base was available and the sequence was reinterpreted by some Industry personnel (eg Dendle, (1986)) as a "sandy subfacies" at the top of the Burt Range Formation.

This interpretation also favours assigning the outcrops to the Burt Range Formation but the lithologies are considered to be simply the altered equivalents of the Clb (2) litho-types. Carbonate cements were largely removed (Gellatly, 1993) and partially replaced by silica during an intense and penetrative oxidation episode.

Diamond drilling near the Ochre Mine indicates penetrative oxidation (down fractures) occurs to depths in excess of 150 metres and necessarily infers the event was coincident with major uplift and a period of high aridity. It is speculated upon here that the oxidation episode predates Border Creek Formation fluviatile sedimentation and relates specifically to the emergence of northwest Australia (c.f. the Anderson Formation - Grant Group unconformity of the Canning Basin).

This has significant implications for base metal sulphide mineral exploration since oxidation postdates mineralisation. At Djibitgun, zinc occurs primarily as hemimorphite which appears to have been redistributed toward the oxide/sulphide interface and/or the Milligans Formation - Burt Range Formation contact. Exploration in the Legune area might accommodate this fact by concentrating on IP targets or

structural targets in areas of deeper Milligans Formation cover (Figure 2). Deeply weathered and silicified lithologies may represent areas of low prospectivity since zinc especially will probably exist in the oxide form.

Concluding Remarks

The Ochre Mine - Flapper Hill outcrops include deeply weathered arenaceous Burt Range Formation or Clb (2) lithologies. Carbonate cements have been leached out and partially replaced by cryptocrystalline silica. The outcrops do not represent a "sandy subfacies" occurring at the top of the Burt Range Formation (Clb (2)) since the top of the Burt Range Formation is by definition arenaceous.

Earlier difficulties with stratigraphic interpretation have stemmed from a lack of subsurface data and further compounding this problem is the virtually complete oxidation, leaching and alteration of the outcropping succession.

4 LITERATURE SEARCH

During the previous reporting period compilation of a drillhole database for the Northern Territory portion of the Bonaparte Gulf Basin was initiated. During the current reporting period extensive additional literature search was carried out on a large number of reports which have recently become available on NTDME microfiche. The reports accessed for this further literature study are given in Appendix 2. The updated drillhole database is given in Appendix 3. The NBC-3000 series drill logs and results specific to the Legune prospect area have not yet been located so the database remains in an incomplete format. In addition to the appended hard copy, the data are also available in disk form on Excel software.

5 ABORIGINAL SITE SURVEY

In order to ascertain areas of permissible access, a site survey was requested from the Aboriginal Areas Protection Authority in Darwin. This survey was completed in late June 1994 and indicated that all of the hills and some creeks and waterholes within and adjacent to EL7832 are significant to the Traditional Owners and are excluded from the area which is available for specified exploration activities including soil sampling and drilling. A map of these areas is included as Figure 3.

6 SURVEYING

A baseline for control of soil sampling and drillhole locations was surveyed by Warren F Johnson and Associates at Wicklow Star trigonometrical Station and was tied into the BHP Sandy Creek Grid.

Details of the baseline are given in Appendix 4.

529000 mE
530000 mE
531000 mE
8310000 mN
8309000 mN
8308000 mN
100
75
50
25
0
Clm
Clb2
Clb1
?
NBC4025
NBC4017
NBC4013
NBC4043
NBC4052
NBC4009
NBC4005
NBC4006
NBC4049
NBC4016
NBC4015
NBC4014
NBC4012
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NBC4010
NBC4002
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NBC1001
NBC4003
NBC4004
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NBC4020
NBC4039
NBC4030
NBC4021
NBC4019
NBC4018
NBC4007
NBC4008
NBC4042
NBC1002
NBC4041*
NBC4023
NBC1003
NBC4022
NBC4024
NBC4044
OMR035
OMR034
OMR033
OMR026
OMR015
OMR016
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OMR018
OMR019
OMR013
NBC4045
NBC4031
NBC4032
NBC4037*
NBC4038*
OMR020
OMR021
OMR022
OMR023
OMR024
OMR025
DDH121
OMR010
OMR011
NBC4033
NBC4050
NBC1004*
Photolinear
Outcrop Boundary
OMR108
OMR091
OMR090
OMR089
OMR088
OMR087
OMR086
Gossan
NBF4081
NBC1005
DDH117
DDH118
*DDH119
NBC1004
NBF4105

WILGA MINES N.L.		
OCHRE MINE (DJIBITGUN)		
Clb PALEO - SURFACE		
Fig. 2.		
Scale	DATE	SHEET
1:10000	17/11/94	1 of 1
	REF No. DG000983	
	Plotted with MICROMINE	

7 GEOCHEMISTRY

A regional geochemistry programme was implemented in an effort to determine if any prospective areas had been overlooked by previous explorationists who did not utilise systematic geochemical techniques. The Legune tenement was assessed as part of a regional programme that extended from Flapper Hill in the north to south of Rocky Knob. Reconnaissance geochemical sampling undertaken in 1993 pointed to the benefit of using soils as a suitable sampling medium. The systematic approach was also instrumental in locating two previously unrecorded gossanous outcrops: 529200E/8308400N (Djibitgun); and 535350E/8313870N (Landandi).

7.1 Soil Sampling

The soil geochemistry programme was designed with two main objectives:

a) To outline, where possible, outcropping or near surface mineralisation by conventional soil geochemistry.

b) To outline possible concealed mineralisation using GVP analysis which gave encouraging results from orientation surveys in 1993.

A total of 153.5 line-kilometres spread over 38 lines (northings) at 400 metre line spacing were gridded and sampled. In the area south of Wicklow, the newly surveyed baseline was used for control and northings were established with compass and hip-chain. North of Wicklow all work was completed with compass and hip-chain and less control in this area is a consequence.

Soil samples were collected routinely at a depth of 12-15cm at intervals of 100m on the east-west crosslines, and were screened to -2mm in the field. Portions of the primary sample from each site were used to make two composite samples each containing five subsamples, each composite thus representing a 500m interval.

One set of composite samples was despatched to Genalysis Laboratories, screened to -200μ and routinely assayed for Cu, Pb and Zn by Acid digest/AAS (conventional geochemistry). The second composite sample batch was submitted to Magellan Petroleum for Gas Vapour Phase (GVP) analysis. Primary samples were retained for possible future follow-up.

7.1.1 Conventional Geochemistry

A total of 314 composite samples (plus six standards) were submitted to Genalysis. In addition, 686 primary samples were analysed as follow-up to anomalous composites, (Figures 4 and 5, Appendix 5).

On Figures 4 and 5 and Appendix 5 composite samples are represented by the first number of the sample series eg composite 57606 includes 57606, 7, 8, 9 and 10. On Figures 4 and 5 where individual primary samples have been analysed, the composite values have been omitted but these are given in Appendix 5.

Two broadly anomalous areas are recognised by the conventional geochemistry including the previously known Ochre Mine occurrences and an area located on the western side of the Wicklow outcrops (Landandi). The latter had not been recognised prior to the regional sampling exercise. The elevated geochemistry of both locations is coincident with rich red-brown sandy soils derived from highly oxidised, possibly partly gossanous Burt Range Formation lithologies. Sample descriptions are recorded on sample record sheets, Appendix 6.

Although some reasonable drill intercepts have been recorded from the Ochre Mine area (eg NBC 4022, 54-60m, 6m @ 8.45% Zn), oxidation of the mineralisation is a major concern. Sphalerite is exceptionally rare and zinc in the form of hemimorphite prevails.

At Wicklow the majority of previous drilling was collared east of the hills (in what is probably Clb_1) and so the geochemically anomalous trend situated west of the outcrops has not been tested. This area is similar to the Ochre Mine in that strong oxidation and silicification is apparent in both outcrop and drill core (eg NBL 1002, 3 diamond bits for 1.7m!). It is therefore highly likely that base metal sulphide mineralisation has suffered exactly the same fate here as at the Ochre Mine.

Peak assay results for primary samples from the two locations are:

Ochre Mine:	530500E/8306000N (Beta-prospect) 245ppm Zn, 1160ppm Pb
Wicklow:	537700E/8314400N 4400ppm Zn, 78ppm Pb

7.1.2 Gas Vapour Phase Analysis

Composite soil samples from Legune have been submitted to Magellan Petroleum in Brisbane for GVP analysis. However, because of major delays due to a routine overhaul of the Magellan mass spectrometer, followed by technical problems, results have yet to be received.

It is intended, that some individual samples will be submitted as first stage follow-ups. In addition results may be revised by recalculation using different templates and background levels.

Results given in Appendix 7 are revised values from reanalysis of the 1993 samples.

7.2 Rockchip Sampling

Thirty four rockchips were collected from the Legune tenement area during the regional soil sampling programme and submitted to Genalysis Laboratories for Cu, Pb and Zn analysis, (results Appendix 5). Locations are tablulated below:

TABLE 1
ROCKCHIP SAMPLE LOCATIONS

Sample No. (Prefix R)	AMG Co-ordinates		Description	Assays	
	North	East		Zn	Pb
26879	8306000	530400	Breccia, limonite matrix	2050	3600
26881	8307600	527300	Breccia, limonite matrix	720	2300
26882	8308380	529400	Gossan, py boxworks	1120	780
26883	8308400	529200	Limonite	9200	1800
26884	8308400	529200	Limonitic breccia	1080	295
26885	8308400	529200	Breccia, limonite matrix	1700	5000
26886	8308400	529200	Gossanous breccia	1100	390
26887	8308400	529200	Gossanous breccia	2100	280
26888	8308400	529200	Breccia, limonite matrix	1120	390
26889	8308400	529200	Crinoidal breccia c limonite	1250	400
26890	8308400	529330	Limonitic breccia	6200	1000
26891	8308925	531650	Limonitic breccia (silicif)	4100	740
26892	8308925	531650	Fault gauge	5400	2200
26893	8308975	531650	Limonite (silicif)	1600	440
26894	8308975	531650	Limonite	1300	2350
26895	8310000	533200	Limonite	295	80
26896	8310000	533200	Hematitic crinoidal siltst	180	52
26897	8310750	532175	Limonitic breccia	78	56
26898	8310800	535150	Limonitic breccia	740	58
26899	8310800	535150	Limonitic breccia	360	66
26900	8310800	532230	Gossanous arenac breccia	245	31
26901	8310800	535150	Gossan	78	64
26902	8310850	535150	Limonite after pyrite	1600	130
26903	8310850	535150	Breccia c limonite matrix	1650	104
26904	8310850	535150	Silicif dolomite,py boxworks	92	6

26905	8311275	533400	Fe stnd arenac. dolomite	620	11
26906	8311275	533400	Fe/Mn stnd calcar sandst	960	5
26913	8313600	534900	Geothitic sandy gossan	2250	540
26914	8313870	535350	Mn/sand matrix breccia	760	175
26915	8313870	535350	Mn/sand matrix breccia	1250	115
26916	8313870	535350	Mn/sand matrix breccia	450	65
26917	8313600	535100	Geothitic/jarosite rock	600	220
26918	8313640	535100	Geothitic/jarosite rock	2300	1350
26919	8313680	535100	Geothitic/jarosite rock	6000	3500

The procedure of systematic sampling was instrumental in locating two previously unrecorded gossanous breccia zones which were also coincident with conventional soil geochemical anomalies. Peak results derived from the two areas are:

- Djibitgun R26883: 116ppm Cu; 0.92% Zn; 0.18% Pb
- Landandi R26919: 45ppm Cu; 0.60% Zn; 0.35% Pb

7.3 Core Fillet Sampling

Five diamond holes (DDH 114, NBO 1002, NBO 1003, NBC 1002 and NBC 1003) drilled by Aquitaine at Djibitgun which had not been previously sampled or which had been sampled on an irregular basis were relogged and fillet sampled, (assay results Appendix 5; drill logs Appendix 8).

Results of the sampling exercise were consistent with the known geochemistry of the Ochre Mine area. Confirmation that mineralisation is primarily structurally controlled (eg NBC 1002) and that structures have also acted to facilitate penetrative oxidation was noted. Zinc especially has been adversely affected by the oxidising process and occurs as low grade subhorizontal supergene layers of hemimorphite. This may be a reflection of a primary stratigraphic control on the distribution of zinc but results are inconclusive. Anomalous lead values are distinctly localised by subvertical approximately north-south growth faults.

8 DRILLING

In September and October 1994 Wilga Mines carried out a limited diamond and RC drilling programme on their Northern Territory tenements. Five holes were successfully drilled on adjacent Wilga Mines tenements despite drilling difficulties. Several holes had also been planned for the Ochre Mine area (including the newly located gossanous outcrop: 529400E/8308400N) but accessing the heavy equipment and in particular the six wheel drive twin-steer water truck proved exceptionally difficult in the loose sandy conditions and so drilling of the Legune holes was postponed.

Two other holes had been planned to test IP anomalies located immediate to a north-south growth fault:

- 8309600N/530450E
- 8309400N/530300E

9. EXPENDITURE

Consultants (Legal)	402.50
Geological	11750.29
Consultants (Surveying)	15316.33
Rent	2249.98
Tenement	780.00
Equipment	433.09
Printing	142.67
Stationary	90.25
Camp Supplies	117.90
Expendable Field Supplies	2268.51
First Aid/Medical Supplies	44.48
Administration	14405.43
Stamp Duty	56.60
Courier	968.02
Telephone	153.68
Local - Accommodation and Meals	1645.43
Local - Airfares	1768.02
Local - Taxi and Transport	34.50
Mobile Equipment - Fuel	1261.90
Mobile Equipment - Hire Charges	98.84
Mobile Equipment - R and M	778.63
Mobile Equipment - Usage Chg	2150.00
Salaries and Fees - Temporary Staff	218.56
Salaries charged from DGML	12630.00
Photography	27.75
Drafting	665.50
Maps and Plans	5.00
Assaying	14369.84
Cleaning	4.25
Surveys - Ground	1249.44
Hired Labour	300.00
TOTAL	$86387.39

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ABORIGINAL AREAS PROTECTION AUTHORITY

EXPLORATION LICENSES

7832,6969 AND ELA 8352

LEGUNE 4767 C94/113

MAP FORMING PART OF AUTHORITY CERTIFICATE NO.

ISSUED TO Wilga Mines IN 15 / 7 / 94

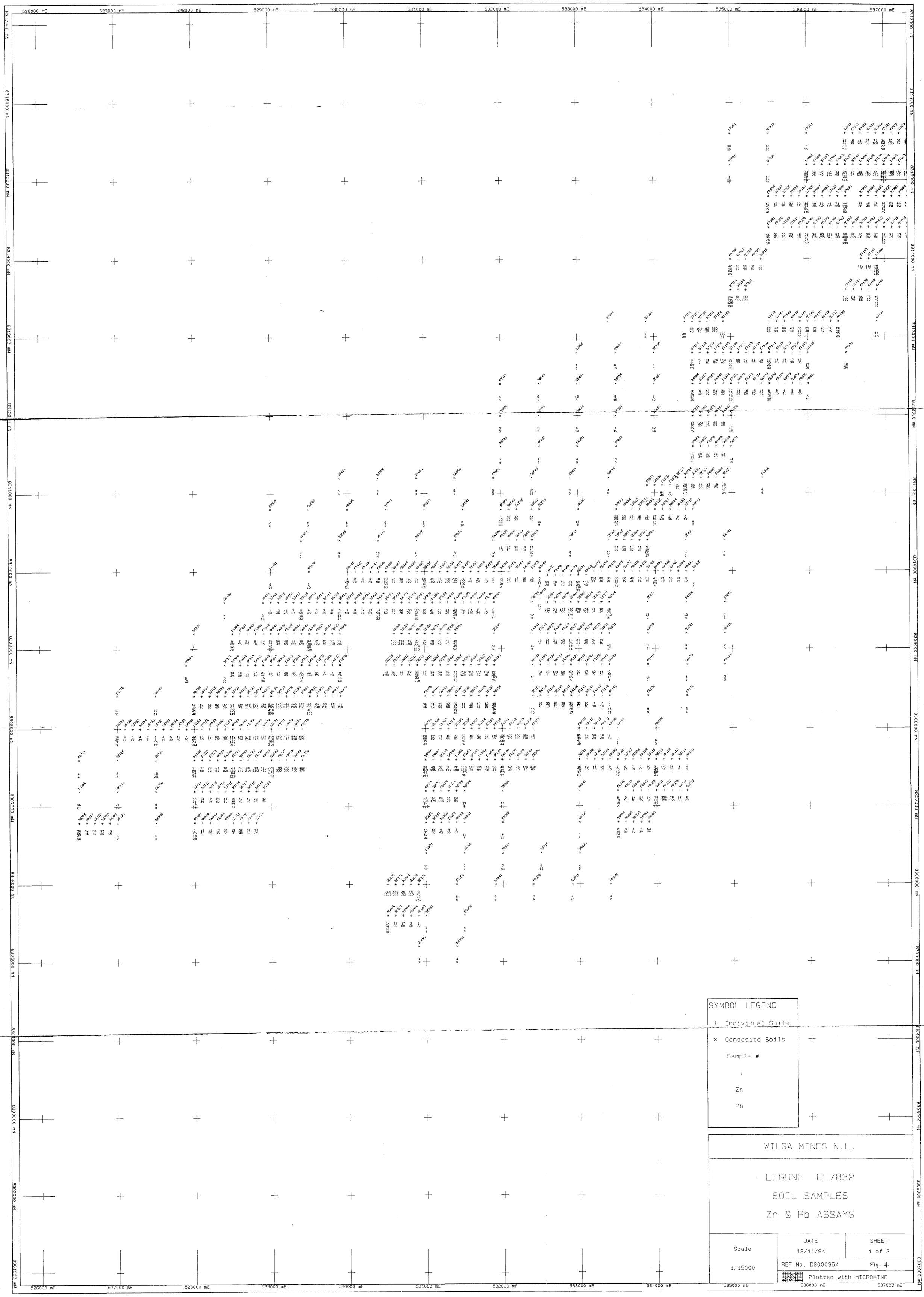
SCALE 1:100000

0 2.5 7.5km 3 2.5

CR95/3[redacted]

4767

FIGURE 3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8303000 mN
8302000 mN
8301000 mN
SYMBOL LEGEND
+ Individual Soils
× Composite Soils
Sample #
+
Zn
Pb
WILGA MINES N.L.
LEGUNE EL7832
SOIL SAMPLES
Zn & Pb ASSAYS
Scale
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12/11/94
SHEET
1 of 2
REF No. DG000964
Fig. 4
Plotted with MICROMINE

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8325000 mN 8324000 mN 8323000 mN 8322000 mN 8321000 mN 8320000 mN 8319000 mN 8318000 mN 8317000 mN 8316000 mN 8315000 mN 8314000 mN 8313000 mN 8312000 mN 8311000 mN 8310000 mN

SYMBOL LEGEND

+ Individual Soils

× Composite Soils

Sample #

\+

Zn

Pb

WILGA MINES N.L.

LEGUNE EL7832

SOIL SAMPLES

Zn & Pb ASSAYS

Scale	DATE	SHEET
1:15000	12/11/94	2 of 2
	REF No. DG000965	FIG. 5
	Plotted with MICROMINE	

CR95/3..

APPENDIX 1

DRILL LOG SUMMARIES

- NBC 4000 Series
- OMR Series

NBC SERIES DRILL LOG SUMMARIES

Hole No.	Interval From	Interval To	Lithologies/Comments
NBC 4001	0	6	Sand and silt, f-m.g., well rounded, poorly sorted (O/B).
	6	10	Shale/silt, multicoloured, pk, str'ly weathered. (Clm).
	10	24	Sandst and shale, wh + pk, oxidised. Sandst. f-m.g., well sorted, well rounded, locally siliceous. (Clb2).
	24	45	Shale ± sandst (30-32m, 38-42m), dense bk slightly silty, pyritic ± yl oxidised friable sandst. Galena + sphalerite + Pyrite (42-45m). (Clb2).
	45	52	Dolomite + Sandst. Dolomite dk, crystalline, crinoidal ± vuggy. Sandst leached, weathered, yl, friable. Tr Galena + Sphalerite + Pyrite. Dolomite + py lined voids. (Clb2).
	52	72	Dolomite, crystalline, fossilif, arenaceous, vuggy. Dolomite + py lined cavities ± galena. Lt gr, dk gr, gr-wh, tan. (Clb2).
	72	104	Dolomite, slightly arenac c thin carbonac. laminations. wh-gr + tan. Cavities c py ± galena. (Clb2). **Comments: 80m%. 38-52m, 14m @ 2.58% Zn. 90-92m, 2m @ 1.05% Zn.**
NBC 4002	0	8	Silty sand ± clay, f.g. angular, poorly sorted, rd-bn. (O/B).
	8	29	Shale ± sandst. Shales multicoloured, oxidised. Sandst yl oxidised, f.g., Fe-stnd. (Clm). Hemimorphite.
	29	44	Dolomite, highly oxidised, tan, dense. Minor shale + siltst. Hemimorphite. (Clb2).
	44	74	Dolomite, arenac ± silty, tan-oxidised, porous ± lt gr. Interbedded dolarenite + sandst - well rounded and sorted, m.g., esp 44-50m (Clb2). **Comments: 66m%. 18-40m, 22m @ 1.75% Zn.**
NBC 4003	0	12	Silt, v.f.g., ferrug c lim. stnd qtz sandst. (O/B).
	12	44	Shale c v.f.g. sandst. interbeds. Shale weathered to 36m. Sandst., yl-bn oxidised, limonitic, becoming coarser c depth. (Clb2).
	44	54	Sandst., f.g., well sorted, subrounded qtz. Locally fossilif., strongly weathered, yl-wh. (?Clb2)
	54	58	Shale, dense bk, laminated, crinoidal, carbonaceous, pyritic. (?Clb2).
	58	66	Arenac. dolomite ± sandst. Dolomite lt gr dense, sandst wh-yl, m.g. well rounded, poorly sorted, v. friable. (Clb2). **Comments: 39m%. 48-50m, 2m @ 1.20% Zn. 56-58m, 2m @ 7.85% Pb and Zn (galena + sphal.).**
NBC 4004	0	14	Sand + clay ± pebbles, rd-bn. (O/B).
	14	36	Shale/siltst./sandst. Multicoloured weathered shale + siltst. c wh.f.g. sandst interbeds. (Clb2).
	36	46	Sandst., c.g. yl. oxidised. Limonite fracts. (?Clb2)
	46	75	Shale + sandst. bk-bn partly weathered pyrtiic shale. Sandst gr or bn c.g. and f.g. qtzitic and/or fossilif, limonite stnd. (?Clb2 digitate Clm).
	75	77	Dolomite, pk + sandst. c.g., oxidised. (Clb2). **Comments: 51m%. 46-50m, 4m @ 2.35% Pb + Zn.**
NBC 4005	0	12	Silty sand ± clay + sandst. pebbles; rd-bn + yl-bn. (O/B).
	12	48	Shale, oxidised above 36m. V.f.g. yl-wh banded poorly sorted qtz sandst interbeds b/n 22-30m. (Clm).
	48	64	Arenac. dolomite, yl-bn oxidised, porous, fossilif + lt gr pyritic dolmite (variable oxidiation). Locally, almost pure qtz sandst. (Clb2).
	64	68	Shale, highly pyritic, gr-bk dense (?Clb2).
	68	75	Dolomite, crystalline, slightly fossilif., variable oxidation. (Clb2). **Comments: 23m%. 46-48m, 2m @ 1.30% Zn.**

Hole No.	Interval From	Interval To	Lithologies/Comments
NBC 4006	0	12	Sand ± sandst pebbles. Well rounded, poorly sorted, rd-bn. (O/B).
	12	68	Shale ± sandst. Oxidised above 40m. Shale locally pyritic, crinoidal + calcar. Sandst interbeds 28-34m, wh f.g. well sorted, well rounded, silicified. (Clm).
	68	80	Sandst ± shale. Wh m.g. well sorted subrounded friable qtz sandst c thin carbonac. shale interbeds. Slightly fossilif. (Clb2).
			Comments: 9m%.
NBC 4007	0	16	Sandy silt, sandst. pebbles, rd-bn, silic pebbles. (O/B).
	16	64	Shale/siltst ± sandst. Oxidised above 38m and 58-60m. Shale gr-bk dense slightly carbonac and locally pyrtic. Minor sandst. interbeds (e.g. 56-58m) yl m.g. subrounded, poorly sorted, fossilif, unconsol, qtz. (Clb2)
	64	95	Highly oxidised shale - choc. bn, dense, limonitic, sandy. 76-84m, sandst., m-c.g. subang. poorly sorted. (?Clb2 - ? Fault zone as in NBC
			Comments: 31m%. Hole terminated in grade. 72-74m, 2m @ 1.15% Zn, 90-95m, 5m @ 4.22% Pb + Zn.
NBC 4008	0	12	Silt ± clay, sandst. pebble, rd-bn. (O/B).
	12	30	Siltst/shale ± f.g. sandst., multicoloured, oxidised. (Clm).
	30	48	Sandst ± shale (46-48m). Sandst rd-wh-+tan f- m.g. Well rounded, mod. sorted qtz. Friable but locally silicified. (?Clb2 sandy subfacies).
	48	52	Shale, sandy, red ± wh friable qtz sanst (?Clb2).
			Comments: 3.1m%. 12-52m, 40m @ 0.42% Pb, Zn below detection limit; alternate 2m assaying. ? Not deep enough.
NBC 4009	0	18	Sandy silt, rd-bn + or-bn, becoming clayey c depth. (O/B).
	18	38	Shale/siltst ± v.f.g. sandst. Oxidised. (Clm).
	38	57	Shale ± f.g. sandst. Laminated gr-bk dolomitic siltst c thin interbeds of pure wh. f.g. qtz sandst. (Clb2).
	57	86	Dolomite/dolomitic siltst/dolarenite. Gr-bk laminated dolomitic siltst + wh-tan crinoidal crystalline dolomite, b/n 57-60m. Gr-bk silty dolomite, 60-78m. Lt gr vuggy dolomite, 78-82m, cavities lined c crystalline dolomite ± py. Dolarenite 82-86m, f.g. well rounded, poorly sorted qtz. (Clb2).
			Comments: 11m %. Alternate 2m assaying.
NBC 4010	0	12	Sandy soils ± clays. (O/B).
	12	26	Clays ± f.g. sandst. Oxidised yl-bn. (Clb2).
	26	38	Siltst, v.f.g. sandst., gr-bk, rare crinoids. (Clb2).
	38	70	Dolomite + calcidolomite. Dolomite crystalline, gr-bn, arenac and locally porous (Clb2).
			Comments: 29m%. 28-30m, 2m @ 1.30% Pb.
NBC 4011	0	12	Sand, clay. Rd-bn+gn. (O/B).
	12	20	Clay and sand. Oxidised rd+bn+gn. Sands f.g. (?Clb2).
	20	26	Sandst. Dk gr-bk f.g., 5-10% organic debris. (Clb2).
	26	30	Dolomite. Lt gr-bn crystalline ± arenaceous. (Clb2).
			Comments: 5m%. Probably too shallow to test for structure. 26-28m, 2m @ 0.95% Zn.
NBC 4012	0	12	Sandy soils. (O/B).
	12	24	Clays +sand, lt bn, gn, laminated (?Clb2).
	24	32	Dolomite, pale bn crystalline, fossilif, 5% clastics. Oxidation to 26m. (Clb2).
			Comments: 9m%. Incr. Zn values at toe of hole.
NBC 4013	0	5	Silty sand, rd. (O/B).
	5	59.9	Shale, siltst., f.g. sandst. Multicoloured, Oxidised to 26m. Bitumen b/n 48-50m (Clb2 below 26m).
			Comments: 0m%. Abandoned - broken bit.

Hole No.	Interval From	Interval To	Lithologies/Comments
NBC 4014	0	4	Silty sandy soil, rd. (O/B).
	4	22	Clay/shale + sandst. Laminated clays + f.g. subang. qtz sandst. Oxidised to 22m (?Clb2).
	22	26	Dolomite. Crinoidal, granular, mod. porous c limonite filled voids. (Clb2).
			Comments: 2.8m%. Too shallow to test structure.
NBC 4015			**Comments: 4m%. No log.**
NBC 4016	0	4	Sandy soil, lateritic crust. (O/B).
	4	54	Clay/shale + sandst. interbeds. Shales multicoloured (oxidised) and laminated. Oxidation to 18m. Sandst., f.g. qtz. Bk shales crinoidal at 52-54m. (Clm).
	54	56	Lst., buff gr, non porous, granualr mosaic. (Clm).
	56	96	Shale + sandst. interbeds. Shales dk gr locally laminated, calcar. Sandst f.g. qtzitic or CO3 cemented. (?Clb2).
			Comments: 1.0m%. Assayed 42-60m.
NBC 4017	0	4	Sandy soil, rd. (O/B).
	4	20	Clays/shale + f.g. qtz sandst. Shales laminated, yl-bn, oxidised. (?Clm).
	20	104	Shale + sandst. interbeds, shales gr-bk laminated, sandst interbeds f.g. subang. qtz, c calcar cement. ?(Clm) to ~ 60m. Clb2.
	104	118	Dolomite, vuggy, silic. arenac + shaley subunits (Clb2).
			Comments: 2.4m%.
NBC 4018	0	12	Sand + clay, rd, lateritic surface. (O/B).
	12	48	Shale + sandst., oxidised. Shales multicoloured + laminated. Sandst. m.g. subang. qtz (Clb2)
	48	57	Sandst. m.g. subang. qtz, locally silicif. (?Clb2).
	57	65	Clays ± qtz sandst, bn. (?Clb2, ?Fault Zone).
	65	70	Dolomite, pk + tan, f.g. xtalline c limonite. (Clb2).
			Comments: 21m%. Hole terminated in grade. 62-70m, 8m @ 1.32% Zn.
NBC 4019	0	16	Sand, rd + lateritic crust. (O/B).
	16	58	Clays, laminated, subord. sandst. interbeds. ? (Clb2).
	58	70	Dolomite, lt bn-pk, 5-10% clastics, crinoidal. Chalcedony in vuggys.
			Comments: 48m%. 44-46m, 2m @ 0.95% Zn.
NBC 4020	0	6	Sandy soil, rd + laterite. (O/B).
	6	69	Shale + sandst. interbeds. Oxidised to 36m and b/n 62-66m. Shales bk calcar. Strongest sandst interbeds 42-52m, f-m.g. subang. qtz. ?(Clb2).
	69	94	Dolomite + dolarenite, oxidised. Chalcedony in vuhgs. (Clb2).
			Comments: 26m%. 62-70m, 8m @ 1.35% Zn.
NBC 4021	0	6	Lateritic soil, rd. (O/B).
	6	56	Clay/shale + sandst interbeds. Oxidised ? (Clb2).
	56	60	Dolomite, xtalline, lt gr + pk (Clb2).
			Comments: 24m%. 36-48m, 12m @ 1.06% Zn.
NBC 4022	0	10	Latertic soil + sandy clay rd, rd-pk. (O/B).
	10	54	Clay/shale + sandst. Clay puggy, or, yl. Minor chert, oxidised ?(Clb2).
	54	64	Dolomite, mod porous, tan, bl-gr (Clb2).
			Comments: 69m%. 54-60m, 6m @ 8.45% Zn; incl. 56-58m, 2m @ 20%Zn.
NBC 4023	0	6	Lateritic soil, rd (O/B).
	6	46	Clay/shale ± sandst./sands. Oxidised yl-or + or-rd dense decomp. shale. SiO2 cemented porous qtz sandst. ? (Clb2)
	46	58	Dolomite, lt tan c calc + py lined mm-scale voids. (Clb2).
			Comments: 8m%.
NBC 4024	0	6	Lateritic soil, rd (O/B).
	6	56	Clay/shale ± sandst./sand. ± qtzite (54-56m). Loose sands + sandst., f.g. Oxidised above 28m and below 40m. (Clb2?).
			Comments: 0m%. Slightly elevated Zn values at toe of hole - too shallow (c.f. NBC 1002).

Hole No.	Interval From	Interval To	Lithologies/Comments
NBC 4025	0	4	Sandy soil + sandy clay, bn + or (O/B).
	4	78	Shale + siltst. Oxidised to 20m. Shale, gr-bk, calcareous. (Clm).
	78	100	Siltst, shale + calcarenite/arenac lst. Siltst + shale, bk-gr calcar. Arenac interbeds (78-84m and 86-90m) up to 50% CO3 cement. Minor py + calcedony vn material. (??Clb2).
			Comments: 0m%. Assaying of every 3rd 2m interval. The onset of the arenaceous subunits may equate to the top of the Clb2. Note that description is similar to the interval 148-168m of NBO 1002 located about 300m ~ N.
NBC 4026	0	6	Sand, rd-bn. (O/B).
	6	22	Clay + sand ± sandst. Clay dense yl-bn + rd-bn. Ferrug poorly sorted subrounded qtz sand. (Clb2).
	22	38	Dolomite, semicrystalline, massive, tan. Cavities lined c xtalline dolomite. (Clb2).
			Comments: 0m%. Assays 14-28m. 18-22m - dense clay may be decomp. dolomite.
NBC 4027	0	8	Sand, ferrug., rd-bn (O/B).
	8	32	Shale/clay, highly oxidised. (Clb2).
	32	49	Dolomite, arenac., close textured xtalline (Clb2).
			Comments: 4.5m%.
NBC 4028	0	12	Sand + clay, ferrug rd-bn + rd (O/B).
	12	16	Clay, silty yl-bn (?Clb2).
	16	28	Dolomite, arenac, xtalline, tan. Rare cavities c dolomite xtal vng. (Clb2).
			Comments: 0m%.
NBC 4029	0	8	Sand + clay, rd-or. (O/B).
	8	21	Clay, ± sandst./sand (?Clb2).
	21	24	Dolomite, saccharoidal, bn. (Clb2).
			Comments: 1.1m%.
NBC 4030	0	10	Sand, clay, laterite. (O/B).
	10	26	Shale ± sandst. Shale puggy, dense or-rd + bn. Oxidised.? (Clb2).
	26	44	Dolomite ± clay, sands. Dolomite xtalline, arenac, tan + dk gr. Cavities. (Clb2).
			Comments: 21m%. Not assayed b/n 36-44m. 24-36m, 12m @ 1.53% Zn.
NBC 4031	0	8	Sand + clay ± chalcedonic sandst. rd, pale yl. (O/B).
	8	86	Shale/clay ± sandst ± chert. Largely oxidised ? (Clb2).
	86	90	Dolomite. Arenac, tan + gr. Variably oxidised (Clb2).
			Comments: 11m%. Assayed only b/n 70-90m. 80-82m, 2m @ 2.63% Zn.
NBC 4032	0	8	Sand and clay. Rd + or-pk. (O/B).
	8	30	Sandst ± clay. Wh, yl. (?Clb2).
	30	70	Sandst + clay. Sandst, silic. qtz (pentrative oxidation and resultant decomposition of shales to clay.) 90% py, 67-70m. (? Clm digitate Clb2).
	70	90	Dolomite. Arenac + silty, variably oxidised. (Clb2).
			Comments: 42m%. Assayed 50-52m and 60-90m. 50-52m, 2m @ 1.2% Zn. 68-74m, 6m @ 1.23% Zn. 74-76m, 2m @ 1.25% Pb. 80-82m, 2m @ 1.15% Pb.
NBC 4033	0	52	Sandst. + clay. Sandst. dominates, is poorly sorted, sometimes clay cemented, friable. Oxidised (Clb2).
			Comments: Similar to 8-70m, NBC 4032. Not assayed.
NBC 4034	0	12	Sand + clay, rd-bn. (O/B).
	12	34	Clay/shale ± sandst. Sandst f.g. qtz, becoming more prominent c depth, dolomitic, 30-34m. ? (Clb2).
	34	46	Dolomite, silty, massive + bedded, porous, oxidised (?Clb1).
			Comments: No assays.

Hole No.	Interval From	Interval To	Lithologies/Comments
NBC 4035	0	72	First page of log missing.
	72	87	Sandst + clay/shale. Sandst qtz c silic cement. Oxidised. (?Clb2).
	87	89	Dolomite, silty, fissile, pale gr. (?Clb1).
			Comments: 2.4m%. Alternate 2m assays b/n 62-86m.
NBC 4036	0	47	Sandst ± qtzite, wh-pk well sorted/poorly sorted.
			Comments: Unit not identified but apparently overlies Clb or is Upper sandy subfacies of same. Some workers have referred to this unit as "Wicklow Sandstone". Not assayed, abandoned above dolomite.
NBC 4037	0	6	Sandy soil, rd. (O/B).
	6	72	Sandst. + silt + clay. Sandst predominantly qtz c siliceous cement. (Other lithologies apparently disaggregated by drilling). Highly oxidised (?Clb2).
	72	98	Dolomite, silty ± arenac. Oxidised to 86m. (?Clb1).
			Comments: 12m%; -60° -> Grid W. Assaying 38-40m, 50-52m, 58-60m, then alternate 2m sampling 66-98m.
NBC 4038	0	36	Sandst., yl oxidised. Dissaggregated by drilling. (?Clb2).
	36	50	Clay/shale + sandst. Oxidised (?Clb2).
	50	115	Dolomite, silty and/or arenac. Variably weathered (Clb2).
			Comments: Not assayed.
NBC 4039	0	28	Clay, arenac, rd-bn. (Clb2).
	28	58	Sandst./sand/± chert. Dom. wh c-m.g. qtz sandst, locally crinoidal. Weathered (?Clb2).
			Comments: Unit 28-58m unknown (Wicklow Sandst = Clb2). No assays. Hole abandoned due to collapse.
NBC 4040	0	4	Sand + clay ± chert. Ferrug rd-bn. (O/B).
	4	78	Sandst + siltst ± clay. F - m.g. well sorted leached sandst, esp 52-70m. Oxidised (?Clb2).
	78	89	Dolomite, xtalline, vuggy, leached, or-gr (Clb2).
			Comments: 1.3m%. Alternate 2m assays.
NBC 4041	0	4	Sandy loam, dk-rd. (O/B).
	4	72	Sandst/sand/qtzite, minor clay/shale (30-34m) 90% crinoidal debris b/n 60-62m. (Clb2 = "Wicklow Sandstone").
			Comments: No assays. Hole collapsed and abandoned.
NBC 4042	0	8	Sandy loam, rd (O/B).
	8	22	Sandst chert, subord. clay. Weathered wh f.g. sandst. yl, bn + wh clay
	22	50	Sandst + clay ± siltst. Weathered sandst + clay as above. Finely bedded oxidised siltst esp toward interval base.
	50	68	Calcidolomitic siltst + sandst. Oxidised yl-bn ± gr (? Lwr Clb2).
	68	95	Dolomitic siltst, dolomitic sandst. Oxidised wh-or ± bl-gr sandst f.g. well sorted. Siltst c argillaceous interlaminae. V. minor silty dolomitic shale + silty dolomicrite.
			Comments: Assays 68-70m then 2m alternate assays below 74m.
NBC 4043	0	2	Sand + lateritic sandy concretions, bn. (O/B).
	2	20	Sandst, clay, chert. Sandst. m.g. qtz, locally crinoidal and/or silicified. Silty clay. Chert (assoc c silicification). Oxidised. (Clb2).
	20	71	Sandst ± sand, clay. sandst, f,m + c.g. subunits. Often well sorted, locally crinoidal + silicified (cherty). Also friable, rarely loose, Oxidised yl, bn, wh. Interbeds of bn clay, occ bk pyrtic shaley. (Clb2).
			Comments: 0m%. Carbonate cements apparently leached out of arenaceous units, partially replaced by SiO2. Zn grades slightly elevated below 60m.

Hole No.	Interval From	Interval To	Lithologies/Comments
NBC 4044	0	78	Sandst + silty clay. Sandst., weathered wh, yl, f-m.g. qtz often cemented by cryptocrystalline silica. Yl-rd + bn clays, silty, oxidised. (Clb2).
	78	113	Dolomitic siltst., laminated, largely oxidised yl-bn, some lt gr non weathered. (Clb1).
			Comments: 36m%. Alternate 2m assays. 30-36m, 6m @ 1.0% Zn. 46-52m, 6m @ 1.0% Zn. 46-48m, 2m @ 2.6% Pb. 58-64m, 6m @ 1.0% Zn.
NBC 4045	0	2	Sandy loam, rd + yl-br. (O/B).
	2	62	Clay + sandst ± chert. Sandst, f + m.g. qtz, well sorted, locally silicified + cherty, oxidised. Clays rd, yl-bn, often sandy. (Clb2).
	62	74	Dolomite, massive, crystalline, weathered (+clay). (Clb2).
			Comments: 28m%. Abandoned, split casing. 36-40m, 4m @ 1.45% Zn.
NBC 4046			**Comments: No data**
NBC 4047	0	4	Sandy soil, rd-bn. (O/B).
	4	28	Sandst, f.g. + m.g. qtz, or, rd ± sandy clay. (Duc).
			Comments: No assays.
NBC 4048	0	2	Soil, rd-bn + clay (O/B).
	2	38	Dolomitic siltst yl-or (weathered) and lt gn-gr. (Clb1).
	38	52	Sandst., f-m.g. well rounded, usually well sorted qtz. ± qtzite pebbles. (Duc).
			Comments: 0m%. Irregular assaying, usually alternate 2m intervals.
NBC 4049	0	6	Sandy soil, rd + Fe-stone nodules. (O/B).
	6	56	Sandst + clay. Sandst wh + or oxidised locally friable, laminated and silcified (orange chert). F + m.g., well sorted. (Clb2).
			Comments: 0m%. Carbonate cement removed. Slightly elevated Zn values below 50m.
NBC 4050	0	2	Sand, f.g., rd. (O/B).
	2	26	Siltst, non-calcar, oxidised, powdery. (?Clb2).
	26	56	Sandst, m-c.g. qtz. Oxidised. Locally ferrug and/or silicif., sometimes loose (CO_3 cement leached out). (Clb2).
	56	64	Puggy clay, silty, pyritic, gr. Str Zn reaction (assays obscured, ? Fault Zone). (Clb2).
	64	89	Dolarenite, dolomitic siltst., dolomite. Md gr, oxidised below 76m. (Clb 2). 0-66m, assays obsured, str Zn reaction reported 62-66m.
			Comments: 30m%. 66-68m, 2m @ 6.1% Zn. 68-72m, 4m @ 1.3% Zn. 76-78m, 2m @ 1.25% Zn.
NBC 4051			**Comments: Drill log obscured**
NBC 4052	0	12	Sand + laterite, rd. (O/B).
	12	42	Sandst + clay + siltst. Str'ly oxidised, multicoloured. Non-calcareous. Sometimes loose qtz sands. (Clb2).
	42	46	Dolomite + dolomitic siltst. Oxidised. Dolomite tan, crystalline. (?Clb1).
			Comments: 4.6m%.
NBC 4053	0	8	Sand + laterite, rd. (O/B).
	8	22	Loose sand + clay ± silicif. sandst. Oxidised. (Clb2).
			Comments: 0m%.
NBC 4054	0	4	Clayey sand, rd. (O/B).
	4	16	Silty clay, yl, oxidised. (Clm).
	16	24	Silty shale, bk calcareous (Clm).
			Comments: 0m%. Not deep enough.

Hole No.	Interval		Lithologies/Comments
	From	To	
NBC 4055	0	6	Sands, lateritic, rd. (O/B).
	6	22	Clay/shale, yl weathered. (Clm). Water at 10m.
	22	50	Shale + shaley siltst. Bk calcareous. (Clm).
	50	83	Dolomite, xtalline, arenac, dk gr ± bk shale. (Clb2).
			Comments: 0m%. No decent Zn or Pb values.

NOTE: All bracketed comments including unit interpretations are those of S.W.V.

OMR SERIES DRILL LOG SUMMARIES

Hole No.	Interval		Lithologies/Comments
	From	To	
OMR 7	0	4	OB
	4	16	Weathered shale, silty layers
	16	26	Sandstone, grey; up to 10% py
	26	32	Siltstone; red/white. H20 at 32m.
	32	41	Sandstone; fine-g red; purple, white, grey
			Comment: 1.2% Zn 0-2m
OMR 10	0	4	OB
	4	24	Calcareous Siltstone, minor grey chert
			Comment: Max 0.1% Zn
OMR 11	0	4	OB (2-4m Fe Mn nodules)
	4		Siltstone; y-br to white; locally "silicified calcareous"
			Comment: 0.42% min 2-4m
OMR 12	0	3	OB
	3	66	Sandy siltstone, minor silty sandstone; y-br, mauve cream. H2O at 40m
			Comment: Barren: best min 0.3% at 14-16m
OMR 13	0	6	OB
	6	16	Sandstone; y-br; locally cherty, siliceous
			Comment: Barren
OMR 14	0	4	OB
	4	22	Shale; weathered; white/pink
	22	46	Sandstone; y-br fossiliferous; chert bands at 34-36; H2O at 26m.
			Comment: 0.77% Zn from 26-32m
OMR 15	0	4	OB - Fe fragments
	4	6	Siltstone; white/buff
	6	16	Silty sandstone; y and r-bn; minor chert
	16	32	Siltstone; y,r, mauve; chert nodules
	32	34	Silty sandstone, quartz sandstone, minor chert black oily overflow 34-44m
			Comments: Nil Min
OMR 16	0	2	OB
	2	8	Siltstone
	88	22	Sandstone; y-br; fine - med gr
	22	30	Silty sandstone; r-br and y-br
	30	40	Siltstone; y, clayey becoming more sandy; minor limonite nodules
			Comments: 0.78% min 28-32m
OMR 17	0	4	Siltstone
	4	24	Shale; y-br to grey-br; carbonaceous 12-15m
	24	32	Siltstone calcareous
			Comments: Min 1.26% 0-4m 0.65% 10-14m. Cavities
OMR 18	0	4	OB
	4	60	Siltstone and shale; y, mauve, y-br grey-br quartzitic; carbonaceous at 32-34m. H2O at 46m (10000 gal/hr)
			Comments: Min 0.73% 14-20m
OMR 19	0	20	OB fine to med gr some silt and clay
	20	54	Siltstone, some shale beds; y-br. H2O at 38m
	54	56	Dolomitic siltstone; pale buff; Fe nodules
			Comments: Min 0.25% EOH.

Hole No.	Interval		Lithologies/Comments
	From	To	
OMR 20	0	18	OB; Clayey sand; r-br
	18	20	OB; Clayey sand; r-br; with thin beds white quartzite
	20	44	Siltstone; clayey quartzitic; y-br grey-br and carbonaceous at 28-30m. H2O at 30m. Slightly calcareous 40-42
			Comments: No min
OMR 21	0	6	OB
	6	18	Siltstone; sandy and clayey. Fe nodules at 14m
	18	48	Slightly calcareous 34-36; possibly calcareous 38-42
			Comments: Nil Min
OMR 22	0	8	OB
	8	14	Shale, bleached
	14	42	Siltstone, quartzitic y-br. H2O at 32m.
	42	46	Shale flaggy dolomitic minor limonite
	46	48	Siltstone
			Comments: No Min
OMR 23	0	4	OB
	4	14	Siltstone; r-b to y-b; sandy to clayey
	14	30	Shale; weathered; pale green/mauve, y-br, r-br, grey
	30	34	Siltstone; minor dolomite; some limonite H2O at 30m
			Comments: Max 0.2% Min
OMR 24	0	2	OB
	2	18	Siltstone; y-br sandy
	18	30	Siltstone; buff dolomitic and calcareous some pure white dolomite
			Comments: No min;
OMR 25	0	6	OB
	6	29	Siltstone; buff to pale grey; dolomitic calcareous; some sand grains at 16-18; crinoid stems 24-26m.
			Comments: 0.45% min at 4-6m
OMR 26	0	4	OB
	4	10	"Limestone"; y-br weathered, sandy arkosic
	10	22	Siltstone; whitish calcareous dolomitic
			Comments: 0.72% min 2-10m
OMR 27	0	18	"Limestone"; y-fawn arkosic sandy; siltstone interbeds; sec Zn-Pb
	18	30	Siltstone;grey white calcaeous q-siltstone
	30	47	Limestone; grey-blue; quartzictic and brownish quartz dolomite
			Comments: 0-18m @ 4.02%
OMR 28	0	4	OB
	4	12	Dark yellow completely decomposed rock
	12	26	Siltstone; y; friable leached
	26	28	quartzite; whitish
	28	48	Dolomite; calcareous
	48	52	Siltstone; grey, non-calcareous
			Comments: 0-14m @ 0.7%
OMR 29	0	2	OB
	2	8	Sandy Siltstone; y-br; chert fragments
	8	16	Siltstone; y-b; some chert and silicified sandst.
			Comments: 8-16m @ 0.68%

Hole No.	Interval		Lithologies/Comments
	From	To	
OMR 30	0	4	OB
	4	18	Sandstone; friable; y
	18	37	Dolomite; pale green; strongly decomposed, many sandstone pebbles
			Comments: 20-32m @ 1.76% Mineralisation becomes gradually deeper from OMR 27-30
OMR 31	0	4	OB
	4	22	Silty clayey sand; y-br, grey-white, br becoming grey br
	22	36	Siltstone; dk-gr, y-br, r-b
	36	42	Sandy siltstone and sandstone; y-br
			Comments: Max min 0.44% (EOH) Too shallow for significant min
OMR 32	0	6	OB
	6	34	Sandstone; r-br, y-br etc; fine-med gr
	34	52	Shale and interbedded sandst.
			Comments: Minor min <0.35% in lower part of hole: cavity at 52m (EOH) poss dolomite contact according to P Elliott [??]

APPENDIX 2

BIBLIOGRAPHY OF MINERAL EXPLORATION REPORTS AND RELEVANT GEOLOGICAL REPORTS FOR BONAPARTE GULF BASIN

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BONAPARTE ZINE PROJECT
REPORT INVENTORY

MD Report No.	Company Report No.	Title	Year(s)	Company	Tenement	Hard Copy	Microfiche	Comments	Data Compiled/ Completed Date and Initials
	EX2908	Progress Geological Report: Permit No. 3 Bonaparte Gulf Basin	1958	Westralian Oil Ltd					
		Well Completion Report Spirit Hill Well No. 1	1961	Oil Development N.L.					
		Field Report 13 - Alligator by S Ruff and P Haskins	1965	Australian Aquitaine Petroleum					
CR/72/008	MG 136	Exploration for Base Metals at the Sourthern Margin of the Bonaparte Gulf Basin	1972	Aquitaine	EL 246				
CR/72/008	MG 136	Exploration for Base Metals at the Sourthern Margin of the Bonaparte Gulf Basin	1972	Aquitaine	EL 247				
CR/72/008	MG 136	Exploration for Base Metals at the Sourthern Margin of the Bonaparte Gulf Basin	1972	Aquitaine	EL 412				
CR/72/008	MG 136	Exploration for Base Metals at the Sourthern Margin of the Bonaparte Gulf Basin	1972	Aquitaine	EL 413				
CR/72/008	MG 136	Exploration for Base Metals at the Sourthern Margin of the Bonaparte Gulf Basin	1972	Aquitaine	EL 415				
		NT Drilllogs Ochre Mine DDH 13; 117-122, Alpha Hill AH 1-8, Buffalo Hill BH01-14, Policeman	1973	Aquitaine Australia Minerals Ltd					
		NT Drilllogs Ochre Mine Region DDH 100-123	1973						
CR73/110	MG 259	Progress Report on Exploration on EL 247 to 21/5/1973	1973	Aquitaine	EL 247				
CR73/109	MG 260	Progress Report on Explortion on EL 246 to 21/5/1973	1973	Aquitaine	EL 246				
	MG 262	Evaluationof Geophysical Results on the Sorby Hill Area.	1973	Aquitaine					
	MG 280	Induced Polarisation and Resistivity Tests at Sorby Hills, W.A. (June, 1973).	1973	Aquitaine					
CR73/204	MG 281	Final Report on EL 416 for Year Ending June, 1973	1973	Aquitaine	EL 416				
CR73/215	MG 283	Final Report on EL 415 for Year Ending June, 1973	1973	Aquitaine	EL 415				
	MG 300	Bonaparte Basin - Sorby Hills Economic Grade Study	1973	Aquitaine					
	MG 303	Main Results of 1973 Exploration in the W.A. Part of the Bonaparte Gulf Basin	1973	Aquitaine					

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MD Report No.	Company Report No.	Title	Year(s)	Company	Tenement	Hard Copy	Microfiche	Comments	Data Compiled/ Completed Date and Initials
CR73/211	MG 305	EL 246, Final Report Year Ending 29/6/1973	1973	Aquitaine	EL 246				
CR73/212	MG 306	EL 247, Final Report Year Ending 29/6/1973	1973	Aquitaine	EL 247				
	MG 308	Proposition for New Geophysical Survey in Sorby Hills, W.A.	1973	Aquitaine					
	MG 320	Preliminary Exploration Programme, N.T. 1974	1973	Aquitaine					
CR73/249	MG 341	Final Report EL 675 for Year Ending 1/11/1973	1973	Aquitaine	EL 675				
CR73/248	MG 342	Final Report EL 674 for Year Ending 1/11/1973	1973	Aquitaine	EL 674				
CR73/247	MG 343	Final Report EL 673 for Year Ending 1/11/1973	1973	Aquitaine	EL 673				
	MG 377	Report on the Kununurra Area - 1973	1973	Aquitaine					
CR73/022		Progress Report, Nigli Gap	1973	AAML	EL 415				
CR73/023		Progress Report	1973	AAML	EL 416				
CR73/023		Progress Report	1973	AAML	EL 675				
CR74/015	MG 353	EL 785 Final Report for the Year Ending 21/11/1973	1974	Aquitaine	EL 785			Mt Septimus East	
CR74/129	MG 470	EL 893 "Legune" Annual Report for the Period Ending 30/4/1974	1974	Aquitaine	EL 893				
	MG 473	Annual Report Period to 31/12/1972, Sorby Hills Claims, Kimberley Goldfield, W.A.	1974	Aquitaine					
	MG 481	Annual Report Period to 31/12/1973, Sorby Hills Claims, Kimberley Goldfield.	1974	Aquitaine					
CR74/154	MG 488	EL 416, Annual Report for the Year Ending 27/6/1974	1974	Aquitaine	EL 416				
CR74/156	MG 491	EL 415, Annual Report for the Year Ending 29/6/1974	1974	Aquitaine	EL 415				
	MG 503	Sorby Hills, W.A. Report on Exploration 1974	1974	Aquitaine					
CR75/036	MG 506	EL 246, "Spirit Hill", Annual Report for the Year Ending 29/6/1974	1974	Aquitaine	EL 246				

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MD Report No.	Company Report No.	Title	Year(s)	Company	Tenement	Hard Copy	Microfiche	Comments	Data Compiled/ Completed Date and Initials
CR75/037	MG 507	EL 247, "Keep River", Annual Report for the Year Ending 29/6/1974	1974	Aquitaine	EL 247				
		NT Drillogs - Keep River EL 247 NBK 4001-4050	1975	Aquitaine Australia Minerals Ltd	EL 247				
CR75/053	MG 508	EL 673, "Milligans East", Annual Report for the Period Ending 1/11/1974	1975	Aquitaine	EL 673				
CR75/052	MG 509	EL 674, "Weaber Lagoon", Annual Report for the Period Ending 1/11/1974	1975	Aquitaine	EL 674				
CR75/017	MG 510	EL 675, "Flapper Hill", Annual Report for the Year Ending 1/11/1974	1975	Aquitaine	EL 675				
CR75/006	MG 511	EL 785, "Mt. Septimus East", Final Report for the Period Ending 29/11/1974	1975	Aquitaine	EL 785				
	MG 512	EL 893, "Legune" Progress Report on Exploration in 1974	1975	Aquitaine	EL 893				
	MG 526	Induced Polarisation - Resistivity Survey in the Sorby Hills East Aear, W.A.	1975	Aquitaine					
	MG 568	Sorby Hills, W.A., Etude Diagraphique des Forages de la Campagne, 1974	1975	Aquitaine					
CR75/076	MG 575	EL 893, "Legune", Annual Report for Period Ending 30/4/1975	1975	Aquitaine	EL 893				
	MG 585	Geology of Sorby Hills Area: A Concise Progress Report (July, 1975)	1975	Aquitaine					
CR75/126	MG 587	EL 416, "Orche Mine", Annual Report for Period Ending 27/6/1975	1975	Aquitaine	EL 416				
CR75/127	MG 588	EL 246, "Spirit Hill", Annual Report for Period Ending 27/6/1975	1975	Aquitaine	EL 246				
CR75/128	MG 589	EL 247, "Keep River", Annual Report for Period Ending 27/6/1975	1975	Aquitaine	EL 247				
	MG 623	Summary of Geophysical Work Carries out on Sorby Hills (W.A.) in 1975	1975	Aquitaine					

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MD Report No.	Company Report No.	Title	Year(s)	Company	Tenement	Hard Copy	Microfiche	Comments	Data Compiled/ Completed Date and Initials
	MG 629	EL 247, "Keep River", Interim Report on Exploration during 1975	1975	Aquitaine	EL 247				
	MG 630	EL 26, "Spirit Hill", Interim Report on Exploration during 1975	1975	Aquitaine	EL 26				
	MG 632	Geology of the Jeremiah Hills Area, Bonaparte Gulf Basin, W.A., 1975	1975	Aquitaine					
	MG 638	Report on Exploration During 1975 at Sorby Hills, W.A.	1975	Aquitaine					
		NT Drillogs EL 675 Flapper Hill NBF 1001-1002; NBF 4001-4106	1976	Aquitaine Australia Minerals Ltd	EL 675				
		NT Drillogs EL 893 NBL 1001-1003 NBL 4001-4028	1976	Aquitaine Australia Minerals Ltd	EL 893				
		NT Drillogs EL 674 Weaker Lagoon NBW 1001, 2001, 4001-4024	1976	EL 674	EL 674				
		BGB, NT Drillogs, Ochre Mine Claims and	1976						
CR76/009	MG 641	EL 673, "Milligans East", Annual Report for the	1976	Aquitaine	EL 673				
CR76/010	MG 642	EL 647, "Weaber Lagoon", Annual Report for the Year Ending 1/11/1975	1976	Aquitaine	EL 647		Y		Aug 94 MG
CR76/011	MG 643	EL 675, "Flapper Hill", Annual Report for the Year Ending 1/11/1975	1976	Aquitaine	EL 675		Y		Aug 94 MG
CR76/024	MG 656	EL 1031 - "Wide Horizons", Annual Report for the Period Ending 13/11/1975	1976	Aquitaine	EL 1031				
CR76/071	MG 695	EL 893, "Legune", Progress Report for Period Ending 30/4/1976	1976	Aquitaine	EL 893				
CR76/100	MG 709	EL 246, Annual Report for Period Ending 29/6/1976	1976	Aquitaine	EL 246				
CR76/099	MG 710	EL 247, Annual Report for Period Ending 29/6/1976	1976	Aquitaine	EL 247				
CR76/094		Annual Report for year ending 27/6/76	1976	AANZL	EL 416	Y			Aug 94 MG
CR76/098		Keep River, Interim report on Exploration 1975	1976	AAML	EL 247	Y			Aug 94 MG

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MD Report No.	Company Report No.	Title	Year(s)	Company	Tenement	Hard Copy	Microfiche	Comments	Data Compiled/ Completed Date and Initials
	MG 843	1977 Exploration Programme Surveyors Report	1977	Aquitaine Australia Minerals Ltd					
		Aeromagnetic Interpretation, Bonaparte Basin, NT by PJ Gunn	1977	Aquitaine Australia Minerals Ltd					
CR77/046	MG 775	EL 673, "Milligans East", Annual Report for Year Ending 1/11/1976	1977	AANZL	EL 673				
CR77045	MG 776	EL 674, "Weaber Lagoon", Annual Report for Year Ending 1/11/1976	1977	Aquitaine	EL 674				
CR77/043	MG 777	EL 675, "Flapper Hill", Annual Report for Year Ending 1/11/1976	1977	AANZL	EL 675				
	MG 778	EL 247, "Keep River", Progress Report for Period Ending 29/6/1976 - 31/12/1976	1977	Aquitaine	EL 247				
	MG 779	EL 246, "Spirit Hill" Progress Report for Period 29/6/1976 - 21/12/1976	1977	AAML/CONFEX	EL 246				
	MG 780	EL 893, "Legune", Progress Report, December 1976	1977	Aquitaine	EL 893				
CR77/098	MG 838	EL 1240, "Flapper Hill", Annual Report for Year Ending 26/7/1977. Prepared for Mimets	1977	Aquitaine	EL 1240				
CR77/113	MG 841	Final Report, EL 416, Ochre Mine, N.T.	1977	Aquitaine	EL 416		Y		Aug 94 MG
CR77/119	MG 848	EL 246, "Spirit Hill", Annual Report for Year Ending 29/6/1977	1977	Aquitaine	EL 246				Aug 94 MG
CR77/120	MG 849	EL 247, "Keep River", Annual Report for Year Ending 29/6/1977	1977	Aquitaine	EL 247				Aug 94 MG
CR77/016		Wide Horizons Annual and Relinquishment Report	1977	AANZL	EL 031				
CR77/089		Annual Report Legune year ending 30/4/77	1977	AAML	EL 893				
CR78/013	MG 894	EL 246, "Spirit Hill", Report on Exploration During Five Years of Tenure (30/6/1972 - 29/6/1977).	1978	Aquitaine	EL 246				
CR78/014	MG 895	EL 247, "Keep River", Report on Exploration During Five Years of Tenure (30/6/1972 -	1978	AAML/CONEX	EL 247				

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MD Report No.	Company Report No.	Title	Year(s)	Company	Tenement	Hard Copy	Microfiche	Comments	Data Compiled/ Completed Date and Initials
CR78/046	MG 897	EL 673, "Milligans East", Annual Report for Year Ending 1/11/1977.	1978	Aquitaine	EL 673				
CR78/042	MG 898	EL 674, "Weaber Lagoon", Annual Report for Period Ending 1/11/1977.	1978	Aquitaine	EL 674				
CR78/031	MG 899	EL 675, "Flapper Hill", Annual Report for Year Ending 1/11/1977.	1978	Aquitaine	EL 675				
CR78/044	MG 900	EL 673, "Milligans East", Report on Exploration During Five Year of Tenure (2/11/1972 -	1978	Aquitaine	EL 673				
CR78/043	MG 901	EL 674, "Weaber Lagoon", Report on Exploration During Five Years of Tenure (2/11/1972 -	1978	Aquitaine	EL 674				
CR78/030	MG 902	EL 675, "Flapper Hill", Report on Exploration During Five Years of Tenure (2/11/1972 -	1978	Aquitaine	EL 675				
CR78/086	MG 928	EL 893, "Legune", Annual Report for Year Ending 30/4/1978.	1978	Aquitaine	EL 893				
CR78/132	MG 941	EL 893, "Legune", Final Report.	1978	Aquitaine	EL 893				
CR78/045		Flapper Hill 1977 Geophysical Survey	1978	AAML/MIML	EL 1240				
CR79/197		Annual Report for year ending 26/7/79 - Flapper	1978	MIMETS	EL1240				
		Bonaparte Gulf Basin (WA-NT) Drillhole Summary - Reference	1979	Aquitaine Australia Minerals Ltd					
		Appendix II Drillogs and Assay Results NBK 1021-1035, NBK 4096; NBS 5002; NBL 4029	1979						
CR79/066	MG 984	EL 1708, "Milligans Lagoon", Annual Report for Year Ending 7/2/1979.	1979	AANZL	EL 1708				
	EX2936	Bonaparet Lead-Zinc Exploration : A Review AAM-MIM Joint Venture by RJ Lee	1980						
		Bonaparte Gulf Basin, NT Drillogs - Keep B Claims NBK 1013, 1036-1040; NBB 1001, 4001-4003, NBS 5002	1980						
	EX 2939	Mimets Joint Venture Summary Report - RJ Lee, M Rowley	1980	Aquitaine Australia Minerals					

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MD Report No.	Company Report No.	Title	Year(s)	Company	Tenement	Hard Copy	Microfiche	Comments	Data Compiled/ Completed Date and Initials
CR80/066		Annual Report for Milligans Lagoon	1980	AANZL	EL 1708				
CR80/092A		1979 Exploration, NT Tenements, Bonaparet Gulf Part A	1980	AAML	EL 1240, 1708				
CR80/092B		Appendices to Accompany Report	1980	AAML	EL 1240, 1708				
CR80/059		Annual Report, The Fences year ending 5/12/80	1981	AAML	EL 2169				
CR81/061		Annual Report, the George	1981	AAML	EL 2167				
CR81/062		Annual Report, Rocky Knob year ending 5/12/80	1981	AAML	EL 2168				
CR81/063		Annual Report, The Swamp year ending 5/12/80	1981	AAML	EL2166				
CR81/136		Results during 1980 Sandy Creek and Deep B Mineral Claims	1981	AAML	EL1240				
CR81/136		Results during 1980 Sandy Creek and Deep B Mineral Claims	1981	AAML	EL1708				
CR81/136		Results during 1980 Sandy Creek and Deep B Mineral Claims	1981	AAML	EL2106				
CR81/136		Results during 1980 Sandy Creek and Deep B Mineral Claims	1981	AAML	EL2167				
CR81/136		Results during 1980 Sandy Creek and Deep B Mineral Claims	1981	AAML	EL2168				
CR81/136		Results during 1980 Sandy Creek and Deep B Mineral Claims	1981	AAML	EL2169				
CR81/136		Results during 1980 Sandy Creek and Deep B Mineral Claims	1981	AAML	EL2377				
CR81/136		Results during 1980 Sandy Creek and Deep B Mineral Claims	1981	AAML	EL2528				
CR81/136		Results of 1980 Drilling Programme Sandy Creek	1981	AAML	EL1240				
CR81/298		Annual Report, Grass Plains year ending 9/9/81	1981	AAML	EL2528				
CR82/127	MG 1142	EL 2166, "The Swamp". Annual Report for the Year Ending 5/12/1981.	1982	Aquitaine	EL 2166				

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MD Report No.	Company Report No.	Title	Year(s)	Company	Tenement	Hard Copy	Microfiche	Comments	Data Compiled/ Completed Date and Initials
CR82/126	MG 1143	EL 2167, "The Gorge". Annual Report for the Year Ending 5/12/1981.	1982	Aquitaine	EL 2167				
CR82/128	MG 1144	EL 2168, "Rocky Knob". Annual Report for the Year Ending 5/12/1981.	1982	Aquitaine	EL 2168				
CR82/129	MG 1145	EL 2169, "The Fences". Annual Report for the Year Ending 5/12/1981.	1982	Aquitaine	EL 2169				
EL82/309	SJB 82-12	EL 2528 - "Grass Plains", N.T. Final Report.	1982	SJBPL	EL 2528				
CR82/001		Annual Report Flapper Hill	1982	AAML/MIMETS	EL1240				
CR82/003		Annual Report Kneebone year ending 26/6/81	1982	AAML	EL2377				
CR82/162		Annual Report	1982	AAML				NTDME details incomplete	
CR82/163		Annual Report Cuest Ridge, Keep A, Milligans MCs	1982	AAML	EL2168				
CR82/163		Annual Report Cuest Ridge, Keep A, Milligans MCs	1982	AAML	EL2169				
CR82/163		Annual Report Cuest Ridge, Keep A, Milligans MCs	1982	AAML	EL2377				
CR82/164		Annual Report Sandy Creek, Winchrope Trend	1982	AAML	EL2166				
CR82/164		Annual Report Sandy Creek, Winchrope Trend	1982	AAML	EL2167				
CR82/298		Annual Report, Grass Plains, NT	1982	AAML	EL2528				
CR83/057	SLB 82-15	1982 Annual Report, Ochre Mine Area. Bonaparte Basin, N.T.	1983	Aquitaine	ML 72			Also MLs 83, 85, 122, 279, 356, 509, 526, 528, 546, 548, 574	
CR83/034	SJB 82-17	EL 2168 - "Rockby Knob". Annual Report for the Year Ending 4/12/1982	1983	Aquitaine	EL 2168				
CR83/032	SJB 82-18	EL 2166 - "The Swamp". Annual Report for the Year Ending 4/12/1982	1983	MIM Ltd	EL 2166				
CR83/052	SJB 83-1	EL 1708 - "Milligans Lagoon". Annual Report for the Year Ending 8/2/1983	1983	Aquitaine	EL 1708				
CR83/275	SJB 83-2	Final Report. Mineral Claims, Bonaparte Basin, N.T.	1983	Aquitaine					

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MD Report No.	Company Report No.	Title	Year(s)	Company	Tenement	Hard Copy	Microfiche	Comments	Data Compiled/ Completed Date and Initials
CR83/276	SJB 83-3	Final Report for N.T. EL 1708, 2166, 2167, 2168, 2169 & 2377.	1983	Aquitaine	EL 1708				
CR83/276	SJB 83-3	Final Report for N.T. EL 1708, 2166, 2167, 2168,	1983	Aquitaine	EL 2166				
CR83/276	SJB 83-3	Final Report for N.T. EL 1708, 2166, 2167, 2168, 2169 & 2377.	1983	Aquitaine	EL 2167				
CR83/276	SJB 83-3	Final Report for N.T. EL 1708, 2166, 2167, 2168, 2169 & 2377.	1983	Aquitaine	EL 2168				
CR83/276	SJB 83-3	Final Report for N.T. EL 1708, 2166, 2167, 2168, 2169 & 2377.	1983	Aquitaine	EL 2169				
CR83/276	SJB 83-3	Final Report for N.T. EL 1708, 2166, 2167, 2168, 2169 & 2377.	1983	Aquitaine	EL 2377				
CR83/033		Annual Report year ending 4/12/82 - The Gorge	1983	AAML	EL2167				
CR83/035		Annual Report year ending 4/12/82 - The Fences	1983		EL2169				
CR83/275		Final Report Bonaparte Basin (Milligans Lagoon)	1983		EL1708				
CR83/275		Final Report Bonaparte Basin (The Swamp)	1983	SJBPL	EL2166				
CR83/275		Final Report Bonaparte Basin (The Gorge)	1983	SJBPL	EL 21				
CR83/275		Final Report Bonaparte Basin (Rocky Knob)	1983	SJBPL	EL2168				
CR83/275		Final Report Bonaparte Basin (The Fences)	1983	SJBPL	EL2169				
CR83/275		Final Report Bonaparte Basin (Kneebone)	1983	SJBPL	EL2377				
		Final Report Mineral Claims Bonaparte Basin	1983	SJBPL	MC'S			MC's 72-83, 85-574, Keep A, Keep B, Wichlow, Milligans, Alpha Hill	
		Alliance Spirt Hill Seismic Survey OP 186 Bonaparte Basin NT	1984						
CR84/264		Annual Report year ending 28/9/84	1984	SJBPL	EL4413				
CR85/278		Annual Report year ending 28/9/85	1985	EATML	EL4413		Y		Aug 94 MG
	CR 5240	Bonaparte Basin , NT EL4413	1986	BHP - EATM	EL 4413				
	CR 4985	Bonarparte Gulf Basin WA/NT Review of Reports	1986	BHP					

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MD Report No.	Company Report No.	Title	Year(s)	Company	Tenement	Hard Copy	Microfiche	Comments	Data Compiled/ Completed Date and Initials
CR78/175	MG 955	EL 1240, "Flapper Hill", Report for Year Ending 26/7/1978.	1987	Aquitaine	EL 1240				
CR87/122		Annual Report	1987	EATML	EL4413		Y		Aug 94 MG
CR87/255		Annual Report for Bonaparte Gulf Basin 1987 year ending 29/9/87	1987	Triako	EL4413		Y		Aug 94 MG
	CM 3643	Bonaparte Basin JV - Sandy Creek prospect - Selective Diamond Drill - GC Jorgensen	1989						
	CR 6753	Bonaparte Baisn , NT EL4413	1989	BHP - Triako	EL 4413				
	CR 6717	Induced Polarization Survey at Sandy Creek	1989	BHP					
CR89/005		Annual Report year ending 29/9/88	1989	EATML	EL4413	Y			
CR89/070		Partial Relinquishment Report - BHP-Triako JV	1989	EATML	EL4413				
	CR 6777	JV Bonaparte Basin NT EL 4413 Final Report 19 GC Jorgensen	1990	BHP - Triako	EL 4413				
	CR 6793	Review of Exploration within the Bonaparte Basin WA and NT and AN - T Wong, B Larson	1990	BHP					
CR90/026		1989 Annual and Final Report period ending 29/9/89	1990	EATML	EL4413	Y			Aug 94 MG
CR90/136		EL4413 - Final Report 1989	1990	Triako	EL4413	Y			Aug 94 MG
CR90/362		Annual Report on Exploration Activiites period ending 7/5/1990	1990	McChesney S.M.	EL6436				
	EX3425	Apatite Fission Track Analysis of Eight Shallow Diamond Drillcore - DC Arne	1991	BHP					
	CR 7105	Regional Study of the Bonaparte Basin WA/NT - T Wong, B Larson	1991	BHP		Y			
CR91/404		Fianl Report for period ending 7/5/91	1991	McChesney S.M.	EL6436				

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MD Report No.	Company Report No.	Title	Year(s)	Company	Tenement	Hard Copy	Microfiche	Comments	Data Compiled/ Completed Date and Initials
	EX2915	Summary Report: Bonaparte Bulf Basin by J B Gallo	1992	Placer Prospecting (Australia Pty Ltd)					
	CR 7625	Bonaparte Basin NT, EL 6969pa - CI Edgar	1992	BHP - Triako	EL 6969				
	CR 7624	Bonaparte Basin NT, EL 6969 Annual Report - CI Edgar	1992	BHP - Triako	EL 6969				
	CR 7820	Bonaparte Basin NT, EL 6969 Annual Report - PK Dendle	1993	BHP - Triako	EL 6969				
	CM 4355	Sorby Hills - Bonaparte Gulf Farm-out Offer - GC	1993	BHP		Y			
		Legune Zinc Prospect: Annual Report year ending	1993	Wilga	EL7832				
	CR 7883	Bonaparte Basin NT, EL 6969 Annual Report - CI Edgar	1994	BHP - Triako	EL 6969				
		NT Drillogs OMR 001-131	1972 - 1973	Aquitaine Australia Minerals Ltd					
	MG 161	Comments on some aspects of the Base Metal Mineralisation in the Bonaparte Gulf Basin - WA/NT	1972 - 1973	Aquitaine					
		Bonaparte Gulf Basin Drillhole Catalogue	1972 - 1976	Aquitaine Australia Minerals Ltd					
	MG 378	Etude Sedimentologique des Forages DDH13 a 29 de la campaigne 1973 - Region de Sorby Hills,	1973 - 1974	Aquitaine					
	MG 295	Sedimentological Field Survey in The Bonaparte Gulf Basin, - Beta and Alligator Prospects.	1973 - 1974	Aquitaine					
	MG 410	Geophysical Survey in the Bonaparte Gulf Basin - EL's 625, 624, 623, 893 and 785	1973 - 1974	Aquitaine	EL 625				
	MG 410	Geophysical Survey in the Bonaparte Gulf Basin - EL's 625, 624, 623, 893 and 785	1973 - 1974	Aquitaine	EL 624				
	MG 410	Geophysical Survey in the Bonaparte Gulf Basin - EL's 625, 624, 623, 893 and 785	1973 - 1974	Aquitaine	EL623				

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BONAPARTE ZINE PROJECT
REPORT INVENTORY

MD Report No.	Company Report No.	Title	Year(s)	Company	Tenement	Hard Copy	Microfiche	Comments	Data Compiled/ Completed Date and Initials
	MG 410	Geophysical Survey in the Bonaparte Gulf Basin - EL's 625, 624, 623, 893 and 785	1973 - 1974	Aquitaine	EL 893				
	MG 410	Geophysical Survey in the Bonaparte Gulf Basin - EL's 625, 624, 623, 893 and 785	1973 - 1974	Aquitaine	EL785				
	MG 440	Geophysical Study of the Bonaparte Gulf Basin Margin, W.A. (GP85).	1973 - 1974	Aquitaine					
	MG 441	Geophysical Study of the Bonaparte Gulf Basin (GP86).	1973 - 1974	Aquitaine					
		NT Drilllogs Spirit Hill NBS 1001-1002, NBS 4001-4017, SH 01-73, RK 1-9	1973 - 1976		EL 246				
	MG 411	Report on the Kununurra Area in 1973	1973-1974	Aquitaine					
		NT Drill logs Ochre Mine Claims NBC 1001-1003, NBC 4001-4055 NBO 1001-1002	1975 - 1976		EL 416				
		NT Drilllogs NBK 1001-1013, NBK 2001-2002 Winchrope Claims NBR 1001 NBR 4001-4002	1975 - 1976		EL 247				
		NT Drilllogs EL 247 Keep River NBK 4051-4095 Turkey Nest Claims NBT 2001-2003	1975 - 1976		EL 247				
		NT Drill logs EL 673 Milligans East NBM 2001; NBM 4001-4025	1975-1976	Aquitaine Australia Minerals Ltd	EL 673				
		NT Drilllogs Loos logs NBK 1012, 4052-4058, 4083, 4085, 4088,4089	1975-1976		EL 247				
		Bonaparte Gulf Basin (WA-NT) Drillhole Summary	1981 - 1982	Aquitaine Australia Minerals Ltd					
	CM 1821	Sorbey Hills - Review of 1983 - 1884 Reports - P Dendle							
79		Structural Analysis of Core, Sorby Hills Demarcated Area.s		Aquitaine					
	MG 357	EL 893 "Legune", Progress Report, November, 1973		Aquitaine	EL 893				
	MG 646	Exploration Report for 1975 on Ochre Mine Claims, Bonaparte Gulf Basin, N.T.		Aquitaine					
	MG 650	Prospect de Sorby Hills, Evaluation de Methodes Geophysiques. Gravimetrie. Polarisation		Aquitaine					
	MG 657	EL 893, "Legune", Progress Report, December, 1975.		Aquitaine	EL 893				

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REPORT INVENTORY

MD Report No.	Company Report No.	Title	Year(s)	Company	Tenement	Hard Copy	Microfiche	Comments	Data Compiled/ Completed Date and Initials
	MG 672	Bonaparte Basin, Sorby Hills Project, 1975. Gamma Ray Log Correlations.		Aquitaine					
	MG 675	"Flapper Hill", 1974.		Aquitaine					
	MG 683	Interpretation of 1975 Ground Magnetic Surveys, Sorby Hills, W.A.		Aquitaine					
	MG 754	PEM in Bonaparte Gulf, 1976 - 1977		Aquitaine					
	MG 763	Sorby Hills, W.A. Technical Report, 1976		Aquitaine					
	MG 782	Winchrope Claims, Annual Report for Year Ending 31/12/1976		Aquitaine					
	MG 783	Turkey's Nest Claims, Annual Report for Year		Aquitaine					
CR77/129	MG 784	EL 416, Ochre Mine, Annual Report for Period Ending 27/6/1977		Aquitaine	EL 416				
	MG 826	Experimental Refraction Traverse, Sorby Hills		Aquitaine					
	MG 871	Sorby Hills and Jeremiah Prospects. Seismic Refraction Survey 1976 - 1977.		Aquitaine					
	MG 876	Sorby Hills Induced Polarisation Surveys, 1972 - 1977.		Aquitaine					
	MG 880	1977 Annual Report on Aquitaine/Mimets/ Conex Mineral Exploration J.V., Bonaparte Gulf Basin,		Aquitaine					
	MG 881	Geophysical Surveys 1974 - 1977		Aquitaine					
	MG 882	Kununurra Seismic Refraction Survey		Aquitaine					
	MG 888	The 1977 Report on Mineral Exploration at Sorby		Aquitaine					
	MG 889	EL 675, Flapper Hill (N.T.), 1977 Geophysical Survey		Aquitaine	EL 675				
	MG 890	Ochre Mine, Bonaparte Gulf Basin, N.T., 1977 Seismic Refraction Survey.		Aquitaine					
	MG 937	Interpretation of Induced Polarisation and Seismic Survey Results, Ochre Mine and Bundaberg, N.T.		Aquitaine					
	MG 943	Memorandum on Sorby Hills		Aquitaine					
	MG 959	Vertical Loop PEM, Deep EM and PEM Borehole Surveys in the Bonaparte Basin, 1978.		Aquitaine					

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BONAPARTE ZINE PROJECT
REPORT INVENTORY

MD Report No.	Company Report No.	Title	Year(s)	Company	Tenement	Hard Copy	Microfiche	Comments	Data Compiled/ Completed Date and Initials
	MG 966	The 1978 Report on Mineral Exploration at Sorby Hills and Jeremiah Hills Mineral Claims,		Aquitaine					
	MG 967	Interpretation of Pulse Electromagnetic Surveys, Sorby Hills, W.A.		Aquitaine					
	MG 970	Results of Mini-Sosie Seismic Reflection Tests.		Aquitaine					
	MG 978	Pulse EM Surveys in the Northern Territory of the Bonaparte Gulf Basin, 1978.		Aquitaine					
	MG 987	Mimets-Aquitaine J.V. Mineral Exploration During		Aquitaine					
	MG 994	Synthesis of Geological, Induced Polarisation,		Aquitaine					
	MG 1141	1981 Annual Report on Mineral Exploration and		Aquitaine					
CR82/173	MG 1146	EL 1240, "Flapper Hill". Final Report.		AAML/MIMETS	EL 1240				
	MG 1161	Summary of 1979 - 1981 Biostratigraphic Studies		Aquitaine					
CR82/185	SJB 82-10	EL 1708 - "Milligans Lagoon". Annual Report for the Year Ending 8/2/1982.		Aquitaine	EL 1708				
CR82/300	SJB 82-11	EL 2377 - "Kneebone". Annual Report for the Year Ending 22/6/1982.		SJBPL	EL 2377				
	SJB 82-13	Mineral Exploration at Sorby Hills and Jeremiah		Aquitaine					
	SJB 83-4	1983 Annual Report : Mineral Exploration at Jeremiah Hills Mineral Claims, Bonaparte Basin,		Aquitaine					
	SJB 84-3	EL 80/106 - Sorby North Report to the W.A.		Aquitaine	EL 80/106				
	SJB 84-4	EL 80/107, Final Report: Exploration for the Year to 9/12/1984.		Aquitaine	EL 80/107				
	C.E.C. Report	N.J.W. Croxford, 1979: A Petrographic Study of the Sorby Hills Lead-Zinc Deposit.		Aquitaine					

APPENDIX 3

DRILLHOLE DATABASE

Hole Number	Hole Type	Current EL	Previous EL/ML	AMG East	AMG North	Total Depth (m)	CAT	LOGS			MINERAL		RESULTS				GENERAL GEOLOGICAL LOCATION
								L	P	GP	Pb	Zn	Interval (m)	Pb %	Zn %	Ag ppm	
NBC3018	P	EL7832		527000	8309000		E										
NBC3019	P	EL7832		527000	8909200		E										
NBC3020	P	EL7832		527800	8309600		E										
NBC3021	P	EL7832		527800	8309400		E										
NBC3022	P	EL7832		527800	8309200		E										
NBC3023	P	EL7832		527800	8309000		E										
NBC3024	P	EL7832		527800	8308800		E										
NBC3025	P	EL7832		527800	8308600		E										
NBC3026	P	EL7832		526800	8308400		E										
NBC3027	P	EL7832		526800	8308200		E										W of Ochre Mine
NBC3028	P	EL7832		526800	8308000		E										W of Ochre Mine
NBC3029		EL7832	Wicklow														W of Ochre Mine
NBC3030		EL7832	Wicklow														
NBC3031		EL7832	Wicklow														
NBC3032		EL7832	Wicklow														
NBC3033		EL7832	Wicklow														
NBC3034		EL7832	Wicklow														
NBC3035		EL7832	Wicklow														
NBC3036		EL7832	Wicklow														
NBC3037		EL7832	Wicklow														
NBC3038		EL7832	Wicklow														
NBC3039		EL7832	Wicklow														
NBC3040		EL7832	Wicklow														
NBC3041		EL7832	Wicklow														
NBC3042		EL7832	Wicklow														
NBC3043		EL7832	Wicklow														
NBC3044		EL7832	Wicklow														
NBC3045		EL7832	Wicklow														
NBC3046		EL7832	Wicklow														
NBC3047		EL7832	Wicklow														
NBC3048		EL7832	Wicklow														
NBC3049		EL7832	Wicklow														
NBC3050		EL7832	Wicklow														
NBC3051		EL7832	Wicklow														
NBC3052		EL7832	Wicklow														
NBC3053		EL7832	Wicklow														
NBC3054		EL7832	Wicklow														
NBC3055		EL7832	Wicklow														
NBC3056		EL7832	Wicklow														
NBC3057		EL7832	Wicklow														

Hole Number	Hole Type	Current EL	Previous EL/ML	AMG East	AMG North	Total Depth (m)	CAT	LOGS			MINERAL		RESULTS				GENERAL GEOLOGICAL LOCATION
								L	P	GP	Pb	Zn	Interval (m)	Pb %	Zn %	Ag ppm	
NBC3058		EL7832	Wicklow														
NBC3059		EL7832	Wicklow														
NBC3060		EL7832	Wicklow														
NBC3061		EL7832	Wicklow														
NBC3062		EL7832	Wicklow														
NBC3063		EL7832	Wicklow														
NBC3064		EL7832	Wicklow														
NBC3065		EL7832	Wicklow														
NBC3066		EL7832	Wicklow														
NBC4001	P	EL7832	Wicklow EL675	530137	8309505	104	E	+			3	6					
NBC4001			Ochre Mine Claims			104					2	4	6-10	0.2	<0.05		
NBC4001													10-12	0.45	<0.05		
NBC4001													22-32	0.29	<0.05		
NBC4001													32-38	0.216	0.23		
NBC4001													38-52	0.24	2.249	10	
NBC4001													52-104	0.22	0.64	4	
NBC4002	P	EL7832	Wicklow EL675	529937	8309505	74	E	+			3	5					
NBC4002			Ochre Mine Claims			74					3	4	16-18	0.6	0.65		
NBC4002													18-30	0.06	1.84	9.5	
NBC4002													30-32	0.65	0.61		
NBC4002													32-40	0.023	1.882	13.5	
NBC4002													40-56	0.089	0.487	4	
NBC4002													58-74	0.25	0.638		
NBC4003	P	EL7832	Wicklow EL675	530377	8309505	66	E	+			5	5					
NBC4003						66					5	5	18-38	0.255	<0.05		
NBC4003													38-56	0.4	0.53		
NBC4003													56-58	4.45	3.4	22	
NBC4003													58-66	0.5	0.2875		
NBC4004	P	EL7832	Wicklow EL675	530537	8309505	77	E	+			4	4					
NBC4004						77					4	4	14-26	0.33	0.03		
NBC4004													26-46	0.528	0.468		
NBC4004													46-50	1.275	1.09	3.3	
NBC4004													50-52	0.18	0.39	2.2	
NBC4004													56-77	0.413	0.57	2.1	
NBC4005	P	EL7832	Wicklow EL675	530137	8309705	75	E	+			3	3					
NBC4005			Ochre Mine Claims			75					2	3	18-46	0.25	0.09		
NBC4005													46-75	0.255	0.53		
NBC4006	P	EL7832	Wicklow EL675	530337	8309705	80	E	+			3	1					
NBC4006			Ochre Mine Claims			80					2	2	14-24	0.3	<.05		
NBC4006													24-34	0.35	0.05		

Hole Number	Hole Type	Current EL	Previous EL/ML	AMG East	AMG North	Total Depth (m)	CAT	LOGS			MINERAL		RESULTS				GENERAL GEOLOGICAL LOCATION
								L	P	GP	Pb	Zn	Interval (m)	Pb %	Zn %	Ag ppm	
NBC4006													34-48	0.34	<.05		
NBC4006													48-58	0.37	0.122		
NBC4006													58-74	0.206	<.05		
NBC4006													74-80	0.4	0.25		
NBC4007	P	EL7832	Wicklow EL675	530137	8309305	95	E	+		G	5	4					
NBC4007			Ochre Mine Claims			95					5	4	15-18	0.375	<.05		
NBC4007													28-50	0.29	<.05		
NBC4007													50-92	0.269	0.276		
NBC4007													90-96	2.67	1.226		
NBC4008	P	EL7832	Wicklow	530303	8309305	52	E	+			3	1					
NBC4008			Ochre Mine Claims			52					2	1	12-52	0.4	<.05		
NBC4009	P	EL7832	Wicklow EL675	529937	8309705	86	E	+			3	1					
NBC4009			Ochre Mine Claims			86							58-60	0.25	0.4		
NBC4009													70-72	0.35	0.45		
NBC4009													18-84	0.4			
NBC4010	P	EL7832	Wicklow EL675	529737	8309505	70	E	+			4	3					
NBC4010			Ochre Mine Claims			70					2	2	10-30	0.485	0.13		
NBC4010													30-40	0.0224	0.29		
NBC4010													40-50	0.39	0.24		
NBC4010													50-56	0.4	<.05		
NBC4010													56-70	0.414	0.354		
NBC4011	P	EL7832	Wicklow EL675	529537	8309505	30	E	+			1	3					
NBC4011			Ochre Mine Claims			30					2	2	8-24	0.3187	<.05		
NBC4011													24-30	0.3666	0.48		
NBC4012	P	EL7832	Wicklow EL675	529337	8309505	32	E	+			3	1					
NBC4012			Ochre Mine Claims			32					2	2	10-16	0.3	<.05		
NBC4012													16-32	0.3577	0.2337		
NBC4013	P	EL7832	Wicklow EL675	529937	8309905	59.5	E	+			1	1					
NBC4013			Ochre Mine Claims			59.5					2	1	4-58	0.1925	<.05		
NBC4014	P	EL7832	Wicklow EL675	529137	8309505	26	E	+			3	1					
NBC4014			Ochre Mine Claims			26					2	2	10-22	0.25	<.05		
NBC4014													22-26	0.3	0.4		
NBC4015	P	EL7832	Wicklow EL675	528937	8309505	44	E	+			3	1					
NBC4015													2-44	0.326	<.05		
NBC4016	P	EL7832	Wicklow EL675	528637	8309505	95	E	+			3	1					
NBC4016			Ochre Mine Claims			95					2	1	42-60	0.32	<.05		
NBC4017	P	EL7832	Wicklow EL675	529737	8309905	118	E	+			3	1					
NBC4017						118					3	2	72-74	0.6	<.05		
NBC4017													108-110	0.5	0.1		
NBC4018	P	EL7832	Wicklow EL675	529937	8309305	70	E	+			3	4					

Hole Number	Hole Type	Current EL	Previous EL/ML	AMG East	AMG North	Total Depth (m)	CAT	LOGS			MINERAL		RESULTS				GENERAL GEOLOGICAL LOCATION
								L	P	GP	Pb	Zn	Interval (m)	Pb %	Zn %	Ag ppm	
NBC4018			Ochre Mine Claims			70					3	4	52-64	0.3816	0.48		
NBC4018													64-68	0.2225	1.85		
NBC4018													68-70	0.6	0.8		
NBC4019	P	EL7832	Wicklow EL675	529737	8309305	70	E	+			3	3					
NBC4019			Ochre Mine Claims			70					2	3	60-70	0.17	0.53		
NBC4019													20-46	~.4	~.55		
NBC4019													48-58	~.02	~.4		
NBC4020	P	EL7832	Wicklow EL675	530137	8309405	94	E	+			3	4					
NBC4020			Ochre Mine Claims			94					2	4	62-70	0.29	1.35		
NBC4020													70-94	0.29	0.24	7.1	
NBC4021	P	EL7832	Wicklow EL675	529537	8309305	60	E	+			1	4					
NBC4021			Ochre Mine Claims			60					2	4	26-36	0.1278	0.366		
NBC4021													36-48	0.03	1.055		
NBC4021													48-60	0.04	0.5		
NBC4022	P&D	EL7832	Wicklow EL675	529937	8309105	64	E	+			1	6					
NBC4022			Ochre Mine Claims			64					2	6	48-54	0.11	0.37		
NBC4022													54-60	0.052	8.45	93	
NBC4022													60-64	0.037	0.54		
NBC4023	P	EL7832	Wicklow EL675	529737	8309105	58	E	+			1	3					
NBC4023			Ochre Mine Claims			58							44-56	0.05	0.458		
NBC4023													(8-42)	<.05	~.4		
NBC4024	P	EL7832	Wicklow EL675	530137	8309105	56	E	+			1	1					
NBC4024			Ochre Mine Claims			56					2	2	28-36	0.1125	<.05		
NBC4024													50-56	<.1	0.25		
NBC4025	P	EL7832	Wicklow EL675	530137	8310105	100	E	+			1	1					
NBC4025			Ochre Mine Claims			100					2	1	88-90	0.1	<.05		
NBC4026	P	EL7832	Wicklow EL675	530937	8309505	38	E	+			1	1					
NBC4026			Ochre Mine Claims			38					1	2	14-28	<.1	0.14		
NBC4027	P	EL7832	Wicklow EL675	530737	8309505	49	E	+			1	3					
NBC4027			Ochre Mine Claims			49					2	2	20-28	<.1	0.4125		
NBC4027													28-32	0.325	0.3		
NBC4027													32-49	<.1	0.155		
NBC4028	P	EL7832	Wicklow EL675	531137	8309505	28	E				1	1					
NBC4028			Ochre Mine Claims			28					1	2	10-18	<.1	0.2		
NBC4029	P	EL7832	Wicklow EL675	531337	8309505	24	E	+			1	3					
NBC4029			Ochre Mine Claims			24					2	2	16-18	0.15	0.25		
NBC4029													18-24	<.1	0.366		
NBC4030	P	EL7832	Wicklow EL675	529337	8309305	44	E	+			1	4					
NBC4030			Ochre Mine Claims			44					2	4	20-22	0.2	0.4		
NBC4030													22-36	<.1	1.435		

Hole Number	Hole Type	Current EL	Previous EL/ML	AMG East	AMG North	Total Depth (m)	CAT	LOGS			MINERAL		RESULTS				GENERAL GEOLOGICAL LOCATION
								L	P	GP	Pb	Zn	Interval (m)	Pb %	Zn %	Ag ppm	
NBC4031	P	EL7832	Wicklow EL675	529935	8308905	90	E	+			1	4					
NBC4031			Ochre Mine Claims			90					1	5	70-80	0.068	0.542	3.04	
NBC4031													80-82	0.018	2.63	2	
NBC4031													82-90	0.0215	0.435	1.6	
NBC4032	P&D	EL7832	Wicklow EL675	530137	8308905	90	E	+		G	4	4					
NBC4032			Ochre Mine Claims			90					3	4	50-52	0.95	1.2		
NBC4032													60-68	0.325	0.5		
NBC4032													68-78	0.74	1.07		
NBC4032													78-90	0.39	0.68		
NBC4033	P	EL7832	Wicklow EL675	530137	8308704	52	E										
NBC4033			Ochre Mine Claims			52	No assays										
NBC4034	P	EL7832	Wicklow EL675	531537	8309505	46	E	+			1	3					
NBC4034			Ochre Mine Claims			46	No assays										
NBC4035	P	EL7832	Wicklow EL675	531737	8309505	89	E	+			1	3					
NBC4035			Ochre Mine Claims			89					2	2	74-80	<.1	0.45		
NBC4035													84-86	0.35	0.3		
NBC4036	P	EL7832	Wicklow EL675	531937	8309505	47	E										
NBC4036			Ochre Mine Claims			47	No assays										
NBC4037			Ochre Mine Claims			98					2	3	58-60	0.2	0.6		
NBC4037													76-84	0.2125	0.375		
NBC4037*	P	EL7832	Wicklow EL675	530450	8308900	98	E	+			1	3					
NBC4038			Ochre Mine Claims			115											
NBC4038*	P	EL7832	Wicklow EL675	530350	8308900	115	E										
NBC4039	P	EL7832	Wicklow EL675	530337	8309305	58	E	+		G							
NBC4039			Ochre Mine Claims			58											
NBC4040	P	EL7832	Wicklow EL675	531174	8310305	89	E	+		G	1	3	76-78	0.055	0.6		
NBC4040	P&RC		Ochre Mine Claims			89					1	3	76-78	0.055	0.6		
NBC4041			Ochre Mine Claims			72											
NBC4041*	P	EL7832	Wicklow EL675	530000	8309100	72	E	+		G							
NBC4042	P	EL7832	Wicklow EL675	530637	8309305	95	E	+		G	1	2	78-80	0.011	0.11		
NBC4042	P&RC		Ochre Mine Claims			95					1	2	78-80	0.011	0.11		
NBC4043	P	EL7832	Wicklow EL675	530537	8309905	71	E	+		G	1	2	64-66	0.055	0.26		
NBC4043	P&RC		Ochre Mine Claims			71					3	3	60-71	0.044	0.225		
NBC4044	P	EL7832	Wicklow EL675	530287	8309105	113	E	+		G	5	4	46-48	2.6	1.2		
NBC4044			Ochre Mine Claims			113							24-68	0.67	0.79		
NBC4044													68-112	0.129	0.266		
NBC4045	P	EL7832	Wicklow EL675	529635	8308905	74	E	+			1	4	38-40	0.07	1.15		
NBC4045			Ochre Mine Claims			74					1	4	36-40	0.0725	1.45		
NBC4045													54-66	0.06	0.656		
NBC4046	P	EL7832	Wicklow EL675	528295	8306305	108	E	+	+	G	1	1					

Hole Number	Hole Type	Current EL	Previous EL/ML	AMG East	AMG North	Total Depth (m)	CAT	LOGS			MINERAL		RESULTS				GENERAL GEOLOGICAL LOCATION
								L	P	GP	Pb	Zn	Interval (m)	Pb %	Zn %	Ag ppm	
NBC4047	P	EL7832	Wicklow EL675	527795	8306375	28	E										
NBC4047			Ochre Mine Claims			28	No assays										
NBC4048	P	EL7832	Wicklow EL675	527305	8306437	52	E	+	+	G	1	1	6-8	0.065	0.042		
NBC4048			Ochre Mine Claims			52					1	1	4-8	0.065	0.042		
NBC4049	P	EL7832	Wicklow EL675	530537	8309705	56	E	+		G	1	1					
NBC4049			Ochre Mine Claims			56					1	2	50-54	0.067	0.1775		
NBC4050	P	EL7832	Wicklow EL675	530037	8308705	89	E	+		G	5	6	60-70	2.1	0.5	18.4	
NBC4050			Ochre Mine Claims			89	(0-66m assay not avail)				2	5	66-72	0.35	2.88		
NBC4050													72-89	0.2	0.54		
NBC4050											4	6	52-62	2.05	0.484		
NBC4050													62-70	0.42	8.56		
NBC4050													76-78	0.51	1.25		
NBC4050											4	6	52-62	2.23	0.484		
NBC4050													62-70	0.42	8.56		
NBC4050													76-78	0.51	1.25		
NBC4051	P	EL7832	Wicklow EL675	531735	8308705	83	E	+		G	1	1					
NBC4052	P	EL7832	Wicklow EL675	531635	8309905	46	E	+		G	3	3	32-34	0.61	0.5		
NBC4052			Ochre Mine Claims			46					2	2	24-44	0.2245	0.2045		
NBC4053	P	EL7832	Wicklow EL675	531637	8310905	22	E				1	1					
NBC4053			Ochre Mine Claims			22					1	1	18-20	<.01	0.0175		
NBC4054			Ochre Mine Claims			24					1	1		<.01	<.01		
NBC4054*	P	EL7832	Wicklow EL675	531635	8311950	22	E				1	1					
NBC4055			Ochre Mine Claims			83					1	1		<.01	<.01		
NBC4055*	P	EL7832	Wicklow EL675	531635	8311450	83	E	+		G	1	1					
NBF1001		EL7832	EL675 Flapper Hill	535092	8315310	210	E	-	+	G	1	1					
NBF1001			EL675			210.3	assay not complete						48-57.7	0.034	0.0296		
NBF1002	P&D	EL7832	EL675 Flapper Hill	530392	8312795	317.8	E	+	+	G							
NBF1002			EL675			317.8	o assay										
NBF4001		EL7832	EL675 Flapper Hill	535910	8313182	17	G				1	1					
NBF4001			EL675			17					1	1		<.01	<.01		
NBF4002		EL7832	EL675	536085	8313083	10	G				1	1	6-8	0.35	0.12	N/A	
NBF4002			EL675			10					1	1	6-8	0.0356	0.012		
NBF4003			EL675			27					2	1	20-24	0.1681	0.041		
NBF4003*		EL7832	EL675 Flapper Hill	536150	8312800	27	G				1	1	20-24	0.16	0.04	N/A	
NBF4004			EL675			18					1	1		<.01	<.01		
NBF4004*		EL7832	EL675	536350	8312675	18	G				1	1		<.01	<.01	N/A	
NBF4005			EL675			18					1	1	14-16	0.007	0.018		
NBF4005*		EL7832	EL675	536525	8312575	18	G				1	1	14-16	<.01	<.01	N/A	
NBF4006			EL675			28					1	1		<.01	<.01		
NBF4006*		EL7832	EL675	536850	8312350	28	G				1	1		<.01	<.01	N/A	

Hole Number	Hole Type	Current EL	Previous EL/ML	AMG East	AMG North	Total Depth (m)	CAT	LOGS			MINERAL		RESULTS				GENERAL GEOLOGICAL LOCATION
								L	P	GP	Pb	Zn	Interval (m)	Pb %	Zn %	Ag ppm	
NBF4007			EL675			18					1	1		<.01	<.01		
NBF4007*		EL7832	EL675	537250	8312100	18	G				1	1		<.01	<.01	N/A	
NBF4008			EL675			8					1	1		<.01	<.01		
NBF4008*		EL7832	EL675	537050	8312250	8	G				1	1		<.01	<.01	N/A	
NBF4009		EL7832	EL675	536460	8313635	34	G				1	1	28-30	0.01	0.01	N/A	
NBF4009			EL675			34					1	1	28-30	0.013	0.013		
NBF4009*				536500	8313650								28-32				
NBF4010		EL7832	EL675	536632	8313546	12	G				1	1		<.01	<.01	N/A	
NBF4010			EL675			12					1	1		<.01	<.01		
NBF4011		EL7832	EL675	536807	8313440	19	G				1	1	18-19	0.01	0.03	N/A	
NBF4011			EL675			19					1	1	18-19	0.0124	0.027		
NBF4012		EL7832	EL675	536981	8313340	19	G				1	1	12-14	<.01	0.01	N/A	
NBF4012			EL675			19					1	1		<.01	<.01		
NBF4013		EL7832	EL675	537155	8313244	13	G				1	1		<.01	<.01	N/A	
NBF4013			EL675			13					1	1		<.01	<.01		
NBF4014		EL7832	EL675	537330	8313145	14	G				1	1	10-12	0.01	0.02	N/A	
NBF4014			EL675			14					1	1	10-12	0.0134	0.021		
NBF4015		EL7832	EL675	537086	8314415	22	G				1	1	16-18	0.01	0.04	N/A	
NBF4015													16-22				
NBF4015			EL675			22					1	1	16-18	0.019	0.054		
NBF4016		EL7832	EL675	537240	8314285	25	G				1	1	20-24	<.01	0.039	N/A	
NBF4016			EL675			25					1	1	20-22	0.004	0.052		
NBF4017		EL7832	EL675	537395	8314158	25	G				1	1	22-25	<.01	0.03	N/A	
NBF4017			EL675			25					1	1	24-24	0.003	0.038		
NBF4018		EL7832	EL675	537550	8314028	25	G				1	1	20-24	<.01	0.01	N/A	
NBF4018			EL675			25					1	1	22-24	0.0024	0.019		
NBF4019		EL7832	EL675	537702	8313900	25	G				1	1	20-24	<.01	0.05	N/A	
NBF4019			EL675			25					1	1	22-24	0.0028	0.053		
NBF4020		EL7832	EL675	537857	8313770	26	G				1	1	20-24	0.03	0.15	N/A	

APPENDIX 4

BASELINE SURVEY DETAILS

WARREN F. JOHNSON & CO.
Surveyors, Planners, Civil & Structural Engineers

Our Ref: D1008-NT/4

20 July 1994

The Project Manager
Delta Gold Management Limited
PO Box 98
WEST PERTH WA 6872

Attention: Mr David Gerlatly

Dear Sir

LEGUNE BASELINE SURVEY

Please find enclosed two prints of our plan B1396 showing details of the baseline survey as per instruction from a position of some 8313600m N and 537500m E near Standard Survey Mark Wicklow to the origin at the old Sandy Creek baseline at about 8299600m N and 520500m E.

All star iron pickets have co-ordinate values written on them as per plane grid from Australian Map Grid values on Standard Survey Mark Wicklow. These values are shown on the plan together with the true Australian Map Grid co-ordinates. The discrepancy between the given values of 8299600m N and 520500m E on the star iron found on the Sandy Creek baseline and the calculated Australian Map Grid values from the survey of 8299618.1m N and 520477.2m E is some 29.1m on a bearing of 308°26'.

The surveyor on site could not identify* the alignment of the Sandy Creek baseline from the star iron found, and could find no other marks to establish an alignment. As such a tie from the new baseline, apart from the star iron found, was not established.

Yours sincerely

WARREN F JOHNSON & CO

MVA:lm/6068

Encl: 2 x Plan B1396

* we did not look for.

P.O. Box 882, South Perth, Western Australia, 6151
20 Bowman Street, South Perth. Telephone: (09) 474 3340 Facsimile: (09) 474 3348
Also at Kununurra

WARREN F. JOHNSON & CO.
Surveyors, Planners, Civil & Structural Engineers

Our Ref: D1008-NT/4

4 August 1994

The Project Manager
Delta Gold Management Limited
PO Box 98
WEST PERTH WA 6872

Attention: Mr David Gerlatly / Mr Steve Vincent

Dear Sir

LEGUNE BASELINE SURVEY

Mr Steve Vincent came to our Kununurra office and advised that it was necessary for us to make further connections from the baselines and grid lines that we had surveyed to the original BHP grid at Sandy Creek.

Two of our surveyors, including Martin Van Asselt, will be back in Kununurra after Tuesday 9 August and in the following 10 to 14 days, Martin will make arrangements to meet somebody on site with a view to making this final connection.

Yours sincerely

Warren Johnson
WARREN F JOHNSON F.I.S. AUST.

WFJ:lm/6147

P.O. Box 882, South Perth, Western Australia, 6151
20 Bowman Street, South Perth. Telephone: (09) 474 3340 Facsimile: (09) 474 3348
Also at Kununurra

WARREN F. JOHNSON & CO.
Surveyors, Planners, Civil & Structural Engineers

Our Ref: D1008-NT/4

17 August 1994

The Manager
Delta Gold Management Limited
PO Box 98
WEST PERTH WA 6872

Attention: Mr David Gerlatly

Dear Sir

LEGUNE - NORTHERN TERRITORY BASE LINE SURVEY

We have now properly fixed the position of the Old Sandy Creek base line and we have revised our plan B1396, calling it Revision 1, showing the 5 marks picked up on the old base line and also showing the values of the co-ordinates as shown on the aluminium tags on those Star Iron Pickets.

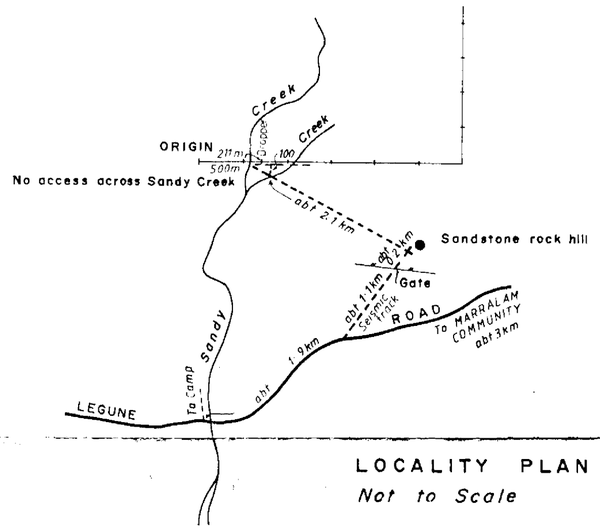
Yours sincerely

Warren Johnson
WARREN F JOHNSON F.I.S. AUST.

WFJ:lm/6239

Encl: 3 x Plan B1396

P.O. Box 882, South Perth, Western Australia, 6151
20 Bowman Street, South Perth. Telephone: (09) 474 3340 Facsimile: (09) 474 3348
Also at Kununurra

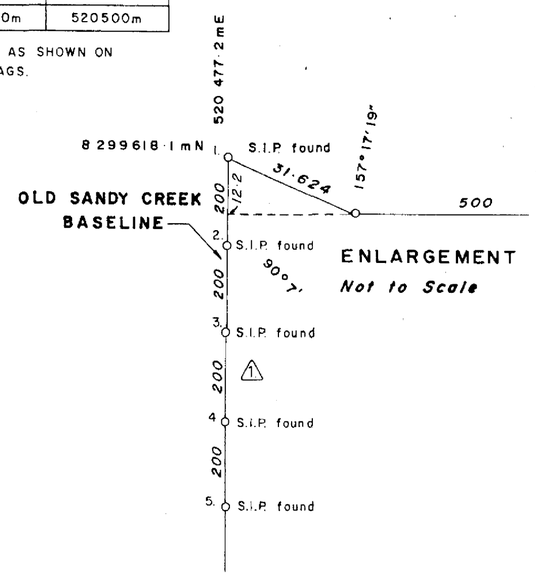


LOCALITY PLAN
Not to Scale

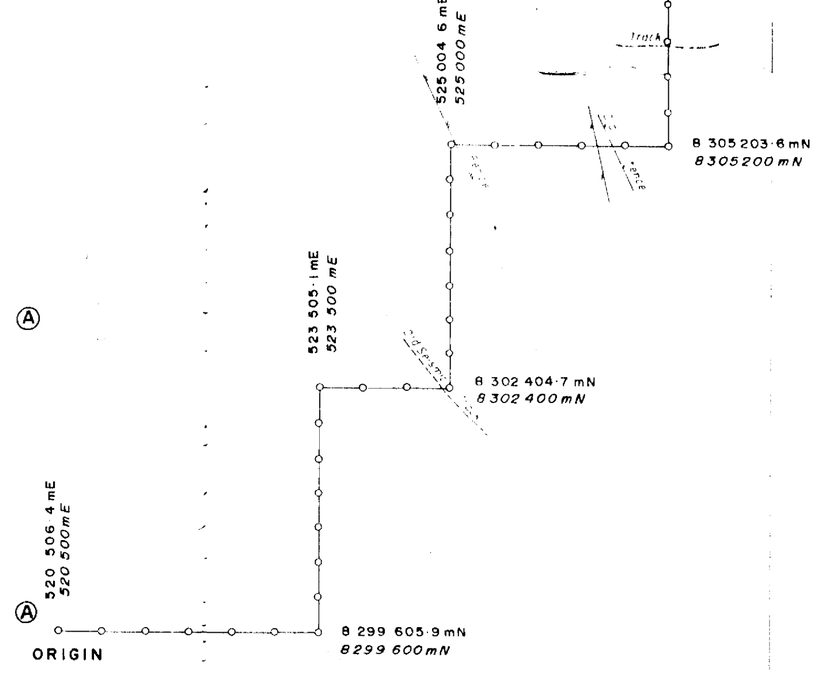
SANDY CREEK BASELINE

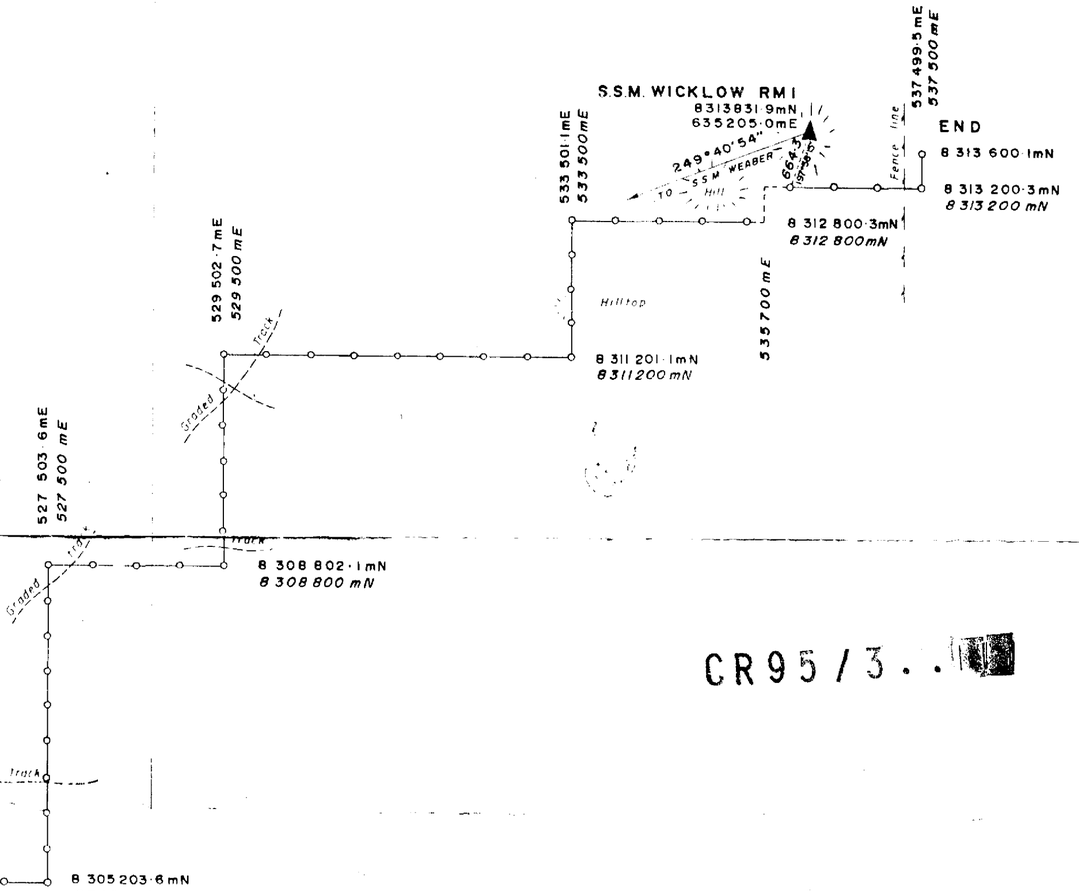
S.I.P.	NORTHING	EASTING
1.	8299600m	520500m
2.	8299400m	520500m
3	8299200m	520500m
4.	8299000m	520500m
5.	8298800m	520500m

- COORDINATES AS SHOWN ON ALUMINIUM TAGS.



ENLARGEMENT AT Ⓐ
Not to Scale





CR95/3..

NOTES

• DATUM OF CO-ORDINATES	A G D 84
• ORIGIN OF CO-ORDINATES	S.S.M. WICKLOW
• ORIENTATION	FROM S.S.M. WEABER
• 533 501·1 mE	CALCULATED A.M.G CO ORDINATES FROM S.S.M. WICKLOW
• *533 500 mE*	CO-ORDINATES ON PLANE GRID SET OUT FROM A.M.G. VALUES ON S.S.M. WICKLOW AS MARKED ON S.I.P.s
• ——○——	STAR IRON PICKET
	N-S 400m Interval
	E-W 500m Interval

No	REVISION	BY	CHECKED	DATE
1.	ADDITION OF OLD SANDY CREEK BASELINE	RU	[illegible]	16-8-94

APPENDIX 4

LEGUNE-NORTHERN TERRITORY BASELINE SURVEY

PREPARED FOR
DELTA GOLD

WARREN F JOHNSON & CO
SURVEYORS PLANNERS ENGINEERS
20 Bowman Street, SOUTH PERTH
Phone 474 3340

SCALE 1:50 000	DRAWN T CLARK	CHECKED	PLAN Nº B1396
DATE 19 7 94	COMPUTED	APPROVED	REV 1
	REF Nº D 1008 NT/4		

APPENDIX 5

CONVENTIONAL GEOCHEMICAL ANALYSES

GENALYSIS
LABORATORY
SERVICES PTY. LTD.

MAIN OFFICE & LAB 15-17 Davison St. Maddington WA 6109 PO Box 144 Gosnells WA 6110 Ph 09 459 9011 Fax 09 459 5343
KALGOORLIE SAMPLE PREP. DIVISION 12 Keogh Way Kalgoorlie WA 6430 PO Box 388 Kalgoorlie WA 6430 Ph 090 21 6057 Fax 090 21 3476

ATTENTION D GELLATLY
DELTA GOLD NL
PO BOX 98
WEST PERTH WA 6872
AUSTRALIA

ANALYTICAL REPORT.

COMMENTS : ATTENTION: Dr D GELLATLY/ M PINNELL...
COMMENTS : SOIL....

JOB INFORMATION

JOB CODE	:486.0/944629
NO. SAMPLES	:167
ELEMENTS	:3
CLIENT O/N	:6856
DATE RECEIVED	:15/08/94
DATE COMPLETED	:29/08/94

LEGEND

'X'	= LESS THAN DETECTION LIMIT
'N/L'	= SAMPLE NOT RECEIVED
'*'	= RESULTS CHECKED
'( )'	= RESULTS STILL TO COME
'I/S'	= INSUFFICIENT SAMPLE FOR ANALYSIS
'E6'	= RESULT x 1,000,000

SAMPLE PREPARATION DETAILS

SAMPLE STATE(S) & SAMPLE PREPARATION(S)

(0.02Kg)DR,SSMG

Abbreviations used for Preparation codes :

CP	: Coarse Pulverise	CR	: Crush	DR	: Dry
CUT	: Diamond Saw Cut	FP	: Fine Pulverise	HM	: Hammer Mill
SSMG	: Single Stage Mix & Grind	MS	: Mix & Split	O	: Other
NR	: Not Required	QTZ	: Quartz Clean Between	COMPS	: Composite
2X	: Two Splits				

Abbreviations used for Sample States :

CONC	: Concentrates	COST	: Costeans	CRJCT	: Coarse Rejects
D/CHIP	: Drill Chip	D/CORE	: Drill Core	D/CUT	: Drill Cuttings
HMC	: Heavy Mineral Concentrates	PERC	: Percussion Chip	PISLIT	: Pisolite
RC	: Reverse Circulation	R/CHIP	: Rock Chip	NR	: Not Required
SOLN	: Solutions	STRSED	: Stream Sediments	UNSPEC	: Unspecified
V/CHIP	: Vacuum Chip	V/DRIL	: Vacuum Drill	XCRJCT	: Ex Coarse Rejects

SAMPLE STORAGE OF SOLIDS :

BULK RESIDUES AND PULPS WILL BE STORED FOR 60 DAYS WITHOUT CHARGE. AFTER THIS TIME ALL BULK RESIDUES AND PULPS WILL BE STORED AT A RATE OF $1.20/cubic metre/day UNTIL YOUR WRITTEN ADVICE REGARDING COLLECTION OR DISPOSAL IS RECEIVED. EXPENSES RELATED TO THE RETURN OR DISPOSAL OF SAMPLES WILL BE CHARGED TO YOU AT COST.

SAMPLE STORAGE OF SOLUTIONS :

SAMPLES RECEIVED AS LIQUIDS ,WATERS OR SOLUTIONS WILL BE HELD FOR 6 WEEKS FREE OF CHARGE THEN DISPOSED OF , UNLESS WRITTEN ADVICE FOR RETURN OR COLLECTION IS RECEIVED.

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
SAMPLE NUMBERS			
Control Blank	X	X	X
1 56801-805 -200um	21	48	205
2 56806-810 -200um	7	11	60
3 56811-815 -200um	8	31	75
4 56816-820 -200um	8	15	30
5 56821-825 -200um	4	5	10
6 56826-830 -200um	9	8	15
7 56831-835 -200um	8	7	15
8 56836-840 -200um	8	12	20
9 56841-845 -200um	6	45	75
10 56846-850 -200um	8	26	130
11 56851-855 -200um	8	320 *	70
12 56856-860 -200um	5	36	35
13 56861-865 -200um	7	14	15
14 56866-870 -200um	4	3	5
15 56871-875 -200um	6	5	5
16 56876-880 -200um	3	5	10
17 56881-885 -200um	3	4	10
18 56886-890 -200um	2	10	15
19 56891-895 -200um	5	60	40
20 56896-900 -200um	6	17	15
21 56901-905 -200um	25	29	20
22 56906-910 -200um	27	28	15
23 56911-915 -200um	25	29	15
24 56916-920 -200um	22	26	10
25 56921-925 -200um	31	29	15
26 56926-930 -200um	23	23	15
27 56931-935 -200um	31	25	15
28 56936-940 -200um	28	24	10
STD: SYN7	90	110	60
29 56941-945 -200um	6	6	5
30 56946-950 -200um	4	6	5
31 56951-955 -200um	8	13	5
32 56956-960 -200um	7	8	15
33 56961-965 -200um	5	9	10
34 56966-970 -200um	4	27	20
35 56971-975 -200um	5	18	20
36 56976-980 -200um	7	10	20
37 56981-985 -200um	5	5	10
38 56986-990 -200um	3	3	5

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
39 56991-995 -200um	5	6	10
40 56996-57000 -200um	4	6	5
41 57001-005 -200um	7	78	225 *
42 57006-010 -200um	7	46	190 *
43 57011-015 -200um	8	24	30
44 57016-020 -200um	12	740 *	30
45 57021-025 -200um	16	43	15
46 57026-030 -200um	8	56	140
47 57031-035 -200um	7	37	80
48 57036-040 -200um	8	62	40
49 57041-045 -200um	10	52	30
50 57046-050 -200um	16	47	20
51 57051-055 -200um	9	7	20
52 57056-060 -200um	8	16	15
53 57061-065 -200um	8	32	50
54 57066-070 -200um	8	33	165
55 57066-070A -200um	4	6	5
56 57071-075 -200um	9	160 *	100
STD: PL2	880	280	275
57 57076-080 -200um	9	50	35
58 57081-085 -200um	18	66	20
59 57086-090 -200um	17	36	10
60 57091-095 -200um	7	26	50
61 57096-100 -200um	9	27	40
62 57101-105 -200um	6	66	25
63 57106-110 -200um	6	70	55
64 57111-115 -200um	5	26	30
65 57116-120 -200um	6	17	25
66 57121-125 -200um	9	16	30
67 57126-130 -200um	8	11	15
68 57131-135 -200um	7	21	25
69 57136-140 -200um	6	35	45
70 57141-145 -200um	4	49	50
71 57146-150 -200um	8	330 *	75
72 57151-155 -200um	7	220 *	75
73 57156-160 -200um	6	30	20
74 57161-165 -200um	3	6	5
57166-170 -200um	N/L	N/L	N/L
75 57171-175 -200um	17	34	15
76 57176-180 -200um	7	19	40

ELEMENTS		Cu	Zn	Pb	
UNITS		ppm	ppm	ppm	
DETECTION		1	1	5	
METHOD		C/AAS	C/AAS	C/AAS	
77	57181-185 -200um	7	72	70	
78	57186-190 -200um	15	26	15	
79	57191-195 -200um	8	27	35	
80	57196-200 -200um	7	130	130	
81	57201-205 -200um	5	125	190	*
82	57206-210 -200um	6	64	60	
83	57211-215 -200um	10	21	10	
84	57216-220 -200um	14	33	15	
STD:	SYN7	90	110	60	
85	57221-225 -200um	11	20	25	
86	57226-230 -200um	20	36	20	
87	57231-235 -200um	17	35	20	
88	57236-240 -200um	20	38	15	
89	57241-245 -200um	16	30	15	
90	57246-250 -200um	14	26	10	
91	57251-255 -200um	13	28	10	
92	57256-260 -200um	17	32	15	
93	57261-265 -200um	18	34	15	
94	57266-270 -200um	15	28	15	
95	57271-275 -200um	17	38	15	
96	57276-280 -200um	19	39	15	
97	57281-285 -200um	11	23	10	
98	57286-290 -200um	11	19	10	
99	57291-295 -200um	12	23	10	
100	57296-300 -200um	22	42	15	
101	57301-305 -200um	21	39	15	
102	57306-310 -200um	6	10	10	
103	57311-315 -200um	3	7	15	
104	57316-320 -200um	5	29	50	
105	57321-325 -200um	4	27	50	
106	57326-330 -200um	19	46	20	
107	57331-335 -200um	11	23	10	
108	57336-340 -200um	9	16	10	
109	57341-345 -200um	20	37	20	
110	57346-350 -200um	25	47	60	
111	57351-355 -200um	20	40	15	
112	57356-360 -200um	19	31	25	
STD:	PL2	820	290	280	
113	57361-365 -200um	11	19	10	
114	57366-370 -200um	10	22	10	

ELEMENTS		Cu	Zn	Pb
UNITS		ppm	ppm	ppm
DETECTION		1	1	5
METHOD		C/AAS	C/AAS	C/AAS
115	57371-375 -200um	7	17	5
116	57376-380 -200um	17	24	10
117	57381-385 -200um	19	37	10
118	57386-390 -200um	34	* 46	20
	57391-395 -200um	N/L	N/L	N/L
119	57396-400 -200um	12	22	5
120	57401-405 -200um	18	30	15
121	57406-410 -200um	12	20	10
122	57411-415 -200um	15	34	10
123	57416-420 -200um	17	41	15
124	57421-425 -200um	21	38	10
125	57426-430 -200um	21	50	15
126	57431-435 -200um	22	48	20
127	57436-440 -200um	23	72	15
128	57441-445 -200um	18	42	15
129	57446-450 -200um	20	47	15
130	57451-455 -200um	15	34	10
131	57456-460 -200um	16	78	15
132	57461-465 -200um	20	47	15
133	57466-470 -200um	22	58	15
134	57471-475 -200um	23	46	15
135	57476-480 -200um	21	145 *	15
136	57481-485 -200um	21	35	15
137	57486-490 -200um	15	33	15
138	57491-495 -200um	15	35	10
139	57496-500 -200um	11	23	5
140	57501-505 -200um	12	22	5
STD:	SYN7	88	110	60
141	57506-510 -200um	19	34	10
142	57511-515 -200um	16	35	10
143	57516-520 -200um	8	20	5
144	57521-525 -200um	22	46	15
145	57526-530 -200um	20	145 *	15
146	57531-535 -200um	12	20	5
147	57536-540 -200um	7	16	5
148	57541-545 -200um	14	31	15
149	57546-550 -200um	14	34	10
150	57551-555 -200um	18	35	10
151	57556-560 -200um	15	31	10
152	57561-565 -200um	11	25	5

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
153 57566-570 -200um	9	20	5
154 57571-575 -200um	10	17	5
155 57576-580 -200um	12	25	10
156 57581-585 -200um	16	33	10
157 57586-590 -200um	10	23	5
158 57591-595 -200um	6	17	X
159 57596-600 -200um	10	34	5
160 57601-605 -200um	8	23	10
161 57606-610 -200um	13	22	5
162 57611-615 -200um	13	22	10
163 57616-620 -200um	14	39	15
164 57621-625 -200um	12	22	5
165 57626-630 -200um	7	17	X
166 57631-635 -200um	5	17	5
167 57636-640 -200um	7	18	5
Ch.0001(56801-805 -200um)	18	48	205
Ch.0026(56926-930 -200um)	21	23	10
Ch.0051(57051-055 -200um)	8	8	15
Ch.0076(57176-180 -200um)	6	19	35
Ch.0101(57301-305 -200um)	18	40	15
Ch.0126(57431-435 -200um)	20	46	15
Ch.0151(57556-560 -200um)	16	27	5
STD: PL2	860	290	270

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< END OF REPORT >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

GENALYSIS LABORATORY SERVICES PTY. LTD.

LABORATORY REPORT

COMMENTS : ATTENTION : Dr D GELLATLY/ S VINCENT....
COMMENTS : UNSPEC....

JOB INFORMATION

JOB CODE	:486.0/944669
NO. SAMPLES	:195
ELEMENTS	:3
CLIENT O/N	:6857|UNSPEC
DATE RECEIVED	:17/08/94
DATE COMPLETED	:25/08/94

LEGEND

'X' = LESS THAN DETECTION LIMIT
'N/L' = SAMPLE NOT RECEIVED
'*' = RESULTS CHECKED
'( )' = RESULTS STILL TO COME
'I/S' = INSUFFICIENT SAMPLE FOR ANALYSIS
'E6' = RESULT x 1,000,000

486.0/944669 GENALYSIS (25/08/94) Part 1 / Page 1

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
SAMPLE NUMBERS			
1 Control Blank	X	X	X
2 54891	9	3	5
3 54892	12	5	5
4 54893	14	6	10
5 54894	17	8	15
6 54895	16	7	15
7 54896	12	6	10
8 54897	12	5	10
9 54898	4	1	X
10 54899	5	2	5
11 54900	12	7	15

GENALYSIS
LABORATORY
SERVICES PTY. LTD.

MAIN OFFICE & LAB 15-17 Davison St. Maddington WA 6109 PO Box 144 Gosnells WA 6110 Ph 09 459 9011 Fax 09 459 5343
KALGOORLIE SAMPLE PREP. DIVISION 12 Keogh Way Kalgoorlie WA 6430 PO Box 388 Kalgoorlie WA 6430 Ph 090 21 6057 Fax 090 21 3476

ATTENTION D GELLATLY
DELTA GOLD NL
PO BOX 98
WEST PERTH WA 6872
AUSTRALIA

ANALYTICAL REPORT.

COMMENTS : ATTENTION: DR D GELLATLY ...
COMMENTS : SOIL....

JOB INFORMATION

JOB CODE	:486.0/944239
NO. SAMPLES	:180
ELEMENTS	:3
CLIENT O/N	:6853
DATE RECEIVED	:29/07/94
DATE COMPLETED	:10/08/94

LEGEND

'X' = LESS THAN DETECTION LIMIT
'N/L' = SAMPLE NOT RECEIVED
'*' = RESULTS CHECKED
'( )' = RESULTS STILL TO COME
'I/S' = INSUFFICIENT SAMPLE FOR ANALYSIS
'E6' = RESULT x 1,000,000

ELEMENTS	Cu	Zn	Pb	
UNITS	ppm	ppm	ppm	
DETECTION	1	1	1	
METHOD	C/AAS	C/AAS	C/AAS	
SAMPLE NUMBERS				
Control Blank	X	X	X	
10 55946-950 -200um	X	4	7	
11 55951-955 -200um	X	4	10	
12 55956-960 -200um	1	5	8	
13 55961-965 -200um	X	5	5	
14 55966-970 -200um	3	6	6	
15 55971-975 -200um	4	92	340	*
16 55976-980 -200um	2	13	29	
17 55981-985 -200um	X	7	1	
18 55986-990 -200um	1	6	8	
19 55991-995 -200um	1	4	X	
20 55996-56000 -200um	X	3	X	
21 56001-005 -200um	1	11	17	
22 56006-010 -200um	1	6	X	
23 56011-015 -200um	2	7	14	
24 56016-020 -200um	4	5	12	
25 56021-025 -200um	1	4	3	
26 56026-030 -200um	5	5	7	
27 56031-035 -200um	7	24	17	
28 56036-040 -200um	5	350	56	
STD: SYN7	104	114	66	
29 56041-045 -200um	4	9	X	
30 56046-050 -200um	4	19	2	
31 56051-055 -200um	14	86	80	
32 56056-060 -200um	2	13	33	
33 56061-065 -200um	2	11	8	
34 56066-070 -200um	4	6	15	
35 56071-075 -200um	2	34	106	
36 56076-080 -200um	1	13	8	
37 56081-085 -200um	1	14	15	
38 56086-090 -200um	5	62	160	

ELEMENTS	Cu	Zn	Pb	
UNITS	ppm	ppm	ppm	
DETECTION	1	1	1	
METHOD	C/AAS	C/AAS	C/AAS	
39 56091-095 -200um	5	120	58	
40 56096-100 -200um	2	155	35	
41 56101-105 -200um	5	17	21	
42 56106-110 -200um	5	13	17	
43 56111-115 -200um	5	58	31	
44 56116-120 -200um	3	41	19	
45 56121-125 -200um	2	9	7	
46 56126-130 -200um	1	6	5	
47 56131-135 -200um	2	5	4	
48 56136-140 -200um	2	9	9	
49 56141-145 -200um	4	13	11	
50 56146-150 -200um	3	26	17	
51 56151-155 -200um	2	15	10	
52 56156-160 -200um	2	16	16	
53 56161-165 -200um	4	36	43	
54 56166-170 -200um	6	340	70	
55 56171-175 -200um	1	3	X	
56 56176-180 -200um	2	8	X	
STD: PC02	8500	2400	2000	
57 56181-185 -200um	4	11	7	
58 56186-190 -200um	3	17	1	
59 56191-195 -200um	3	66	5	
60 56196-200 -200um	2	12	3	
61 56201-205 -200um	4	160	70	
62 56206-210 -200um	3	54	70	
63 56211-215 -200um	4	32	118	
64 56216-220 -200um	3	7	X	
65 56221-225 -200um	5	9	9	
66 56226-230 -200um	5	14	6	
67 56231-235 -200um	5	42	17	
68 56236-240 -200um	2	33	11	
69 56241-245 -200um	1	11	X	
70 56246-250 -200um	3	45	58	
71 56251-255 -200um	3	39	52	
72 56256-260 -200um	4	114	275	*
73 56261-265 -200um	1	6	2	
74 56266-270 -200um	3	10	4	
75 56271-275 -200um	4	13	X	
76 56276-280 -200um	5	110	21	
77 56281-285 -200um	5	135	29	

ELEMENTS		Cu	Zn	Pb
UNITS		ppm	ppm	ppm
DETECTION		1	1	1
METHOD		C/AAS	C/AAS	C/AAS
78	56286-290 -200um	X	12	X
79	56291-295 -200um	2	33	45
80	56296-300 -200um	3	49	31
81	56301-305 -200um	5	35	42
82	56306-310 -200um	3	80	37
83	56311-315 -200um	3	230	44

S

96	56376-380 -200um	8	47	26
97	56381-385 -200um	5	8	2
98	56386-390 -200um	5	6	X
99	56391-395 -200um	9	18	23
100	56396-400 -200um	10	16	21
101	56401-405 -200um	7	84	52
102	56406-410 -200um	7	14	32
103	56411-415 -200um	4	13	34
104	56416-420 -200um	6	10	32
105	56421-425 -200um	7	8	16
106	56426-430 -200um	5	7	7
107	56431-435 -200um	4	6	14
108	56436-440 -200um	6	8	10
109	56441-445 -200um	3	9	21
110	56446-450 -200um	11	39	68
111	56451-455 -200um	7	13	25
112	56456-460 -200um	7	120	86
STD:	PC02	9400	2550	2500
113	56461-465 -200um	8	15	2
114	56466-470 -200um	2	33	8
115	56471-475 -200um	8	110	33

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	1
METHOD	C/AAS	C/AAS	C/AAS
116 56476-480 -200um	8	58	17
117 56481-485 -200um	8	23	5
118 56486-490 -200um	5	4	X
119 56491-495 -200um	8	7	X
120 56496-500 -200um	7	8	X
121 56501-505 -200um	6	22	13
122 56506-510 -200um	3	13	5
123 56511-515 -200um	3	6	X
124 56516-520 -200um	10	340 *	70
125 56521-525 -200um	6	20	9
126 56526-530 -200um	7	12	4
127 56531-535 -200um	5	8	10
128 56536-540 -200um	5	8	4
129 56541-545 -200um	7	10	4
130 56546-550 -200um	9	9	5
131 56551-555 -200um	5	4	X
132 56556-560 -200um	3	2	X
133 56561-565 -200um	5	5	3
134 56566-570 -200um	5	8	X
135 56571-575 -200um	4	6	X
136 56576-580 -200um	7	8	5
137 56581-585 -200um	7	8	10
138 56586-590 -200um	11	30	30
139 56591-595 -200um	6	11	8
140 56596-600 -200um	4	13	5
STD: SYN7	106	114	68
141 56601-605 -200um	5	23	17
142 56606-610 -200um	5	14	17
143 56611-615 -200um	4	9	5
144 56616-620 -200um	7	6	6
145 56621-625 -200um	9	47	24
146 56626-630 -200um	3	30	27
147 56631-635 -200um	2	4	2
148 56636-640 -200um	3	4	X
149 56641-645 -200um	6	9	9
150 56646-650 -200um	9	12	11
151 56651-655 -200um	7	8	6
152 56656-660 -200um	5	6	1
153 56661-665 -200um	2	3	X
154 56666-670 -200um	2	3	1

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	1
METHOD	C/AAS	C/AAS	C/AAS
155 56671-675 -200um	4	5	6
156 56676-680 -200um	10	330 *	76 *
157 56681-685 -200um	4	7	5
158 56686-690 -200um	4	9	5
159 56691-695 -200um	5	4	5
160 56696-700 -200um	1	6	X
161 56701-705 -200um	6	26	15
162 56706-710 -200um	3	9	8
163 56711-715 -200um	5	19	32
164 56716-720 -200um	5	27	41
165 56721-725 -200um	6	4	4
166 56726-730 -200um	2	5	2
167 56731-735 -200um	3	12	25
168 56736-740 -200um	5	34	74
STD: PC02	9600	2500	2450
169 56741-745 -200um	20	84	220
170 56746-750 -200um	11	275 *	390 *
171 56751-755 -200um	6	9	9
172 56756-760 -200um	3	10	22
173 56761-765 -200um	7	74	104
174 56766-770 -200um	9	160	240
175 56771-775 -200um	11	460 *	310 *
176 56776-780 -200um	6	11	11
177 56781-785 -200um	5	14	11
178 56786-790 -200um	6	54	29
179 56791-795 -200um	9	200	116
180 56796-800 -200um	12	410 *	235 *
Ch.0001(55901-905 -200um)	9	380	450
Ch.0026(56026-030 -200um)	6	5	9
Ch.0051(56151-155 -200um)	3	16	8
Ch.0076(56276-280 -200um)	7	114	21
Ch.0101(56401-405 -200um)	6	84	58
Ch.0126(56526-530 -200um)	5	12	6
Ch.0151(56651-655 -200um)	6	6	4
Ch.0176(56776-780 -200um)	6	10	11
STD: SYN7	106	116	68

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< END OF REPORT >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

GENALYSIS LABORATORY SERVICES PTY. LTD.

LABORATORY REPORT

COMMENTS : ATTENTION : Dr D GELLATLY/ S VINCENT....
COMMENTS : UNSPEC....

JOB INFORMATION

JOB CODE	:486.0/944669
NO. SAMPLES	:195
ELEMENTS	:3
CLIENT O/N	:6857|UNSPEC
DATE RECEIVED	:17/08/94
DATE COMPLETED	:25/08/94

LEGEND

'X' = LESS THAN DETECTION LIMIT
'N/L' = SAMPLE NOT RECEIVED
'*' = RESULTS CHECKED
'( )' = RESULTS STILL TO COME
'I/S' = INSUFFICIENT SAMPLE FOR ANALYSIS
'E6' = RESULT x 1,000,000

486.0/944669 GENALYSIS (25/08/94) Part 1 / Page 5

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS

193 57716	5	6	5
194 57717	6	14	10
195 57718	6	2	5
196 57719	5	2	15
197 57720	9	4	15
198 57721	6	13	20
199 57722	6	26	40
200 57723	5	29	30

486.0/944669 GENALYSIS (25/08/94) Part 1 / Page 6

ELEMENTS		Cu	Zn	Pb
UNITS		ppm	ppm	ppm
DETECTION		1	1	5
METHOD		C/AAS	C/AAS	C/AAS
201 57724		4	33	25
202 57725		5	2	25
203 Ch.0002(54891	)	9	2	5
204 Ch.0027(55046	)	5	3	5
205 Ch.0053(55086	)	7	1	5
206 Ch.0079(55111	)	3	X	X
207 Ch.0105(55246	)	6	X	X
208 Ch.0131(57641	)	1	6	X
209 Ch.0157(57666	)	9	6	5
210 Ch.0183(57691	)	12	8	180
211 SYN7		108	115	65

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GENALYSIS LABORATORY SERVICES PTY. LTD.

LABORATORY REPORT

COMMENTS : ATTENTION: D GELLATLY, S VINCENT ..
COMMENTS : SOIL....

JOB INFORMATION

JOB CODE	:486.0/944928
NO. SAMPLES	:176
ELEMENTS	:3
CLIENT O/N	:6860
DATE RECEIVED	:01/09/94
DATE COMPLETED	:07/09/94

LEGEND

'X' = LESS THAN DETECTION LIMIT
'N/L' = SAMPLE NOT RECEIVED
'*' = RESULTS CHECKED
'( )' = RESULTS STILL TO COME
'I/S' = INSUFFICIENT SAMPLE FOR ANALYSIS
'EG' = RESULT x 1,000,000

486.0/944928 GENALYSIS (07/09/94) Part 1 / Page 1

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	1
METHOD	C/AAS	C/AAS	C/AAS
SAMPLE NUMBERS			
1 Control Blank	X	X	X
2 57006	2	50	400
3 57007	2	62	235
4 57008	3	40	240
5 57009	1	20	102
6 57010	1	17	60
7 57011	4	28	49
8 57012	5	21	29
9 57013	4	13	19
10 57014	3	14	9
11 57015	3	16	11
12 57016	3	13	2
13 57017	1	17	4
14 57018	20	4400 *	78
15 57019	15	116 *	4
16 57020	8	30	2
17 57021	10	26	3
18 57022	14	34	6
19 57023	19	38	4
20 57024	10	26	2
21 57025	16	37	3
22 57026	6	35	74
23 57027	6	49	100
24 57028	4	60	140
25 57029	2	43	125
26 57030	5	72	300 *
27 57031	3	44	130
28 57032	4	36	106
29 57033	5	32	88
30 SYN7	102	102	64
31 57034	5	16	48
32 57035	5	19	29
33 57036	6	88	54
34 57037	6	52	28
35 57038	4	60	24
36 57039	4	37	11
37 57040	5	43	22
38 57041	4	80	47
39 57042	4	43	25
40 57043	X	15	2

486.0/944928 GENALYSIS (07/09/94) Part 1 / Page 2

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	1
METHOD	C/AAS	C/AAS	C/AAS
41 57044	13	52	10
42 57045	17	47	6
43 57046	15	43	9
44 57047	15	41	6
45 57048	16	33	8
46 57049	14	30	7
47 57050	17	34	6
48 57061	11	33	29
49 57062	5	34	52
50 57063	4	26	46
51 57064	3	22	135
52 57065	5	33	49
53 57066	5	23	200
54 57067	3	12	94
55 57068	4	44	295 *
56 57069	4	30	180
57 57070	11	43	170
58 57071	7	135 *	135
59 PL2	980	310	260
60 57072	7	185 *	150
61 57073	7	180 *	80
62 57074	9	310 *	150
63 57075	7	82	41
64 57076	8	78	66
65 57077	4	78	72
66 57078	2	30	28
67 57079	X	10	8
68 57080	2	27	7
69 57081	16	54	13
70 57082	14	42	7
71 57083	17	54	8
72 57084	17	43	15
73 57085	17	40	3
74 57316	5	18	46
75 57317	X	15	39
76 57318	X	11	40
77 57319	3	27	56
78 57320	3	70	100
79 57321	2	31	64
80 57322	4	62	135

486.0/944928 GENALYSIS (07/09/94) Part 1 / Page 3

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	1
METHOD	C/AAS	C/AAS	C/AAS
81 57323	X	26	47
82 57324	1	15	14
83 57325	X	5	5
84 57326	17	37	11
85 57327	20	46	6
86 57328	15	36	5
87 57329	17	43	9
88 SYN7	110	114	71
89 57330	17	40	7
90 57391-5	17	31	5
91 57411	19	29	7
92 57412	19	37	9
93 57413	10	22	3
94 57414	18	38	8
95 57415	12	23	5
96 57416	17	34	7
97 57417	15	32	8
98 57418	18	40	10
99 57419	16	32	8
100 57420	18	36	9
101 57421	19	37	11
102 57422	17	35	7
103 57423	20	43	12
104 57424	18	35	8
105 57425	17	29	7
106 57426	19	44	9
107 57427	18	37	9
108 57428	22	40	10
109 57429	22	41	12
110 57430	19	38	10
111 57431	21	40	14
112 57432	20	39	13
113 57433	19	36	7
114 57434	19	37	8
115 57435	18	38	9
116 57436	17	34	9
117 PL2	920	300	260
118 57437	26	52	12
119 57438	25	52	10
120 57439	24	49	9

486.0/944928 GENALYSIS (07/09/94) Part 1 / Page 4

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	1
METHOD	C/AAS	C/AAS	C/AAS
121 57440	26	50	14
122 57441	16	34	10
123 57442	18	34	8
124 57443	18	36	11
125 57444	14	32	6
126 57445	18	35	10
127 57446	19	45	11
128 57447	19	36	12
129 57448	19	35	13
130 57449	15	25	9
131 57450	19	39	9
132 57451	19	37	12
133 57452	11	25	5
134 57453	9	18	4
135 57454	14	26	7
136 57455	18	35	9
137 57456	14	30	7
138 57457	12	25	7
139 57458	14	27	6
140 57459	20	41	10
141 57460	16	27	6
142 57461	21	40	8
143 57462	20	38	7
144 57463	18	33	8
145 57464	23	43	10
146 SYN7	106	123	74
147 57465	20	42	11
148 57466	22	39	10
149 57467	16	28	8
150 57468	23	39	9
151 57469	25	44	11
152 57470	25	45	9
153 57471	21	39	8
154 57472	19	39	8
155 57473	21	42	10
156 57474	21	43	10
157 57475	23	43	10
158 57476	22	41	10
159 57477	13	27	1
160 57478	22	44	12

486.0/944928 GENALYSIS (07/09/94) Part 1 / Page 5

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	1
METHOD	C/AAS	C/AAS	C/AAS
161 57479	23	43	10
162 57480	23	46	10
163 57481	14	21	1
164 57482	23	46	11
165 57483	20	37	8
166 57484	17	31	5
167 57485	17	30	8
168 57486	19	38	11
169 57487	13	22	7
170 57488	11	23	5
171 57489	18	30	8
172 57490	14	27	7
173 57521	24	47	5
174 57522	20	39	6
175 PL2	1020	300	280
176 57523	26	44	9
177 57524	22	40	7
178 57525	24	44	9
179 57526	22	45	8
180 57527	22	40	7
181 57528	22	43	9
182 57529	20	38	9
183 57530	17	31	6
184 Ch.0002(57006)	3	54	390
185 Ch.0027(57031)	4	45	130
186 Ch.0053(57066)	5	24	190
187 Ch.0079(57321)	3	29	60
188 Ch.0105(57425)	17	28	5
189 Ch.0131(57450)	20	38	7
190 Ch.0157(57475)	22	43	10
191 Ch.0183(57530)	18	30	8
192 SYN7	102	110	66

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< END OF REPORT >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

GENALYSIS LABORATORY SERVICES PTY. LTD.

LABORATORY REPORT

COMMENTS : ATTENTION: D GELLATLY, S VINCENT ..
COMMENTS : PULP....

JOB INFORMATION

JOB CODE	:486.0/944823
NO. SAMPLES	:175
ELEMENTS	:3
CLIENT O/N	:6859|SOIL
DATE RECEIVED	:26/08/94
DATE COMPLETED	:07/09/94

LEGEND

'X' = LESS THAN DETECTION LIMIT
'N/L' = SAMPLE NOT RECEIVED
'*' = RESULTS CHECKED
'( )' = RESULTS STILL TO COME
'I/S' = INSUFFICIENT SAMPLE FOR ANALYSIS
'E6' = RESULT x 1,000,000

486.0/944823

/i

Please note samples numbered 57146 to 57150 were not received with this consignment.

486.0/944823 GENALYSIS (07/09/94) Part 1 / Page 1

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
SAMPLE NUMBERS			
1 Control Blank	1	X	X
2 56736	5	31	50
3 56737	6	37	80
4 56738	4	28	70
5 56739	5	27	80
6 56740	6	30	100
7 56741	6	40	120
8 56742	13	52	140
9 56743	7	66	210
10 56744	8	88	285
11 56745	8	140	420 *
12 56746	10	220	410 *
13 56747	9	195	330 *
14 56748	11	265	360 *
15 56749	11	400 *	460 *
16 56750	10	400 *	470 *
17 56751	8	10	20
18 56752	4	4	10
19 56753	4	9	10
20 56754	3	4	20
21 56755	2	2	5
22 56756	2	1	5
23 56757	2	4	10
24 56758	3	5	20
25 56759	3	10	40
26 56760	3	7	20
27 56761	4	22	40
28 56762	6	64	85
29 56763	6	62	90
30 SYN7	102	112	65
31 56764	7	80	130
32 56765	9	102	180
33 56766	9	110	195
34 56767	9	140	270
35 56768	10	145	250
36 56769	13	215	270
37 56770	11	230	285
38 56771	11	310	310 *
39 56772	10	360	310 *
40 56773	9	400 *	310 *

486.0/944823 GENALYSIS (07/09/94) Part 1 / Page 2

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
41 56774	8	580 *	330 *
42 56775	9	680 *	320 *
43 56786	2	10	15
44 56787	5	12	20
45 56788	7	43	35
46 56789	5	82	45
47 56790	7	114	50
48 56791	6	98	65
49 56792	9	130	95
50 56793	9	185	115
51 56794	9	300	160
52 56795	10	430	200
53 56796	14	520	265
54 56797	15	640 *	285 *
55 56798	14	460 *	215
56 56799	14	400	200
57 56800	9	275	235
58 56801	6	96	225
59 PL2	940	300	295
60 56802	7	60	240
61 56803	5	35	230
62 56804	5	26	240
63 56805	3	11	190
64 56806	4	8	70
65 56807	2	4	30
66 56808	2	6	25
67 56809	3	14	25
68 56810	8	22	140
69 56811	9	39	130
70 56812	6	38	130
71 56813	5	25	80
72 56814	5	27	70
73 56815	5	36	70
74 56816	4	21	40
75 56817	4	17	30
76 56818	4	9	25
77 56819	5	10	25
78 56820	7	13	20
79 56836	7	9	20
80 56837	4	6	15

486.0/944823 GENALYSIS (07/09/94) Part 1 / Page 3

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
81 56838P	13	31	55
82 56839	4	6	10
83 56840	5	14	35
84 56841	5	15	35
85 56842	5	56	45
86 56843	6	42	65
87 56844	9	62	155
88 SYN7	100	120	70
89 56845	8	39	125
90 56846	12	34	180
91 56847	9	21	120
92 56848	7	15	85
93 56849	7	17	115
94 56850	9	29	240
95 56856	3	23	15
96 56857	4	30	30
97 56858	5	47	55
98 56859	7	33	45
99 56860	6	23	35
100 56891	1	17	10
101 56892	5	120	95
102 56893	3	27	25
103 56894	7	86	50
104 56895	6	48	30
105 56966	5	16	20
106 56967	4	8	10
107 56968	4	12	10
108 56969	5	54	30
109 56970	4	34	35
110 56971	4	27	15
111 56972	6	13	20
112 56973	5	16	20
113 56974	4	16	20
114 56975	6	12	20
115 56976	5	8	15
116 56977	6	9	15
117 PL2	1000	285	285
118 56978	6	8	15
119 56979	8	9	15
120 56980	7	8	15

486.0/944823 GENALYSIS (07/09/94) Part 1 / Page 4

ELEMENTS	Cu	Zn	Pb	
UNITS	ppm	ppm	ppm	
DETECTION	1	1	5	
METHOD	C/AAS	C/AAS	C/AAS	
121 57001	6	21	90	
122 57002	6	36	135	
123 57003	8	82	255	
124 57004	8	135	540	*
125 57005	7	52	240	
126 57091	5	16	35	
127 57092	6	20	45	
128 57093	6	20	45	
129 57094	6	23	55	
130 57095	6	18	70	
131 57096	8	19	40	
132 57097	6	19	25	
133 57098	7	22	35	
134 57099	10	32	50	
135 57100	7	22	50	
136 57101	2	3	X	
137 57102	2	5	X	
138 57103	5	31	35	
139 57104	8	175	60	
140 57105	7	118	45	
141 57106	6	86	55	
142 57107	8	88	75	
143 57108	6	47	60	
144 57109	7	31	35	
145 57110	5	19	30	
146 SYN7	98	110	70	
147 57111	5	17	30	
148 57112	4	16	25	
149 57113	5	18	30	
150 57114	4	17	30	
151 57115	6	19	30	
152 57136	7	20	45	
153 57137	6	26	40	
154 57138	7	45	70	
155 57139	6	20	35	
156 57140	6	25	35	
157 57141	5	30	35	
158 57142	5	48	45	
159 57143	7	60	50	
160 57144	6	40	65	

486.0/944823 GENALYSIS (07/09/94) Part 1 / Page 5

ELEMENTS		Cu	Zn	Pb
UNITS		ppm	ppm	ppm
DETECTION		1	1	5
METHOD		C/AAS	C/AAS	C/AAS
161 57145		5	28	35
162 57152		15	660	* 200
163 57153		5	62	30
164 57154		6	100	40
165 57155		5	52	45
166 57181		6	19	40
167 57182		9	30	50
168 57183		8	35	55
169 57184		8	64	70
170 57185		10	165	120
171 57196		6	45	70
172 57197		7	112	130
173 57198		8	180	195
174 57201		9	120	195
175 PL2		1000	310	280
176 57202		8	88	155
177 57203		6	120	230
178 57206		7	47	45
179 57207		7	48	50
180 57208		7	56	60
181 57209		6	60	60
182 57210		7	60	65
183 Ch.0002(56736	)	7	32	45
184 Ch.0027(56761	)	3	22	40
185 Ch.0053(56796	)	13	490	240
186 Ch.0079(56836	)	9	11	20
187 Ch.0105(56966	)	5	17	15
188 Ch.0131(57096	)	7	17	40
189 Ch.0157(57141	)	6	28	35
190 SYN7		104	115	75

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< END OF REPORT >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

GENALYSIS LABORATORY SERVICES PTY. LTD.

LABORATORY REPORT

COMMENTS : ATTENTION : S VINCENT/ Dr D GELLATLY...
COMMENTS : SOIL....

JOB INFORMATION

JOB CODE	:486.0/944720
NO. SAMPLES	:302
ELEMENTS	:3
CLIENT O/N	:6858|SOIL
DATE RECEIVED	:22/08/94
DATE COMPLETED	:06/09/94

LEGEND

'X' = LESS THAN DETECTION LIMIT
'N/L' = SAMPLE NOT RECEIVED
'*' = RESULTS CHECKED
'( )' = RESULTS STILL TO COME
'I/S' = INSUFFICIENT SAMPLE FOR ANALYSIS
'E6' = RESULT x 1,000,000

486.0/944720 GENALYSIS (06/09/94) Part 1 / Page 1

Djibitgan

ELEMENTS	Cu	Zn	Pb	
UNITS	ppm	ppm	ppm	
DETECTION	1	1	5	
METHOD	C/AAS	C/AAS	C/AAS	
SAMPLE NUMBERS				
1 Control Blank	X	X	X	
2 56201	4	22	25	
3 56202	5	114	40	
4 56203	3	210	80	
5 56204	4	300	* 95	
6 56205	5	150	120	
7 56206	3	98	95	
8 56207	4	64	90	
9 56208	4	38	70	
10 56209	4	29	70	
11 56210	4	25	55	
12 56211	4	22	50	
13 56212	3	23	55	
14 56213	4	29	90	
15 56214	3	21	135	
16 56215	3	42	230	*
17 56231	5	21	20	
18 56232	7	27	15	
19 56233	6	34	20	
20 56234	8	48	25	
21 56235	7	64	20	
22 56236	8	84	25	
23 56237	13	45	20	
24 56238	4	21	10	
25 56239	1	16	10	
26 56240	2	10	X	
27 56251	3	40	45	
28 56252	3	30	45	
29 56253	4	27	40	
30 SYN7	100	112	65	
31 56254	4	38	45	
32 56255	4	35	75	
33 56256	4	26	70	
34 56257	5	33	105	
35 56258	7	130	330	*
36 56259	6	150	400	*
37 56276	6	19	20	
38 56277	6	30	15	
39 56278	6	48	25	
40 56279	6	125	50	

486.0/944720 GENALYSIS (06/09/94) Part 1 / Page 2

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
41 56280	7	275	30
42 56281	13	450 *	85
43 56282	8	185	55
44 56283	3	24	10
45 56284	4	102	35
46 56285	2	20	5
47 56291	4	6	5
48 56292	4	5	10
49 56293	3	8	30
50 56294	7	64	165
51 56295	5	84	40
52 56296	5	43	25
53 56297	3	44	25
54 56298	4	38	35
55 56299	2	41	20
56 56300	6	92	80
57 56301	5	26	55
58 56302	5	22	50
59 PL2	960	300	300
60 56303	6	21	45
61 56304	5	46	65
62 56305	4	29	25
63 56306	4	50	45
64 56307	4	48	35
65 56308	3	54	40
66 56309	4	80	45
67 56310	4	140	35
68 56311	6	165	25
69 56312	7	420 *	45
70 56313	9	320 *	60
71 56314	7	260	110
72 56315	1	16	10

Djibitgun

486.0/944720 GENALYSIS (06/09/94) Part 1 / Page 4

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS

N Winchrope

130 56376P	18	38	65
131 56377P	19	54	45
132 56378P	17	56	40
133 56379P	5	37	25
134 56380P	4	19	15
135 56391	5	9	25
136 56392	5	15	40
137 56393	5	12	85
138 56394	6	17	35
139 56395	9	27	55
140 56401	6	125	65
141 56402	3	155	70
142 56403	5	84	75
143 56404	4	29	70
144 56405	4	18	50
145 56406	6	14	50
146 SYN7	104	102	70
147 56407	6	17	50
148 56408	3	14	40
149 56409	3	8	30
150 56410	4	9	50
151 56411	3	5	45
152 56412	4	9	40
153 56413	3	3	35
154 56414	3	5	40
155 56415	5	8	45
156 56416	4	5	50
157 56417	6	7	60
158 56418	5	11	40
159 56419	7	12	40
160 56420	4	4	20

Djibtgun

486.0/944720 GENALYSIS (06/09/94) Part 1 / Page 5

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
161 56441	4	4	25
162 56442	2	2	20
163 56443	2	6	15
164 56444	3	8	30
165 56445	5	18	50
166 56446	7	23	60
167 56447	7	20	50
168 56448	7	39	75
169 56449	9	62	120
170 56450	6	39	75
171 56451	6	68	75
172 56452	7	98	100
173 56453	6	94	115
174 56454	5	120	100
175 PL2	980	300	310
176 56455	5	205	120
177 56456	4	24	100
178 56457	8	7	40
179 56458	8	8	20
180 56459	6	9	15
181 56460	4	9	5
182 56461	4	11	15
183 56462	5	10	15
184 56463	5	12	15
185 56464	4	16	10
186 56465	4	10	10
187 56466	2	X	5
188 56467	4	90	35
189 56468	3	19	5
190 56469	3	16	10
191 56470	4	43	25
192 56471	4	52	20
193 56472	7	106	45
194 56473	9	150	65
195 56474	6	88	35
196 56475	8	96	35
197 56476	9	80	35
198 56477	10	60	30
199 56478	9	48	25
200 56479	6	38	15

Djibitgun

486.0/944720 GENALYSIS (06/09/94) Part 1 / Page 6

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
201 56480	5	31	15
202 56481	6	41	20
203 56482	5	21	15
204 SYN7	102	104	65
205 56483	6	13	15
206 56484	8	13	10
207 56485	8	9	10
208 56501	5	9	10
209 56502	5	11	15
210 56503	5	18	20
211 56504	5	21	25
212 56505	4	34	40
213 56521	6	11	10
214 56522	6	13	10
215 56523	6	25	10
216 56524	7	20	15
217 56525	6	11	10
218 56586	8	8	15
219 56587	9	30	35
220 56588	13	32	35
221 56590	13	33	45
222 56601	2	22	20
223 56602	3	25	20
224 56603	5	19	20
225 56604	5	16	20
226 56605	3	18	15
227 56606	3	17	15
228 56607	2	17	20
229 56608	5	11	15
230 56609	4	8	10
231 56610	4	6	10
232 56621	4	13	15
233 PL2	960	290	300
234 56622	7	18	25
235 56623	6	33	25
236 56624	8	86	35
237 56625	5	54	50
238 56626	3	25	35
239 56627	2	20	15
240 56628	1	4	15

Djibidgun

486.0/944720 GENALYSIS (06/09/94) Part 1 / Page 7

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
241 56629	3	64	40
-1 56630	N/L	N/L	N/L
242 56711	5	18	35
243 56712	5	14	35
244 56713	4	12	40
245 56714	6	20	50
246 56715	5	14	50
247 56716	8	15	35
248 56717	5	17	40
249 56718	5	17	40
250 56719	2	23	45
251 56720	5	42	50
252 57701	10	360	* 120
253 57702	13	210	145
254 57703	7	70	65
255 57704	7	29	35
256 57705	4	23	40
257 57706	5	16	25
258 57707	5	12	25
259 57708	7	12	15
260 57709	5	9	15
261 57710	6	11	15
262 SYN7	100	120	70
263 57711	6	20	35
264 57712	7	37	65
265 57713	7	60	80
266 57714	9	130	80
267 57715	8	112	75
268 57726	8	125	90
269 57727	7	175	115
270 57728	8	140	175
271 57729	6	120	185
272 57730	8	84	175
273 57731	6	66	135
274 57732	8	130	105
275 57733	10	92	100
276 57734	7	56	70
277 57735	9	92	75
278 57736	5	35	45
279 57737	8	135	120

Djibigun

Wicklow

486.0/944720 GENALYSIS (06/09/94) Part 1 / Page 8

Wicklow

ELEMENTS		Cu	Zn	Pb
UNITS		ppm	ppm	ppm
DETECTION		1	1	5
METHOD		C/AAS	C/AAS	C/AAS
280 57738		5	102	50
281 57739		6	140	120
282 57740		5	410 *	240 *
283 57741		7	49	45
284 57742		9	42	45
285 57743		7	40	45
286 57744		6	20	40
287 57745		6	15	40
288 57746		6	12	20
289 57747		5	5	20
290 57748		5	2	15
291 PL2		980	300	300
292 57749		3	2	15
293 57750		6	4	15
294 57751		6	50	85
295 57752		13	114	80
296 57753		11	116	60
297 57754		8	195	50
298 57755		15	360 *	130
299 57756		7	37	95
300 57757		6	20	45
301 57758		6	16	35
302 57759		7	14	30
303 57760		7	11	20
304 57761		4	16	25
305 57762		5	3	25
306 57763		1	X	10
307 57764		2	1	10
308 57765		5	5	15
309 57766		6	16	30
310 57767		6	13	25
311 57768		8	13	25
312 57769		7	12	20
313 57770		7	9	20
314 Ch.0002(56201	)	2	21	25
315 Ch.0027(56251	)	3	35	55
316 Ch.0053(56297	)	3	39	30
317 Ch.0079(56322P	)	20	20	30
318 Ch.0105(56347	)	5	8	20
319 Ch.0131(56377P	)	18	52	45

486.0/944720 GENALYSIS (06/09/94) Part 1 / Page 9

ELEMENTS		Cu	Zn	Pb
UNITS		ppm	ppm	ppm
DETECTION		1	1	5
METHOD		C/AAS	C/AAS	C/AAS
320 Ch.0157(56417	)	6	6	55
321 Ch.0183(56462	)	4	8	10
322 Ch.0209(56502	)	4	8	15
323 Ch.0235(56623	)	5	32	25
324 Ch.0260(57709	)	4	6	10
325 Ch.0286(57744	)	5	15	40
326 Ch.0312(57769	)	8	10	20
327 SYN7		102	120	68

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< END OF REPORT >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

GENALYSIS
LABORATORY
SERVICES PTY. LTD.

AIM OFFICE & LAB 15-17 Davison St. Maddington WA 6109 PO Box 144 Gosnells WA 6110 Ph 09 459 9011 Fax 09 459 5343
ALGOORLIE SAMPLE PREP. DIVISION 12 Keogh Way Kalgoorlie WA 6430 PO Box 388 Kalgoorlie WA 6430 Ph 090 21 6057 Fax 090 21 3476

ATTENTION D GELLATLY
DELTA GOLD NL
PO BOX 98
WEST PERTH WA 6872
AUSTRALIA
..

ANALYTICAL REPORT.

COMMENTS : ATTENTION: DR D GELLATLY ..
COMMENTS : ROCK....

JOB INFORMATION

JOB CODE	:486.0/944342
NO. SAMPLES	:41
ELEMENTS	:3
CLIENT O/N	:6855
DATE RECEIVED	:03/08/94
DATE COMPLETED	:10/08/94

LEGEND

'X'	= LESS THAN DETECTION LIMIT
'N/L'	= SAMPLE NOT RECEIVED
'*'	= RESULTS CHECKED
'( )'	= RESULTS STILL TO COME
'I/S'	= INSUFFICIENT SAMPLE FOR ANALYSIS
'E6'	= RESULT x 1,000,000

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	1
METHOD	C/AAS	C/AAS	C/AAS
SAMPLE NUMBERS			
Control Blank	X	3	X
12 R26879	60	2050	3600
13 R26880	44	2050	700
14 R26881	150	720	2300
15 R26882	84	1120	780
16 R26883	116	9200 *	1800
17 R26884	64	1080	295
18 R26885	98	1700	5000 *
19 R26886	94	1100	390
20 R26887	88	2100	280
21 R26888	114	1120	390
22 R26889	106	1250	400
23 R26890	96	6200	1000
24 R26891	12	4100	740
25 R26892	28	5400	2200
26 R26893	9	1600	440
27 R26894	58	1300	2350
28 R26895	7	295	80
STD: SYN7	108	118	68
29 R26896	12	180	52
30 R26897	10	78	56
31 R26898	150	740	58
32 R26899	82	360	66
33 R26900	33	245	31
34 R26901	43	78	64
35 R26902	830 *	1600	130
36 R26903	460 *	1650	104
37 R26904	20	92	6
38 R26905	10	620	11

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	1
METHOD	C/AAS	C/AAS	C/AAS
39 R26906	12	960	5
Ch.0026(R26893)	10	1800	490
STD: PC02	8600	2400	2400

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< END OF REPORT >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

19 AUG 1994

GENALYSIS
LABORATORY
SERVICES PTY. LTD.

IN OFFICE & LAB 15-17 Davison St. Maddington WA 6109 PO Box 144 Gosnells WA 6110 Ph 09 459 9011 Fax 09 459 5343
LGOORLIE SAMPLE PREP. DIVISION 12 Keogh Way Kalgoorlie WA 6430 PO Box 388 Kalgoorlie WA 6430 Ph 090 21 6057 Fax 090 21 3476

ATTENTION D GELLATLY
DELTA GOLD NL
PO BOX 98
WEST PERTH WA 6872
AUSTRALIA
..

ANALYTICAL REPORT.

COMMENTS : ATTENTION: S VINCENT, D GELLATLY ..
COMMENTS : STD....

JOB INFORMATION

JOB CODE	:486.0/944639
NO. SAMPLES	:10
ELEMENTS	:3
CLIENT O/N	:6857|STD
DATE RECEIVED	:16/08/94
DATE COMPLETED	:18/08/94

LEGEND

'X' = LESS THAN DETECTION LIMIT
'N/L' = SAMPLE NOT RECEIVED
'*' = RESULTS CHECKED
'( )' = RESULTS STILL TO COME
'I/S' = INSUFFICIENT SAMPLE FOR ANALYSIS
'E6' = RESULT x 1,000,000

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
SAMPLE NUMBERS			
Control Blank	X	X	X
1 25843-01	7	330	80
2 25843-02	7	340	80
3 25843-03	5	330	75
4 25843-04	7	350	80
5 25843-05	8	320	80
6 25843-06	8	340	80
7 25843-07	6	330	75
8 25843-08	5	330	70
9 25843-09	5	330	70
10 25843-10	5	330	80
Ch.0001(25843-01)	7	330	75
STD: PL2	980	295	265

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< END OF REPORT >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

GENALYSIS LABORATORY SERVICES PTY. LTD.

LABORATORY REPORT

COMMENTS ATTENTION: DR D CELLATLY, S VINCENT
COMMENTS : ROCK . .

JOB INFORMATION

JOB CODE	486.0/944721
NO SAMPLES	:11
ELEMENTS	:4
CLIENT O/N	:6858|ROCK
DATE RECEIVED	:22/08/94
DATE COMPLETED	:31/08/94

LEGEND

'X' = LESS THAN DETECTION LIMIT
'N/L' = SAMPLE NOT RECEIVED
'*' = RESULTS CHECKED
'( )' = RESULTS STILL TO COME
'I/S' = INSUFFICIENT SAMPLE FOR ANALYSIS
'E6' = RESULT x 1,000,000

486.0/944721 GENALYSIS (31/08/94) Part 1 / Page 1

ELEMENTS	Co	Cu	Zn	Pb
UNITS	ppm	ppm	ppm	ppm
DETECTION	1	1	1	5
METHOD	C/AAS	C/AAS	C/AAS	C/AAS
SAMPLE NUMBERS				
1 Control Blank	X	X	X	X
2				
3				
4				
5				
6 R26913	26	12	2250	540
7 R26914	21	7	760	175
8 R26915	92	39	1250	115
9 R26916	29	11	450	65
10 R26917	35	31	600	220
11 R26918	40	36	2300	1350
12 R26919	28	45	6000	3500
13 Ch.000?(R26909	10	38	4900	940
14 SYN7	92	110	106	70

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< END OF REPORT >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

GENALYSIS
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ATTENTION D GELLATLY
DELTA GOLD NL
PO BOX 98
WEST PERTH WA 6872
AUSTRALIA
..

ANALYTICAL REPORT.

COMMENTS : ATTENTION: S VINCENT, D GELLATLY ..
COMMENTS : FILLET....

JOB INFORMATION

JOB CODE	:486.0/945484
NO. SAMPLES	:65
ELEMENTS	:3
CLIENT O/N	:6864|FILLET
DATE RECEIVED	:27/09/94
DATE COMPLETED	:12/10/94

LEGEND

'X' = LESS THAN DETECTION LIMIT
'N/L' = SAMPLE NOT RECEIVED
'*' = RESULTS CHECKED
'( )' = RESULTS STILL TO COME
'I/S' = INSUFFICIENT SAMPLE FOR ANALYSIS
'E6' = RESULT x 1,000,000

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
SAMPLE NUMBERS			
Control Blank	X	X	X
1 L52429	3	1250	75
2 L52430	4	800	70
3 L52431	5	1000	155
4 L52432	4	560	180
5 L52433	6	2000 *	225 *
6 L52434	5	400	85
7 L52435	3	380	75
8 L52436	3	540	110
9 L52437	7	2100 *	160
10 L52438	5	310	100
11 L52439	9	840	105
12 L52440	3	330	60
13 L52441	3	210	70
14 L52442	3	220	50
15 L52443	7	255	25
16 L52444	3	280	45
17 L52445	6	280	25
18 L52446	7	145	20
19 L52447	3	245	20
20 L52448	6	430	35
21 L52449	5	640	70
22 L52450	7	295	40
23 L52451	3	340	40
24 L52452	4	310	35
25 L52453	2	275	20
26 L52454	7	560	35
27 L52455	3	1250 *	120 *
28 L52456	4	600	120
STD: SYN7	106	112	65
29 L52457	6	1040	90
30 L52458	4	1000	80
31 L52459	3	1040	165
32 L52460	5	640	80
33 L52461	4	350	25
34 L52462	10	270	25
35 L52463	8	360	10
36 L52464	6	240	20
37 L52465	9	300	20
38 L52466	3	195	25

NRC 1003

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
39 L52467	3	190	10
40 L52468	3	114	10
41 L52469	5	70	20
42 L52470	6	265	20
43 L52471	10	205	20
44 L52472	4	310	20
45 L52473	8	175	25
46 L52474	6	190	20
47 L52475	4	135	20
48 L52476	4	58	20
49 L52477	5	29	15
50 L52478	8	23	20
51 L52479	4	84	25
52 L52480	3	200	15
53 L52481	2	185	25
54 L52482	2	270	30
55 L52483	5	440	30
56 L52484	2	200	25
STD: PL2	980	295	285
57 L52485	7	260	30
58 L52486	9	230	25
59 L52487	12	220	25
60 L52488	14	118	20
61 L52489	8	175	15
62 L52490	7	145	20
63 L52491	7	200	20
64 L52492	6	245	30
65 L52493	5	460	55
Ch.0001(L52429)	3	1250	70
Ch.0026(L52454)	7	560	40
Ch.0051(L52479)	3	88	25
STD: SYN7	108	108	66

NBC 1003

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< END OF REPORT >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

GENALYSIS
LABORATORY
SERVICES PTY. LTD.

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ATTENTION D GELLATLY
DELTA GOLD NL
PO BOX 98
WEST PERTH WA 6872
AUSTRALIA

ANALYTICAL REPORT.

COMMENTS : ATTENTION: S VINCENT, D GELLATLY ..
COMMENTS : UNSPEC....

JOB INFORMATION

JOB CODE	:486.0/945582
NO. SAMPLES	:38
ELEMENTS	:3
CLIENT O/N	:6866|UNSPEC
DATE RECEIVED	:30/09/94
DATE COMPLETED	:12/10/94

LEGEND

'X'	= LESS THAN DETECTION LIMIT
'N/L'	= SAMPLE NOT RECEIVED
'*'	= RESULTS CHECKED
'( )'	= RESULTS STILL TO COME
'I/S'	= INSUFFICIENT SAMPLE FOR ANALYSIS
'E6'	= RESULT x 1,000,000

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
SAMPLE NUMBERS			
Control Blank	1	1	X
1 L52494	14	410	35
2 L52495	13	360	50
3 L52496	15	310	90
4 L52497	9	108	30
5 L52498	10	94	15
6 L52499	8	76	15
7 L52500	7	185	55
8 L52501	13	500	70
9 L52502	8	330	110
10 L52503	20	2500	960
11 L52504	35	2750	5200
12 L52505	36	4800	3600
13 L52506	9	560	720
14 L52507	45	4400	1.55%*
15 L52508	49	3800	1.16%*
16 L52509	6	106	190
17 L52510	16	285	125
18 L52511	13	225	95
19 L52512	7	100	85
20 L52513	8	112	95
21 L52514	10	350	50
22 L52515	12	2750	1650
23 L52516	38	1.25%*	5800
24 L52517	27	3400	7800
25 L52518	13	3300	260
26 L52519	11	600	600
27 L52520	13	1600	7600
28 L52521	17	2300	4700
STD: SYN7	104	102	75
29 L52522	19	3100	4700
30 L52523	13	3000	130
31 L52524	16	460	60
32 L52525	14	1500	1500
33 L52526	12	125	95
34 L52527	13	106	540
35 L52528	25	48	110
36 L52529	35	37	30
37 L52530	20	46	35
38 L52531	96	* 140	410

DDH 114

ELEMENTS		Cu	Zn	Pb
UNITS		ppm	ppm	ppm
DETECTION		1	1	5
METHOD		C/AAS	C/AAS	C/AAS
Ch.0001(L52494	)	17	400	40
Ch.0026(L52519	)	8	580	600
STD: PL2		960	290	280

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< END OF REPORT >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

BZP

GENALYSIS LABORATORY SERVICES PTY. LTD.

LABORATORY REPORT

COMMENTS : ATTENTION: S VINCENT, D GELLATLY ..
COMMENTS : FILLET....

JOB INFORMATION

JOB CODE	:486.0/945824
NO. SAMPLES	:102
ELEMENTS	:3
CLIENT O/N	:6867|FILLET
DATE RECEIVED	:12/10/94
DATE COMPLETED	:27/10/94

LEGEND

'X' = LESS THAN DETECTION LIMIT
'N/L' = SAMPLE NOT RECEIVED
'*' = RESULTS CHECKED
'( )' = RESULTS STILL TO COME
'I/S' = INSUFFICIENT SAMPLE FOR ANALYSIS
'E6' = RESULT x 1,000,000

486.0/945824 GENALYSIS (27/10/94) Part 1 / Page 1

ELEMENTS	Zn	Ag	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
SAMPLE NUMBERS			
1 Control Blank	X	X	X
2 L52532	960		160
3 L52533	500		140
4 L52534	1080		215
5 L52535	1250		190
6 L52536	3100		290
7 L52537	2250		95
8 L52538	3400		270
9 L52539	2450		180
10 L52540	2000		500
11 L52541	620		30
12 L52542	2550		145
13 L52543	2350		140
14 L52544	5400		205
15 L52545	6200	*	390
16 L52546	4600		145
17 L52547	4700		100
18 L52548	2450		90
19 L52549	2450		95
20 L52550	2850		125
21 L52551	270		30
22 L52552	320		45
23 L52553	330		55
24 L52554	800		85
25 L52555	390		45
26 L52556	720		50
27 L52557	580		45
28 L52558	1450		40
29 L52559	1250		50
30 SYN7	110	10	70
31 L52560	640		30
32 L52561	400		40
33 L52562	145		15
34 L52563	215		25
35 L52564	106		20
36 L52565	320		10
37 L52566	72		10
38 L52567	104		5
39 L52568	58		20
40 L52569	106		15

NBO 1002

486.0/945824 GENALYSIS (27/10/94) Part 1 / Page 2

ELEMENTS	Zn	Ag	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
41 L52570	98		10
42 L52571	110		20
43 L52572	56		10
44 L52573	165		20
45 L52574	90		10
46 L52575	285		20
47 L52576	82		20
48 L52577	180		15
49 L52578	220		15
50 L52579	160		10
51 L52580	45		5
52 L52581	270		10
53 L52582	52		5
54 L52583	118		10
55 L52584	70		10
56 L52585	58		5
57 L52586	35		5
58 L52587	9		X
59 PL2	300	4	255
60 L52588	52		5
61 L52589	17		10
62 L52590	21		5
63 L52591	52		10
64 L52592	44		10
65 L52593	16		10

NBO 1002

GENALYSIS
LABORATORY
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ATTENTION D GELLATLY
DELTA GOLD NL
PO BOX 98
WEST PERTH WA 6872
AUSTRALIA

ANALYTICAL REPORT.

COMMENTS : ATTENTION: S VINCENT, D GELLATLY ..
COMMENTS : FILLET....

JOB INFORMATION

JOB CODE	:486.0/945588
NO. SAMPLES	:64
ELEMENTS	:3
CLIENT O/N	:6862|FILLET
DATE RECEIVED	:30/09/94
DATE COMPLETED	:12/10/94

LEGEND

'X' = LESS THAN DETECTION LIMIT
'N/L' = SAMPLE NOT RECEIVED
'*' = RESULTS CHECKED
'( )' = RESULTS STILL TO COME
'I/S' = INSUFFICIENT SAMPLE FOR ANALYSIS
'E6' = RESULT x 1,000,000

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
SAMPLE NUMBERS			
Control Blank	1	1	X
1 L52381	8	420	30
2 L52382	9	960	145
3 L52383	7	520	45
4 L52384	6	180	5
5 L52385	4	265	30
6 L52386	5	300	50
7 L52387	8	290	10
8 L52388	3	205	10
9 L52389	3	160	5
10 L52390	3	240	30
11 L52391	35	740	40
12 L52392	38	230	20
13 L52393	28	215	50
14 L52394	52	165	20
15 L52395	46	295	35
16 L52396	31	490	10
17 L52397	44	290	5
18 L52398	30	640	20
19 L52399	22	720	10
20 L52400	20	880	25
21 L52401	17	680	15
22 L52402	34	295	15
23 L52403	52	230	15
24 L52404	48	420	50
25 L52405	70	1000	135
26 L52406	116	640	760
27 L52407	56	4300	1300
28 L52408	52	4100	1250
STD: SYN7	96	102	66
29 L52409	66	5200 *	2800
30 L52410	58	5400 *	2200
31 L52411	1700 *	6600 *	1.75%*
32 L52412	23	490	240
33 L52413	56	1160	7000 *
34 L52414	39	5000 *	1.50%*
35 L52415	10	1080	275
36 L52416	11	980	460
37 L52417	9	1700	390
38 L52418	4	580	215

NBO 1003

NBC 1002

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
39 L52419	5	900	430
40 L52420	4	760	180
41 L52421	6	840	350
42 L52422	6	660	410
43 L52423	4	1250	125
44 L52424	5	640	150
45 L52425	5	560	85
46 L52426	6	800	60
47 L52427	5	1120	120
48 L52428	7	560	45

NBC 1002

STD: SYN7	104	106	70

<< END OF REPORT >>

7469
Fillet

GENALYSIS
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ATTENTION D GELLATLY
DELTA GOLD NL
PO BOX 98
WEST PERTH WA 6872
AUSTRALIA
..

ANALYTICAL REPORT.

COMMENTS : ATTENTION: DR D GELLATLY, S VINCENT ..
COMMENTS : FILLET....

JOB INFORMATION

JOB CODE	:486.0/945342
NO. SAMPLES	:80
ELEMENTS	:3
CLIENT O/N	:6861|FILLET
DATE RECEIVED	:20/09/94
DATE COMPLETED	:28/09/94

LEGEND

'X' = LESS THAN DETECTION LIMIT
'N/L' = SAMPLE NOT RECEIVED
'*' = RESULTS CHECKED
'( )' = RESULTS STILL TO COME
'I/S' = INSUFFICIENT SAMPLE FOR ANALYSIS
'E6' = RESULT x 1,000,000

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
SAMPLE NUMBERS			
Control Blank	X	X	X
1 L52301	28	24	10
2 L52302	35	84	20
3 L52303	30	45	15
4 L52304	32	58	15
5 L52305	21	56	5
6 L52306	34	54	20
7 L52307	30	80	20
8 L52308	26	24	5
9 L52309	29	62	15
10 L52310	30	170	30
11 L52311	29	175	75
12 L52312	60	255	90
13 L52313	29	1700	80
14 L52314	15	2300	310
15 L52315	6	1550	100
16 L52316	8	4200	135
17 L52317	7	4300	180
18 L52318	8	3800	150
19 L52319	7	6000 *	420 *
20 L52320	8	3500	200
21 L52321	12	760	55
22 L52322	13	1650	310
23 L52323	9	960	155
24 L52324	8	1550	470 *
25 L52325	9	4900 *	920 *
26 L52326	6	1700	210
27 L52327	13	780	75
28 L52328	13	400	30
STD: SYN7	104	116	65
29 L52329	8	920	70
30 L52330	14	390	35
31 L52331	10	400	40
32 L52332	7	72	15
33 L52333	5	34	15
34 L52334	6	25	20
35 L52335	11	54	30
36 L52336	13	90	30
37 L52337	3	220	20
38 L52338	2	72	65

NBO 1003

ELEMENTS	Cu	Zn	Pb
UNITS	ppm	ppm	ppm
DETECTION	1	1	5
METHOD	C/AAS	C/AAS	C/AAS
39 L52339	5	28	145
40 L52340	8	780	110
41 L52341	4	360	55
42 L52342	8	265	70
43 L52343	4	170	40
44 L52344	5	320	55
45 L52345	9	860	110
46 L52346	10	410	40
47 L52347	3	190	30
48 L52348	6	180	15
49 L52349	4	54	15
50 L52350	4	60	15
51 L52351	4	98	15
52 L52352	5	250	70
53 L52353	4	112	30
54 L52354	4	78	15
55 L52355	4	125	20
56 L52356	4	225	25
STD: PL2	960	300	260
57 L52357	8	260	30
58 L52358	7	155	30
59 L52359	11	140	30
60 L52360	7	250	65
61 L52361	6	370	70
62 L52362	5	270	30
63 L52363	5	310	30
64 L52364	5	430	65
65 L52365	5	135	25
66 L52366	3	205	40
67 L52367	5	310	50
68 L52368	2	270	35
69 L52369	6	350	60
70 L52370	9	460	100
71 L52371	9	600	125
72 L52372	7	400	60
73 L52373	7	340	65
74 L52374	9	490	50
75 L52375	7	145	30
76 L52376	9	320	25
77 L52377	5	120	20

NBO 1003

ELEMENTS		Cu	Zn	Pb
UNITS		ppm	ppm	ppm
DETECTION		1	1	5
METHOD		C/AAS	C/AAS	C/AAS
78 L52378		5	240	25
79 L52379		4	190	30
80 L52380		8	740	60
Ch.0001(L52301	)	24	27	15
Ch.0026(L52326	)	6	1600	195
Ch.0051(L52351	)	5	110	20
Ch.0076(L52376	)	7	320	20
STD: SYN7		102	114	65

NBO 1003

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< END OF REPORT >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

APPENDIX 6

SAMPLE RECORD SHEETS

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area: ALVERGNE Property or Prospect: SANDY CK (EL 6969)

Date: 22-6-94, 23-6-94 Collected by: DCG/ATV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
54881	Sandy loam; pale buff	522 000 8299200							
82	" " ; pale cream-buff	100 "							
83	" " ; " " "	200 "							
84	Silty clay loam; pale-br	300 "							
85	Clay loam; pale grey	400 "							
86	Silty sandy loam; brown	500 "							
87	" " " ; orange br	600 "							
88	Silty loam; br	700 "							
89	" " ; br	800 "							
90	Sandy loam; pale br-buff	518900 - 8296600N							
91	Sandy loam; pale buff-br	518800 E 8299600N							
92	Sandy loam; pale buff br	518900 E "							
93	" " ; " "	518700 E "							
94	Clayey sandy loam; mid br	518800 E "							
95	" " " ; pale buff-br	518900 E "							
96	" " " ; buff	519000 "							
97	" " " ; yellow ochre	519100 "							
98	Sandy pisolitic laterite; pale buff	519200 "							
99	Sandy " " ; pale br-grey	519300 "							
900	Sandy clay loam; or-br/grey mottled	519400 "							

WILGA MINES N.L.
SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 8/7/94 Collected by: PRM/AGN Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
55946	Orange brown fine sand	33400E 8306000N							
47	Orange br " "	33300E							
48	" " " "	33200E							
49	" " " "	33100E							
50	Buff Orange " "	33000E							
51	" " " "	32900E							32880E - Seismic track 135°
52	Orange br " "	32800E							32750E sandstone or ridge
53	Or Gr brown " "	32700E							32780 siliceous banding reg.
54	Orange br " "	32600E							Stony sandstone o/c
55	Or Gr brown " "	32500E							
56	Or br " "	32400E							
57	" " silty sand	32300E							
58	" " fine sand	32200E							
59	" " " "	32100E							
60	" " " "	32000E							
61	" " silty sand	31900E							
62	" " fine sand	31800E							
63	" " " "	31700E							
64	" " " "	31600E							
65	" " " "	31500E							
55966	" " " "	31400E 8306000N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 8/7/94 Collected by: AGN PRM Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments / 170°
55967	Orange brown fine sand	31300E 8306000N							31255E Major track
68	" " " "	31200E							31185E · Minor track 170°
69	Grey brown fine sand	31100E							
70	" " silty sand	31000E							
71	yellow gr br silty sand	30900E							
72	Orange brown silty sand	30800E							
73	" " " "	30700E							
74	Red brown " "	30600E							
75	" " " "	30500E 8306000N							~~304 00E~~ Sandstone hill (BRECCIA?)
76	lt Brown fine silty sand	30500E 8305600N							30200E Main Rd
77	" " " " "	30600E							Laterite o/c + Pisolite.
78	" " " " "	30700E							
79	Grey/Brown " " "	30800E							
80	lt Grey fine sand	30900E							
81	" " " "	31000E							
82	" " " "	31100E							
83	Brown fine sand	31200E							
84	Orange Brown fine sand	31300E							31380 N/S track
85	" " " "	31400E							31425 track 170°
86	" " " "	31500E							
55987	" " " "	31600E 8305600N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 9/7/94 | Collected by: AGN/PRM. | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
55988	Red/Brown fine sand.	31700E 8305600N							
89	" " " "	31800E							
90	" " " "	31900E 8305600N							
91	lt Br fine silty sand	31400E 8305200N							31485 Main track 170°
92	" " " "	31300E							31440 Minor " 170°
93	" " " "	31200E							
94	lt " " sand	31100E							
95	lt Grey fine sand	31000E							
96	lt Grey/Brown fine sand	30900E							
97	" " " "	30800E							
98	" " " "	30700E							
99	" " " "	30600E							
56000	" " " "	30500E 8305200N							
01	Brown fine silty sand	31000E 8306400N							31100E Track 170°
02	" " " "	31100E							31325 Main Track 170°
03	" " " "	31200E							
04	Orange/Brown fine sand.	31300E							
05	Brown fine sand	31400E							
06	Orange/Brown fine sand.	31500E							
07	Brown fine sand.	31600E							
56008	" " "	31700E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 9/7/94 | Collected by: AGN/RRM | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56009	Orange Brown fine sand	31800E 8306400N							
10	lt Brown fine sand	31900E							
11	" " " "	32000E							
12	Grey Brown " "	32100E							
13	" " " "	32200E							Pisolites
14	lt " " "	32300E							"
15	" " " "	32400E							32350E Sandstone o/p
16	" " " "	32500E							32450E Track 130°
17	" " " "	32600E							
18	lt Grey " "	32700E							
19	" Brown " silty sand	32800E							
20	Red Brown silty sand	32900E							
21	" " fine sand	33000E							
22	" " " "	33100E							
23	" " " "	33200E							
24	Brown fine sand	33300E							
25	Orange Brown fine sand	33400E 8306400N							
26	Orange brown " "	33000E 8306800N							
27	Red brown fine sand	33100E							[illegible] Track 130°
28	Red brown fine sand	32200E							
56029	Orange brown fine sand	33300E 8306800N							

WILGA MINES N.L.
SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 9/7/94 Collected by: AGN/PRM. Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56030	Mid brown fine sand	33400E 8306800N							
31	Mid brown fine sand	33500E							
32	Orange brown " "	33600E							
33	" " " "	33700E							
34	Grey brown silty sand	33800E							
35	Orange Brown Silty sand	33900E							Near sandstone hill
36	STD								
37	✓								
38	✓								
39	✓								
40	✓								
41	Red brown fine sand	33000E 8307200N							
42	Orange brown fine sand	33100E							
43	Red brown fine sand	33200E							
44	Red brown fine sand	33300E							
45	Mid brown fine sand	33400E							
46	" " " "	33500E							
47	Orange brown " "	33600E							
48	Mid brown " "	33700E							
49	Red brown " "	33800E							
56050	" " " "	33900E 8307200N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 9/7/94 | Collected by: AGN/PRM | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56051	Grey brown silty sand	34000E 8307200N							
52	" " silty sand	34100E							
53	" " " "	34200E							Sandstone ridge 34230E
54	~~buff~~ brown buff clay silt	34300E							
55	Grey buff clay silt	34400E 8307200N							
56	Orange brown silty sand	31000E 8306800N							
57	Grey brown silty sand	31100E "							Moved 100m east - lagoon
58	Grey brown silty sand	31200E							31160E — Major track
59	" " " "	31300E							31230E
60	" " " "	31400E							
61	Grey brown coarse sand	31500E							Edge of malalukka swamp
62	" " " "	31600E							Moved 100m north to edge of swamp
63	" " " "	31700E							As above
64	" " " "	31800E							" "
65	" " " "	31900E							Moved 50m north
66	" " " "	32000E							"
67	" " " "	32100E							Moved 100m " - Gu
68		32200E							Right spot!
69		32300E							Taken at 32270E
70	NT - Aboriginal site	32400E 8306800N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 10/7/94 Collected by: AGN Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56071	Red brown silty sand	310000E 8307200N							
72	" " " "	310100E							
73	" " " "	31200E							
74	Mid brown silty sand	31300E							
75	Orange brown " "	31400E							
76	Mid brown silty sand	31500E							By Legune Rd
77	Grey brown coarse sand	31600E							By swamp - damp - 6 mm seive
78	" " " "	31700E							Mud 100m N Legune Rd sa
79	" " " "	31800E							Bachon line - 6mm
80	Brown buff silty sand	31900E							6mm seive
81	Buff brown silty sand	32000E							"
82	" " " "	32100E							
83	Grey brown silty sand	32200E							Near sandstone hill - lateritic pisolites.
84	Light brown " "	32300E							Sandstone vc - pisolitic
85	" " " "	32400E 8307200N							Sandstone/conglom vc-pisolitic
86	Red brown silty sand	310000E 8307600N							
87	Red brown " "	31100E							By good track - 130°
88	" " " "	31200E							
89	" " " "	31300E							
90	" " " "	31400E							

WILGA MINES N.L.
SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 12/7/96 **Collected by:** AGN **Sample Batch No.:** **Analyses by:**

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56091	Red brown silty sand	31500E 8307600N							
92	" " " "	31600E							
93	" " " "	31700E							
94	" " " "	31800E							
95	" " " "	31900E							20m east Laguné Rd
96	Mid brown silty sand	32000E							
97	" " " "	32100E							
98	" " " "	32200E							
99	" " " "	32300E							
56100	" " " "	32400E							Taken 32360E to avoid [illegible]
~~56301~~									
~~02~~									
~~03~~									
~~04~~									
~~05~~									
~~06~~									
~~07~~									
~~08~~									
~~09~~									
~~56[illegible]00~~									

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 10/7/94 | Collected by: PRM, SWV | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56101	Md rd-bn (Fe) sandy loam	33000E 8307600N							Zn flowers
02	Md rd-bn (Fe) sandy loam	33100E							Zn flowers
03	Md rd-bn (Fe) sandy loam	33200E							Zn flowers
04	Md rd-bn (Fe) sandy loam	33300E							Zn flowers
05	Md rd-bn sandy loam	33400E							Fe rich, Zn flowers
06	" " " " "	33500E							" "
07	" " " " "	33600E							" " Zn flowers
08	" " " " "	33700E							" "
09	" " " " "	33800E							" "
10	Lt bn sandy loam	33900E							
11	Gr bn clayey silt	34000E							Pisolites
12	Rd bn sandy silt (Fe)	34100E							
13	Bn f.g. sandy silt	34200E							
14	" sandy loam	34300E							Zinc flowers
15	" " "	34400E 8307600N							
16	DK Brown sand	33000E 8308000N							
17	" " "	33100E							
18	DK Brown sand	33200E							
19	Red Brown sand	33300E							
20	Red Brown sand	33400E							
56121	" " "	33500E 8308000N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 10/7/94 | Collected by: PRM/SWV | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56/22	Red Brown sand	33600E 8308000N							Zn flowers
23	" " "	33700E							" "
24	" " "	33800E							
25	" " "	33900E							
26	Orange Brown sand	34000E							
27	lt Brown fine sand	34100E							
28	lt Brown/DK Brown Mottled fine sand	34200E							
29	" " " Grey " " "	34300E							
30	Buff clay sand	34400E 8308000N							
31	~~Gr-bn sand~~	34400E 8308400N							Zn flowers
32	Gr-bn sand	34300E							Rare Zn flowers
33	Gr-yl silty sand	34200E							Zn flowers (rare)
34	Gr-yl-bn silty sand	34100E							Zn flowers
35	Rd bn sandy loam	34000E							" "
36	Rd-bn sandy loam	33900E							
37	Rd-bn sandy loam	33800E							
38	Md bn sandy loam	33700E							Zn flowers
39	Md rd-bn sandy loam	33600E							
40	Md rd-bn sandy loam (Fe)	33500E							
41	" " " " " "	33400E							
56/42	" " " " "	33300E 8308400N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 10/7/94 Collected by: PRM, SWV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56143	Med Rd - Brn sandy loam	33200E 8308400N							
44	" " " " "	33100E							
45	" " " " "	33000E							
46	" " " " "	32900E							
47	Rich " " " "	32800E							
48	" " " " "	32700E							
49	" " " " "	32600E							32645 Main Rd
50	lt Brown silty sand	32500E							Ferro Sandstone + laterite
51	" " " "	32400E							Pisolites
52	lt " " "	32300E							32220 Silicified Sandstone & Clb pisol
53	O/Brown silty sand	32200E							Fe subcrop - Pisolites
54	O/ " " "	32100E							
55	O/Brown " "	32000E							Pisolites
56	Red Brn sandy loam	31900E							
57	" " " "	31800E							
58	" " " "	31700E							31665E Main Track 315°
59	" " " "	31600E							
60	" " " "	31500E							
61	" " " "	31400E							
62	" " " "	31300E							
56163	" " " "	31200E 308400N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 10/7/94, 12/7/94 Collected by: PRM, SWV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56164	Red Brown Sandy loam	31100 E 8308400 N							
65	" " " "	31000 E							
66	STANDARD								
67	"								
68	"								
69	"								
70	"								
71	Gr-bn silty sand	34900 E 8308800 N							
72	Bn-yl sand	34800 E							
73	Yl-bn sand	34700 E							
74	Gr-rd-bn sand	34600 E							Rare Zn flowers
75	Yl-bn sand	34500 E							Occ Zn flowers
76	Yl-bn sand	34400 E							Occ Zn flowers
77	Gr-yl-bn sand	34300 E							Occ Zn flowers
78	" " " "	34200 E							Abund Zn flowers
79	Bn sandy loam	34100 E							Occ Zn flowers
80	Rd bn sandy loam	34000 E							Zn flowers
81	Rd bn sandy loam	33900 E							Occ Zn flowers
82	Md rd-bn ferrug sandy loam	33800 E							Abund Zn flowers
83	Md rd bn sandy soil	33700 E							Zn flowers
84	Md rd bn sandy soil	33600 E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 12/7/94 | Collected by: PRM, SWV | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56185	Md rd-bn ferrug sandy loam	33500E 8308800N							Abund Zn flowers
86	" " " " " "	33400E							
87	" " " " " "	33300E							33350 Zn flowers
88	" " " " " "	33200E							
89	" " " " sand	33100E							33160 Abundant Zn flowers
90	DK " " " sandy loam	33000E							sample @ 33060E ! Main Rd
91	" " " " " "	32900E							
92	" " " " silty sand	32800E							
93	" " " " " "	32700E							
94	Md Rd Bn ferrug silty sand	32600E							
95	" " " " sand	32500E							
96	Orange Bn silty sand	32400E							
97	" " " "	32300E							
98	Md rd-Bn silty sand	32200E							
99	" " " " "	32100E							
56200	" " " sand	32000E							31% Sandstone 0% Dip 6° ~~NE~~
01	Orange Bn silty sand	31900E							
02	Md Rd-Bn silty sand	31800E							
03	" " " sand ~	31700E							o/c trend n355°
04	" " " silty sand	31600E							31650E / 308925N silicif gossanous o/c, small hill. Also
05	" " " " "	31500E							dolomite, bx. 4 x rock samples

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 12/7/94 | Collected by: PRM, SWU | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56206	Md Rd-Bn silty sand	31400E 8308800N							
07	" " " " "	31300E							31310E Track 315°
08	" " " " "	31200E							
09	" " " " "	31100E							
10	" " " " "	31000E							
11	" " " " "	30900E							
12	" " " " "	30800E							
13	Md rd-or-bn silty sand	30700E							
14	Or bn silty sand	30600E							
15	" " sandy silt	30500E							
16	DK Grey Brown silty sand.	34900E 8309200N							
17	Lt Grey Bn clay silt sand	34800E							
18	Yl-Bn silty sand	34700E							
19	Lt Grey sand	34600E							
20	Md Grey Sand	34500E							
21	Md Grey silty sand	34400E							
22	Grey-Bn sand	34300E							
23	Bn silty sand.	34200E							
24	Md Rd-Bn Silty sand	34100E							
25	Rd-Bn Sand	34000E							
26	Rd-Bn Sand	33900E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 13/7/94 | Collected by: PRM SWV | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56227	Rd - Bn sand	33800E 8309200N							
28	Md Rd - Bn Sand	33700E							Ferrug
29	Md Rd - Bn silty sand	33600E							"
30	Md Rd - Bn silty sand	33500E							"
31	" " " " "	33400E							Rare Zn flowers
32	" " " " "	33300E							Ferrug. Road 33310E
33	" " " " "	33200E							Ferrug
34	" " " " "	33100E							"
35	" " " " "	33000E							"
36	" " " " "	32900E							"
37	" " " " "	32800E							"
38	Rd - Or - bn silty sand	32700E							
39	Or bn silty sand	32600E							
40	" " " "	32500E							Zn flowers
41	" " " "	32400E							
42	" " " "	32300E							309250N sandst o/c Rare Zn flowers
43	" " " "	32200E							
44	" " " "	32100E							
45	Rd - bn silty sand	32000E							
46	" " " "	31900E							
47	" " " "	31800E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 13/7/94 Collected by: PRM SWV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56248	Rd-or-bn silty sand	31700E 8309200N							
49	" " " " "	31600E							Break in slope (subtle)
50	Rd-bn silty sand	31500E							
51	" " " "	31400E							
52	Rd-or-bn " "	31300E							
53	Md Rd-bn " "	31200E							
54	" " " "	31100E							
55	" " " "	31000E							
56	" " " "	30900E							30960E track 315°
57	" " " "	30800E							
58	" " " "	30700E							
59	" " " "	30600E							
60	NST	30500E 8309200E							DJIBIGUN
61	Grey silty clay	34900E 8309600N							Laterite subcrop.
62	Lt Br-buff clay sand	34800E							
63	Grey sand	34700E							
64	Md Grey silty sand	34600E							Zn Flowers
65	Md Grey silty sand	34500E							Zn Flowers
66	Grey Bn silty sand	34400E							Zn Flowers
67	Md Rd-Bn silty sand	34300E							Zn Flowers
56268	Md Red-Bn silty sand	34200E 8309600N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 13/7/94, 14/7/94 Collected by: PRM/SWV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56269	Md Red-Brn silty sand	34100E 8309600N							
70	Md Red-brn silty sand	34000E							Zn flowers
71	Md Red-Brn silty sand	33900E							Zn flowers
72	Md Red-Brn silty sand	33800E							Zn flowers
73	Md Red-Brn silty sand	33700E							Zn flowers
74	Md Red-Brn silty sand	33600E							Zn flowers
75	Md Red-Brn silty sand	33500E							" "
76	" " " " "	33400E							
77	" " " " "	33300E							
78	Rd or-brn sandy silt	33200E							
79	Rd-or-Brn " "	33100E 8309600N							occ Zn flowers
80	Md rd-brn silt	33000E 8309500N							Dolomite o/c
81	" " " "	32900E 8309500N							" "
82	" " " "	32800E 8309500N							Adj dolomite o/c
83	Or brn silt	32700E 8309600N							
84	Rd brn silt	32600E 8309600N							
85	Or brn silt	32500E 8309650N							saddle
86	Pale brn sandy silt	32400E 8309600N							Conglom o/c
87	Or brn sandy silt	32300E							Occ Zn flowers
88	" " " "	32200E							
89	" " " "	32100E							Pisolites

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 14/7/94 Collected by: PRM SWV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56290	Or-bn sandy silt	32000E 8309600N							
91	" " " "	31900E							
92	" " silty sand	31800E							Pisolites
93	" " sandy silt	31700E							31680E Ferrug sandst o/c clb
94	Md rd-bn silt	31600E							
95	" " " silty sand	31500E							
96	" " " " "	31400E							
97	" " " " "	31300E							
98	" " " Sand	31200E							
99	" " " Sand	31100E							Occ Sa Flowers
56300	Rd bn silty sand	31000E							
56401	Md RD-Bn Silty Sand	30900E							
02	" " " " "	30800E							
03	" " " " "	30700E							
04	" " " " "	30600E							30590E Track 315°
05	" " " "	30500E							
06	Or-Bn Silty Sand	30400E							
07	Or-Rd-Bn " "	30300E							
08	Pale Yellow Bn silty Sand	30200E							Pisolites
09	" " " " "	30100E							"
56410	Lt Br Silty Sand	30000E							30045 Extent of Pisol cleared line 267°

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 12/7/94 | Collected by: AGW | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56301	Red brown silty sand	310000E 8308000N							
302	" " " "	311000E							
03	" " " "	312000E							
04	" " " "	313000E							
05	" " " "	314000E							
06	" " " "	315000E							
07	" " " "	316000E							
08	" " " "	317000E							
09	" " " "	318000E							
10	Dark brown " "	319000E							
11	" " " "	320000E							
12	" " " "	321000E							
13	" " " "	322000E							Bg Legume Rd
14	Md Brown " "	323000E							Sandstone o/c - laterite at
15	Buff grey sandy silt	324000E							Sandstone o/c - Jam 323600E
16	Brown grey silty clay	260000E 8305600N							Blasthole - On seismic line
17	" " " "	261000E							" - 6mm sieve
18	Grey brown silty clay	262000E							" "
19	" " " "	263000E							" "
20	" " " "	264000E							" "

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 14/7/82 | Collected by: AGN | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56361	Grey brown silty clay	27000E 8306400N							6mm sieve Blacktail
62	Grey brown silty clay	27100E							6mm sieve "
63	Grey brown silty sand	27200E							2mm sieve "
64	Buff brown silty sand	27300E							By station id 93°
65	Grey brown silty sand	27400E							By station id
66	" " " "	27500E							" " "
67	" " " "	27600E							
68	" " " "	27700E							Some laterite scree
69	" " " "	27800E							
70	Buff brown silty sand	27900E							
71	Mid brown " "	28000E							
72	Red brown " "	28100E							
73	" " " "	28200E							Some laterite scree
74	Mid brown " "	28300E							Sandy line o/c
75	Yellow brown " "	28400E 8306400N							Laterite scree
76	Buff grey silty clay	26500E 8306800							Blacktail 6mm sieve
77	Grey black silty clay	26600E							" "
78	" " " "	26700E							" "
79	Dark grey " "	26800E							" "
80	Mid Grey " "	26900E							" "

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 17/7/91 | Collected by: AGN | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56381	Grey brown silty sand	27006 8306Rcm							2mm sieve
82	Buff brown " "	27100E							" "
83	Buff brown fine "	27200E							
84	" " fine "	27300E							" "
85	" " fine "	27400E							
86	Grey brown " "	27500E							
87	Buff brown " "	27600E							
88	Light brown " "	27700E							
89	" " " "	27800E							
90	Grey brown " "	27900E							
91	" " " "	28000E							
91	" " " "	28100E							
93	Orange brown silty sand	28200E							laterite o/c
94	Red brown silty sand	28300E							laterite o/c
95	Red brown " "	28400E							
96	Grey brown silty clay	16500E 82 22006							Blacksoil 6mm sieve
97	Grey brown silty clay	28600E							" "
98	Grey brown silty clay	28700E							" "
99	Mid grey silty clay	28800E							" "
600	Light grey clay silt	28900E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 14/7/94 | Collected by: PRM SWV | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56411	Pale Brn fine silty sand	29900E 8309600N							Intermittent 29920E - Pisolites
12	" " " " "	29800E							" " "
13	Pale grey fine silty sand	29700E							" " "
14	" Brn " " "	29600E							" " "
15	" " " " "	29500E							Pisolites
16	" " " " "	29400E							"
17	Brn sandy silt	29300E							"
18	" " "	29200E							"
19	" " "	29100E							"
20	Pale gr brn silt	29000E							"
21	Gr clay (blacksoil)	28900E							
22	Brn-gr clayey silt	28800E							Track 28820E bng 310°
23	Gr brn clayey silt	28700E							Pisolites
24	" " " "	28600E							"
25	Brn silt	28500E							Track 28585E bng 222° pisolites
26	" "	28400E							"
27	" "	28300E							"
28	" "	28200E							"
29	" "	28100E							"
56430	" "	28000E							"

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 14/7/94, 15/7/94 Collected by: PRM/SWV | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
S6431	Pale grey-br silt	29000E 8310000N							
32	" " fine silty sand	29100E							
33	" " fine clay silt.	29200E							
34	lt grey " " "	29300E							
35	" " " " "	29400E							
36	" " " " "	29500E							
37	lt br fine silty clay	29600E							
38	" " " " " sand	29700E							
39	" " " " "	29800E							
40	" " " clayey silty sand	29900E							
41	lt bn fine silty sand	30000E							Pisolites
42	" " " " "	30100E							Zn flowers
43	" " " " "	30200E							Track 30185E
44	Bn silty sand	30300E							
45	Rd bn silty sand	30400E							
46	" " " "	30500E							
47	" " " "	30600E							
48	Md rd-bn silty sand	30700E							
49	Rich md rd-bn silty sand	30800E							
50	" " " " " "	30900E							silicif sandst + laterite o/c.
S6451	" " " " " "	31000E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 15/7/94 Collected by: PRM, SWV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56452	Rich md rd br silty sand	31100E 8310000 N							
53	" " " " " "	31200E							
54	" " " " " "	31300E							
55	" " " " " "	31400E							
56	" " " " " "	31500E							
57	Or - Br silty sand	31600E							
58	Br silty sand	31700E							Laterite o/c - Pisolite
59	Or - Br silty sand	31800E							"
60	" " " "	31900E							"
61	Br silty sand	32000E							
62	Or - Br silty sand	32100E							
63	Br silty sand	32200E							
64	" " "	32300E							
65	lt Br silty sand	32400E							Zn Flowers
66	Buff fine clay silt	32500E 8310000N							Longlam o/c
67	lt Br - Yl fine clay silt	32600E 8309950N							rare Zn Flowers * 50m offset
68	lt br fine clay silt	32700E 8309950N							* offset 50m S
69	" " " " "	32800E 8309950N							* offset 50m S
70	" br - Or fine clay silt	32900E 8309950N							* " " "
71	lt br fine silt	33000E 8309950N							* " " "
564 72	Md Rd - Br fine silt.	33100E 8309950N							* " " "

* ferruginous siliceous yello sandstone
3100000N 33200E
* Hematitic orange siltstone
3100000N 33200E

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 15/7/94, 16/7/94 Collected by: PRM/SWV

Sample Batch No.:

Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56473	Md Rd-Brn fine silt	33200E 8310000N							
74	Rich Rd-Brn " silty sand	33300E							
75	" " " " " "	33400E							
76	" " " " " "	33500E							
77	" " " " " "	33600E							
78	" " " " " "	33700E							Road 33725E
79	" " " " " "	33800E							
80	" " " " " "	33900E							
81	" " " " " "	34000E							
82	MD " " sandy loam	34100E							
83	" " " " "	34200E							
84	Rich Rd Brn fine silty sand	34300E							Rare Zn flowers
85	Gr-bn sandy loam	34400E							Rare Zn flowers
86	" " " "	34500E							
87	" " " "	34600E							
88	" " " "	34700E							
89	" " " "	34800E							
90	" " " "	34900E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 16/7/94 | Collected by: PRM SWV | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56491	Gr bn sandy loam	34900E 8310400N							
92	Gr-or-bn silty sand	34800E							
93	Or-bn silty sand	34700E							
94	Rd-or-bn silty sand	34600E							
95	" " " " "	34500E							
96	" " " " "	34400E							
97	Rd-bn silty sand	34300E							
98	Rd-or-bn silty sand	34200E							
99	" " " " "	34100E							
56500	Rd-bn silty sand	34000E							
01	Rd-or-bn silty sand	33900E							Main Rd 33955E
02	Rich Rd Brn sand	33800E							
03	" " " silty sand	33700E							
04	" " " " "	33600E							
05	" " " " "	33500E							
06	" " " " "	33400E							
07	lt br-yellow silty sand	33300E							Race 3a Flowers
08	" " " " "	33200E							
09	lt br fine silt	33100E							
10	" " " "	33000E 8310400N							
11	Pale Br fine silt	32900E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 16/7/94 Collected by: PRM/SWV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56512	Or - Br fine silt	32800E 8310500N							Kare Za flowers * offset 100m N
13	" " " "	32700E 8310500N							conglom * " " "
14	" " sandy silt	32600E 8310500N							hills * " " "
15	" " sand	32500E 8310500N							* " " "
16	STD	— —							
17	STD	— —							
18	STD	— —							
19	STD	— —							
20	STD	— —							
21	or bn sand	32400E 8310400N							
22	Rd or bn sand	32300E							
23	Rd bn sand	32200E							
24	Rd bn silty sand	32100E							
25	" " " "	32000E							
26	Rd or bn silty sand	31900E							
27	Rd bn silty sand	31800E							
28	Rd-or-bn silty sand	31700E							
29	" " " " "	31600E							
30	" " " " "	31500E							
31	" " " " "	31400E							
56532	" " " " "	31300E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 16/7/94 Collected by: PRM, SWV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56533	Rd-or-bn silty sand.	31200E&310400N							
34	or-Rd-bn " "	31100E							
35	Rd-or-bn " "	31000E							
36	Rd-bn silty sand	30900E							
37	lt-Br-or " "	30800E							
38	lt Br silty sand	30700E							
39	" " -or " "	30600E							
40	" " silty sand.	30500E							
41	" " " "	30400E							
42	" " -or " "	30300E							
43	lt br silty sand	30200E							
44	" " silt + clay	30100E							Pisolites
45	" " " + clay.	30000E							"
46	lt grey clay silt	29900E							29870E track
47	grey-br clay silt	29800E							
48	br silt	29700E							
49	grey-br clay silt	29600E							
50	" " " "	29500E							Base Line
51	Pale grey silty sand	29400E							29385 Track
52	lt br-grey " "	29300E							
53	Yellow-br silty sand	29200E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 16/7/94, 17/7/94 Collected by: PRM/SWV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56554	Pale grey white silty sand	29100E 8310400N							
55	Lt Brown silty sand	29000E							Sandstone/Conq % 200m W
56556	Pale bn silty sand	29000E 8310800N							
57	Pale bn sand	29100E							
58	Pale bn sandy loam	29200E							
59	Pale gr-bn mg silty sand	29300E							
60	Pale gr-bn silty sand	29400E							
61	Pale gr-bn clayey sand	29500E							Cut line 29470E
62	" " " silty sand	29600E							
63	Pale pk bn silty sand	29700E							Cut line 29655E
64	Yl-or silty sand	29800E							
65	Pale gr-bn sand	29900E							
66	" " " silty sand	30000E							
67	Gr bn sandy-clayey silt	30100E							
68	" " " silt	30200E							
69	" " " "	30300E							
70	" " silty sand	30400E							
71	Lt Br " "	30500E							
72	" " - yl silty sand	30600E							
73	" " " " "	30700E							
74	" " " " "	30800E							

* 32175E/310750N - ROCK CHIP - FAULT with STR 205° DIP 70° → 295°

WILGA MINES N.L.

SAMPLE RECORD

* 32150E/310800N - ROCK CHIP - Laterite
* 32230E/310800N - silicif fault gouge

1:250 000 Sheet Area

Property or Prospect

Date: 17/7/94 Collected by: PRM, SWV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56575	Rd-or-bn silty sand	30900E 8310800N							
76	" " " " "	31000E							
77	Rd-Bn silty sand.	31100E							
78	" " " "	31200E							
79	" " " "	31300E							
80	" " " "	31400E							
81	" " " "	31500E							
82	" " " "	31600E							
83	" " " "	31700E							
84	Rd-or-bn silty sand	31800E							
85	Rd-bn silty sand	31900E							
86	Rd-or-bn " "	32000E							
87	Rd-Bn silty sand	32100E							Pisolites
88	Bn silt	32200E							32150E Laterite bar. 32200E Clb o/c ferrug reticulate fractures. Rare Zn flowers
89	NST	32300E							
90	Bn silt	(32400E) 832460E							
91	Rd-Bn silt.	32500E							
92	" " silty sand	32600E							
93	Rd-or-Bn sand	32700E							
94	Or-Bn sand	32800E							
95	Rd-or-Bn sand.	32900E							

Rock chips x 5 ~ 35150E / 310800N — 310850N
Mineralised fracts 266°, dip 75°N
dolomitic sandst, silicif sandst, breccia
Limonite rng.

WILGA MINES N.L.
SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 17/7/94 | Collected by: PRM/SWV | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56596	Or - bn sand	33000E 8310800N							
97	" " "	33100E							
98	" " "	33200E							Rare Zn flowers
99	" " "	33300E							" " "
56600	" " "	33400E							
01	" " "	33500E							
02	Rd - or - bn silty sand	33600E							
03	Rd bn silty sand	33700E							
04	" " sandy silt	33800E							
05	" " " "	33900E							
06	Rd bn silty sand	34000E							
07	" " " "	34100E							34170E Road
08	Rd or bn silty sand	34200E							
09	Or bn silty sand	34300E							
10	" " " "	34400E							
11	Rd - Bn silty sand	34500E							
12	Rd - Or - Bn " "	34600E							
13	Rd - Bn silty sand	34700E							
14	" or " " "	34800E							
15	Rd - or - bn " "	34900E							

Rock Samples
33400E 8311275N Mn Fe stnd fracts in sandy dolomite / dolomitic sandst

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 20/7/94 | Collected by: PRM SWV | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56616	Gr-pk-bn sand	35400E 8311200N							
17	Gr-or-bn sand	35300E							
18	Or bn sand	35200E							
19	Rd or bn silty sand	35100E							~100m N of o/c sampled on adj line to S.
20	Or bn silty sand	35000E							
21	Rd bn silty sand	34900E							
22	Rich rd bn silty sand	34800E							
23	Rich rd bn silty sand	34700E							
24	Rich rd bn silty sand	34600E							
25	Rd bn silty sand	34500E							Rare Zn flowers
26	Rd-or-bn sandy silt	34400E							Road 34330E
27	Bn sandy silt	34300E 8311200N							occ Zn flowers
28	Lt bn sandy silt	34200E 8311100N							rare Zn flowers
29	Bn sandy silt	34100E 8311100N							silicif sandst o/c Clb
30	NST	34000E 8311100N							
31	Lt bn silt	33900E 8311100N							siltst/sandst o/c
32	Lt bn silt	33800E 8311200N							siltst/sandst o/c
33	Lt bn silt	33700E							low silty shale/sandst o/c
34	Lt bn sandy silt	33600E							33630E silicif sandst o/c Clb. Pisolites.
35	Lt bn sandy silt	33500E							BASELINE Pisolites
36	" " " "	33400E							Rare Zn flower

outcrop 40m N

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 20/7/94 Collected by: PRM SWV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56637	lt brn sandy silt	33300E 8311200N							Pisolites
38	Or-brn silty sand	33200E							
39	" " " "	33100E							
40	lt Or-brn " "	33000E							
41	Or-brn " "	32900E							
42	" " " "	32800E							
43	Rd-or-brn sandy silt	32700E							Rare Zn flowers
44	" " " " "	32600E							sandst o/c 32670E
45	or-brn sandy silt	32500E							
46	Rd-brn sandy silt	32400E							
47	" " " "	32300E							
48	" " " "	32200E							
49	" " " "	32100E							
50	" " silty sand	32000E							
51	" " " "	31900E							
52	" " " "	31800E							
53	" " " "	31700E							
54	Rd-or-brn " "	31600E							
55	Rd brn silty sand	31500E							
56	" " " "	31400E							
57	" " " "	31300E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 20/7/94 | Collected by: PRM SWV | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56658	Rd bn silty sand	31200E 6311200N							
59	" " " "	31100E							
60	Gr-or-bn silty sand	31000E							
61	Gr-yl-or-bn " "	30900E							
62	Pale yl bn silty sand	30800E							
63	" " " " "	30700E							
64	" pk " " "	30600E							
65	" " " " "	30500E							
66	Pale yl-pk-bn silty sand	30400E							
67	Pale gr-pk-bn " "	30300E							
68	" " " " clayey silty sand	30200E							
69	Pale gr-pk-bn clayey sand	30100E							
70	" " " " " "	30000E							
71	" " " " " "	29900E							Track (cut line) 29920E
72	" pk gr sandy clay	29800E							
73	Pale bn gr " "	29700E							
74	Pale bn silty sand	29600E							
75	Pale py bn " "	29500E							
76	STD								
77	STD								
78	STD								

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 20/7/94 Collected by: PRM SWV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56679	STD								
80	STD								

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 20/7/94 Collected by: AGN Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56681	Mid br silty sand	32000E 8311600N							
82	Mid br silty sand	32100E							
83	Mid br silty sand	32200E							
84	Or br silty sand	32300E							
85	Or br silty sand	32400E							
86	Or br silty sand	32500E							
87	Or br silty sand	32600E							
88	Or br silty sand	32700E							
89	Orange br silty sand	32800E							
90	Orange br silty sand	32900E							
91	Orange brown silty sand	33000E							
92	Orange brown silty sand	33100E							
93	Yellow buff silty sand	33200E							
94	Cream buff silty sand	33300E							pisolitic
95	Grey buff silty sand	33400E							pisolitic
96	br buff " "	33500E							pisolitic
97	Cream buff sandy silt	33600E							pisolitic
98	Cream " " "	33700E							pisolitic
99	Brown buff sandy silt	33800E							laterite o/c
56700	" " " "	33900E							sand/shale scree
									sand/shale o/c - bottom of hill

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 17/7/94 | Collected by: JGN/PRM | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56701	Md grey silty clay	27000E 8307200N							
02	Light grey " "	27100E							
03	Dark grey " "	27200E							
04	" " sandy clay	27300E							
05	Buff brown fine sand	27400E 8307100N							
06	Lt grey Br sand	27500E							
07	" " " "	27600E							
08	Md grey silty sand	27700E							
09	Grey Br silty sand	27800E							
10	" " " "	27900E							
11	Rich Rd - Br silty sand	28000E							Rare Zn Flowers
12	" " " " "	28100E							
13	Rd - Or - Br silty sand	28200E							
14	Rich - Rd Br silty sand	28300E							
15	Rd - Or - Br " "	28400E							
16	Or - Rd - Br " "	28500E							
17	" " " " "	28600E							Pisolites
18	Rd - Or - Br " "	28700E							
19	Rd fine silty sand	28800E							
20	Rd - Or - Br silty sand	28900E							28850E Sandstone ⅔

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 18/7/94 | Collected by: PRM / AGN. | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
S6721	Grey silty clay	26500E 8307600N							
22	lt Grey silty clay	26600E							26610 Cleared line 22
23	lt Grey silty clay	26700E							
24	Pale Yr - Br silty clay sand	26800E							
25	Pale Br silty sand	26900E							
26	lt Br silty sand	27000E							
27	Pale Br fine silty sand	27100E							
28	Pale - lt Br silty sand.	27200E							
29	lt Br - Mod Br Mottled Sand	27300E							
30	lt Grey - Br fine sand	27400E							
31	lt Br - Pale Br Mottled Sand	27500E							
32	" " " " " "	27600E							
33	Grey - Br sandy silt	27700E							
34	lt Br silty sand	27800E							
35	" " " "	27900E							
36	Rd - Br silty sand	28000E							
37	" " " "	28100E							
38	Rd - or - Br " "	28200E							
39	Rd - Br silty sand	28300E							
40	Rd - Br " "	28400E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 18/7/94 | Collected by: PKM / PSM | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56741	Rd - Br silty sand	28500E 8307600N							
42	" " " "	28600E							
43	" " " "	28700E							
44	Rich Rod - Br " "	28800E							
45	" " " " "	28900E							
46	" " " silt	29000E							
47	Rich Rd - Br silty sand	29100E							
48	Rich Br loamy silty sand	29200E							
49	" " " " "	29300E							
50	" " " " "	29400E 8307600N							
51	Grey brown silty sand	27000E 8307800N							On track
52	Buff grey silty sand	27100E							
53	Grey br silty sand	27200E							
54	Grey br silty sand	27300E							
55	Pale buff br silty sand	27400E							
56	Pale buff br fine sand	27500E							By creek - baseline
57	Pale buff br fine sand	27600E							
58	Light br fine sand	27700E							
59	Buff br fine sand	27800E							
60	Buff br fine sand	27900E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 18/7/94 | Collected by: PRM / AGW | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56761	Buff br fine sand	28000E 8308000 N							
62	Mid br silty sand	28100E							
63	Orange br silty sand	28200E							
64	Rd br silty sand	28300E							
65	Rd br silty sand	28400E							
66	Lt rd br silty sand	28500E							
67	Lt rd br silty sand	28600E							
68	" rd br silty sand	28700E							
69	Dark rd br silty sand	28800E							
70	Dark Rd br silty sand	28900E							
71	" Rd br silty sand	29000E							
72	" Rd br silty sand	29100E							
73	" Rd br Sandy clay	29200E							
74	" Red br sandy clay	29300E							
75	" Red brown silty sand	29400E 8308000N							
76	lt br-grey silty sand	27000E 8308400N							
77	lt br silty sand	27100E							Pisolites
78	lt br silty sand	27200E							Pisolites
79	lt br silty sand	27300E							Laterite - Pisolites
56780	Grey silty clay sand	27400E 8308400N							27390 Cleared line

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 14/7/94 Collected by: PRW/RSH Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56781	lt grey silt	27500E 8308400N							
82	lt grey-brn silty sand	27600E							
83	lt grey brn silty sand	27700E							
84	" " " " "	27800E							
85	lt grey-brn " " "	27900E							
86	" " " " " "	28000E							
87	grey brn silty sand	28100E							
88	DK brn " "	28200E							
89	brn " "	28300E							
90	DK Rd-Brn " "	28400E							
91	Rich Rd-Brn " "	28500E							
92	" " " " "	28600E							
93	" " " " "	28700E							
94	" " " silt	28800E							
95	" " " "	28900E							
96	" " " "	29000E							
97	" " " silty sand	29100E							
98	Rd-or-brn silty sand	29200E							29250E Sandstone o/c
99	" " " " "	29300E							Rock chip sample sandstone
56800	Or-Rd-Brn " "	29400E							"

29500E 308550N Sandstone o/c
308700N " "

WILGA MINES N.L.
SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 19/7/94 Collected by: PKM / AGnl Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56801	Or - Rd - Br silty sand	29500E 8308400N							
02	Or - Br " "	29600E							
03	" " " "	29700E							
04	" " " "	29800E							
05	Yel - br " "	29900E							Pisolites
06	Pale Yel - Br silty sand	29900E 8308800N							"
07	" " " " "	29800E							"
08	Pale Br silt	29700E							" 29675E Cut line Br
09	Pale Grey - Br fine silty sand	29600E							[illegible]
10	Or - Br silty sand	29500E							
11	Rd - Br " "	29400E							
12	" " " "	29300E							
13	Rich Red - Br " "	29200E							
14	" " " "	29100E							
15	" " " "	29000E							
16	" " " "	28900E							
17	Br silty sand	28800E							
18	Grey - Br " "	28700E							
19	Yel - lt Br " "	28600E							
56820	Grey - Br " "	28500E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 19/7/94 Collected by: PRM/AGM Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56821	Grey - br - silty sand.	28400E 8308800N							
22	" " " "	28300E							
23	" " " "	28200E							
24	lt Grey " "	28100E							
25	Grey - br " "	28000E							
26	" " " "	27900E							
27	" " " "	27800E							27790E Cleared line
28	lt Br silty sand	27700E							
29	" " " "	27600E							
30	" " " "	27500E 8308800N							
31	Grey - Br " "	28000E 8309200N							
32	" " " "	28100E							
33	" " " "	28200E							
34	" " " "	28300E							
35	Buff gr silty sand	28400E							
36	Mid Br " "	28500E							Pisolites
37	Buff Br " "	28600E							" Laterite %
38	br - Grey silty clay	28700E							Blacksoil - 6mm Sieve
39	Buff br " sand	28800E							
56840	Mid br " "	28900E 8309200N							Pisolites

WILGA MINES N.L.
SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 19/7/94 Collected by: PRM/ABM Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56841	Bright Br silty sand	29000E 8304200N							
42	Dk Rd - Br " "	29100E							
43	" " " " "	29200E							
44	" " " " "	29300E							Clean dune 29250E
45	Rd - Br silty sand	29400E							
46	Dk Rd - Brn " "	29500E							
47	Yel - Br silty clay	29600E							
48	" " clay silt	29700E							
49	" " silty sand	29800E							[illegible]
50	Dr - Br silty sand	29900E 8304200N							[illegible]
51	NSI → STD	34000E 8311600N							On [illegible]
52		34100E							
53		34200E							
54		34300E							
55		34400E							
56	Grey brown silty sand	34500E							Sandstone o/c. Base of hill
57	" " " "	34600E							-sandstone o/c
58	Mid br " "	34700E							By lagoon rd
59	Red br " "	34800E							
60	Red br " "	34900E							

WILGA MINES N.L.
SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 20/7/94 | Collected by: AGN | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56861	Red brown silty sand	350006 8311600N							
62	" " "	35100E							
63	" " "	352006							
64	" " "	353006							
65	" " "	354006 8311600N							
66	Grey brown silty sand	320006 8312000N							
67	Gr br silty sand	321006							
68	Grey br silty sand	322006							
69	Grey br silty sand	323006							
70	Grey brown silty sand	324006							
71	Or Gr br silty sand	325006							
72	Gr br silty sand	326006							
73	Or br silty sand	327006							
74	Or br silty sand	328006							
75	Orange brown silty sand	329006							
76	Light brown silty sand	330006							
77	Yellow buff silty sand	331006							
78	brown buff silty sand	332006							pisolitic
79	Light brown silty sand	333006							pisolitic
80	Buff brown silty sand	334006							Sandstone with pisolites
									Sandstone with pisolites

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 20/7/94 Collected by: AGN Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56681	Mid br silty sand	32000E 8311600N							
82	Mid br silty sand	32100E							
83	Mid br silty sand	32200E							
84	Or br silty sand	32300E							
85	Or br silty sand	32400E							
86	Or br silty sand	32500E							
87	Or br silty sand	32600E							
88	Or br silty sand	32700E							
89	Orange br silty sand	32800E							
90	Orange br silty sand	32900E							
91	Orange brown silty sand	33000E							
92	Orange brown silty sand	33100E							
93	Yellow buff silty sand	33200E							
94	Cream buff silty sand	33300E							pale to
95	Grey buff silty sand	33400E							pisolites
96	br buff " "	33500E							pisolites
97	Cream buff sandy silt	33600E							pisolites
98	Cream " " "	33700E							laterite o/c
99	Brown buff sandy silt	33800E							sandstone scree
56700	" " " "	33900E							sandstone o/c - bottom of hill

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 22/7/94 | Collected by: PRM SWV | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56901	Gr clay blacksoil	520100E 8308600N							
02	" " "	8308500N							
03	" " "	8308400N							
04	" " "	8308300N							
05	" " "	8308200N							
06	Br " "	8308100N							
07	" " "	8308000N							
08	" " "	8307900N							
09	" " "	8307800N							
10	" " "	8307700N							
11	" " "	8307600N							
12	" " "	8307500N							
13	" " "	8307400N							
14	Gr - clay blacksoil.	8307300N							
15	" " "	8307200N							
16	" " "	520500E 8308600N							
17	" " "	8308500N							
18	Gr-bn clay "	8308400N							
19	Gr clay blacksoil	8308300N							
20	Dk bn silty clay (blacksoil)	8308200N							Pisolites
21	Dk or-bn clayey silt	8308100N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 22/7/94 Collected by: PRM SWU Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56922	Dk bn/gr clayey silt	520500E 8308000 N							
23	Bn gr clay blacksoil	8307900 N							
24	" " " "	8307800 N							
25	" " " "	8307700 N							
26	" " " "	8307600 N							
27	Gr clay blacksoil	8307500 N							
28	Bn gr clay "	8307400 N							
29	" " " "	8307300 N							
30	" " " "	8307200N							
31	Bn silty clay blacksoil	520900E 8308600 N							Pisolites
32	Md or bn silty clay	8308500N							"
33	Gr-bn clay blacksoil	8308400N							
34	Gr clay blacksoil	8308300N							
35	Md or bn silty clay	8308200N							
36	Md or bn clayey silt	8308100N							Pisolites
37	Gr bn clay blacksoil	8308000N							
38	Gr clay blacksoil	8307900N							
39	Gr clay blacksoil	8307800N							
40	Bn gr clay blacksoil	8307700N							

WILGA MINES N.L.
SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 23/7/94 Collected by: PRM SWV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56941	Lt pk gr bn clayey sand	532000E 8312400N							
42	Gr bn clayey silt	32100E							
43	" pk " " sand	32200E							
44	Bn gr clayey "	32300E							pisolites
45	Gr pk bn silty sand	32400E							
46	Pale pk bn silty sand	32500E							
47	" " " " "	32600E							
48	" " yl bn silty sand	32700E							
49	Pale yl bn silty sand	32800E							
50	" " -or-bn " "	32900E							
51	Yl-or-bn silty sand	33000E							
52	" " " " "	33100E							
53	Rd bn silty sand	33200E							
54	" " " "	33300E							
55	Pale yl bn silty sand	33400E							
56	Or-Bn silty sand	533500E							Zn flowers
57	Pale yl-bn silty sand	33600E							
58	Lt Rd-bn " "	33700E							
59	" Yel bn " "	33800E							
60	Rd-Bn silty sand	33900E							
61	" " " "	534000E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 23/7/94 Collected by: PRM SWV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56962	Lt Yel-Brn silty sand	534100E 8312400N							
63	Or-Brn " "	34200E							
64	" " " "	34300E							
65	Rd-Or-Brn " "	34400E							
66	Yel-Brn silty sand	34500E							Rare Jm Flower
67	Or-Brn " "	34600E							" " "
68	Rd-Or-Brn " "	34700E				-			
69	Rich Rd-Brn " "	34800E							
70	Rd-Or-Brn " "	34900E							Common Jm Flower
71	Rd-Brn silty sand	35000E							
72	" " " "	35100E							
73	" " " "	35200E							35155E Main Rd
74	" " " "	35300E							
75	Rich Rd Brn " "	35400E							
76	" " " "	35500E							
77	" " " "	35600E							
78	" " " "	35700E							
79	Rich " " " "	35800E							
80	Md Brn silty sand	35900E							
81	" " " "	36000E							
82	Grey silty sand	36100E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 23/7/94, 24/7/94 Collected by: PRM SWV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
56983	Mid grey silty sand	536200E 8312400N							
84	lt grey " "	36300E							
85	lt grey fine silty sand.	36400E							
86	Pale pk bn silty sand	533000E 8312800N							
87	" " " " "	33100E							
88	Lt br silty sand	33200E							
89	Pale - lt br silty sand	33300E							
90	" " " " "	33400E							
91	" " " " "	33500E							
92	" " " " "	33600E							
93	Yel - lt br silty sand	33700E							
94	Yel - Rd - Br " "	33800E							
95	Or - Rd silty sand	33900E							
96	" " " "	34000E							
97	Lt Or - Br " "	34100E							
98	Pl yel - lt br " "	34200E							Pisolites - sub %
99	Pl " " " " "	34300E							34290E Laterite % Pisolites
57000	" " " " " "	34400E							Pisolites
57101	Pale Buff Br silty sand	34500E							"
02	" " " " "	34600E							" Laterite Sub % - Low Fe
03	Rd - Br silty sand.	34700E							"

WILGA MINES N.L.
SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 23/7/94 Collected by: AGN Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57001	Rd bn silty sand	366006 8316600N							
02	" " " "	361006							Sandst o/c
03	" " " "	362006							" "
04	Gr bn silty sandy loam	363006							
05	Rd bn silty loam	364006							
06	Gr br silty sandy loam	365006							
07	Grey br silty sandy loam	366006							[illegible] sandstone h.
08	Grey brown silty sand	367006							sandstone o/c. Moved 50m north of hill
09	Red br silty sand	368006							By fence track
10	Red br silty sand	369006							
11	Red br silty sand	370006							
12	Red br silty sand	371006							
13	Red br silty sand	372006							
14	Red br silty sand	373006							
15	Red brown silty sand	374006							
16	Gr bn silty sand	375006							
17	Bn gr sandy silty loam	376006							
18	Gr bk clay blacksoil	377006							
19	Md gr clay blacksoil	378006							6mm seive
57020	" " " "	379006 8314400N							" "

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 24/7/90 Collected by: AGW Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
5 70 21	Light grey clay blackish	38[illegible] 8314600N							6mm sieve
22	Mid " " "	38 000E							" " By Legnerd
23	" " " "	38200E							" "
24	Dark " " "	38200E							" "
25	Mid " " "	38400E							" "
26	Red brown silty Sand	36600E 8314800N							
27	" " " "	36100E							
28	" " " "	36200E							
29	" " " "	36300E							
30	Red brown silty Sand	36400E							By fence sand/stone o/c
31	" " " "	36500E							
32	" " " "	36600E							
33	" " " "	36700E							
34	" " " "	36800E							
35	" " " "	36900E							
36	" " " "	37000E							
37	" " " "	37100E							
38	" " " "	37200E							
39	" " " "	37300E							
46	" " " "	37600E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 26/7/84 Collected by: AGN Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57041	Dark red brown silty sand	375000E 8314800N							
42	" " " " "	376000E							
43	Brown grey " "	377000E							
44	Grey black clay blackish	378000E							6mm sieve
45	Mid grey " "	379000E							" "
46	Light " " "	380000E							" "
47	Mid " " "	381000E							" "
48	" " " "	382000E							" "
49	" " " "	383000E							" "
50	" " " "	384000E							
51	Grey (light) clay blackish	385000E 8315200E							6mm sieve
52	Buff brown silty sand	386000E							
53	Grey brown " "	387000E							
54	Grey brown " "	388000E							
55	Buff grey fine sand	389000E							
56	Brown grey sandy silt	390000E							
57	Grey brown silty sand	391000E							
58	Brown grey " "	392000E							
59	Grey brown " "	393000E							
60	Light brown silty sand	394000E 8315200E							

WILGA MINES N.L.
SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 28/7/96 Collected by: AGN Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57061	Grey brown silty sand	360006 8315200E							By fence 250°
62	" Red brown "	361006							By fence 50°
63	Red brown " "	362006							
64	Light brown " "	363006							
65	Grey brown silty sand	364006							
66	Light brown " "	365006							
67	" " " "	366006							pisolite 365506 trend 175 pisolites
68	Light brown " "	367006							
69	Red brown " "	368006							
70	Light brown silty sand	369006							Sandstone conglom scree
71	Red brown silty sand	370006							
72	" "	371006							
73	" " " "	372006							
74	"	373006							
75	" "	374006							
76	" " " "	375006							
77	" " " "	376006							
78	Mid brown " "	377006							
79	Brown Grey " "	378006							
80	Mid grey clay blacksoil	379006 8315200E							6mm seive. Dense mulate

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 28/7/94 | Collected by: AGW | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
									3805oE Sandstone
57081	Dark grey black clay blackish/	38000E 8315200N							6mm size - dense malaleuca
82	" " clay blackish/	3810oE							" " " "
83	" " " "	3820oE							" " " "
84	Mottled grey " "	3830oE							" " " "
85	Light grey " "	3840oE							" " By tracks
86	Mid grey clay blackish	3850oE							" "
87	" " " "	3860oE							"
88	" " " "	3870oE							" "
89	" " " "	3880oE							
90	" " " "	3890oE							
91	Red brown silty sand	35500E 8314600N							
92	" " "	3560oE							
93	" " "	3570oE							
94	" " "	3580oE							
95	" " "	3590oE 8314400N							
96	" " "	35560E 8314800N							
97	" " "	3560oE							
98	" " "	3570oE							
99	" " "	3580oE							
57100	Orange brown silty sand	3590oE 8314800N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 24/7/94 Collected by: PRM, SWV Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57104	Rich Rd - Bn silt	534800E 8312800N							
05	" " " "	34900E							
06	" " " "	35000E							
07	" " " "	35100E							
08	" " " "	35200E							
09	Gr - bn silt	35300E							
10	Rich rd - bn sandy silt	35400E							Road 35390E
11	Rd bn sandy silt	35500E							
12	Bn sandy silt	35600E							
13	Rd bn sandy silt	35700E							Baseline offset 400m north
14	" " " "	35800E							
15	" " " "	35900E							
16	" " silty sand	36000E							
17	" " " "	36100E							
18	" " " "	36200E							
19	" " " "	36300E							
20	" " sandy silt	36400E							
21	" " " "	36500E							
22	" " " "	36600E							
23	Md grey sandy silt	36700E							
24	" " " "	36800E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 24/7/94 | Collected by: PRM SWV | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57025	Md gr silty sand	536900E 8312800N							
57026	Md gr clay blacksoil	537400E 8313200N							
27	" " silty sand	537300E							
28	" " sandy silt.	37200E							Fence 3°
29	" " silty sand	37100E							
30	Md Gr - Br silty sand.	37000E							
31	Rd - Br " "	36900E							
32	" " " "	36800E							
33	" " " "	36700E							
34	" " " "	36600E							
35	" " " "	36500E							
36	" " " "	36400E							
37	" " " "	36300E							
38	" " " "	36200E							
39	" " " "	36100E							
40	" " " "	36000E							
41	Rich Rd - Br silty sand	35900E							
42	" " " "	35800E							
43	" " " "	35700E							Main Rd
44	Br silty sand	35600E							Sandstone %
57045	" " "	35500E 8313200N							" "

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 26/7/94 Collected by: PR.M/AN Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57046	STD	35400E 8313200N							
47	STD	35300E							
48	STD	35200E							
49	STD	35100E							
50	STD	35000E							
51	NO SAMPLE TAKEN.	34900E							
52	Fine Brn silt	34800E 8313200N							34830E Sandstone o/c Laterite o/c
53	fine Brn silt	34700E							34730/790 Borrow Pit
54	Rd - Brn silty sand	34600E							
55	Rd - Brn silty sand	34500E							Laterite o/c
56	Rd - Brn silty sand	34400E							
57	Rd - Brn silty sand	34300E							
58	Brn silty sand	34200E							Drill Site 10m/10m
59	lt Brn silty sand	34100E							
60	Pale Brn fine silty sand	34000E							
61	lt brn silty sand	33900E							
62	lt brn sand	33800E							
63	lt brn silty sand	33700E							
64	Pale Grey silty sand	33600E							
65	Grey - Brn silty sand	33500E							
57166	lt Grey fine silty sand	33400E 8313200N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 26/7/94 Collected by: PRM. Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
5767	lt grey silty sand	33300E 8313200N							
68	lt - Md grey silty sand	33200E							
69	" " " " "	33100E							
70	lt grey silty sand.	33000E 8313200N							
71	Md grey silty clay (B/Soil)	37900E 8313600N							
72	" " " " "	37800E							
73	Md grey silty clay (B/Soil	37700E							
74	" " " " "	37600E							
75	Grey silty clay (B/Soil)	37500E							
76	Grey-Br fine silty sand	37400E							
77	DK Br silty sand	37300E							37350 Fence
78	Rich Red-Br silty sand	37200E							
79	" " " " "	37100E							
80	" " " " "	37000E							
81	" " " " "	36900E							
82	" " " " "	36800E							
83	" " " " "	36700E							
84	" " " " "	36600E							36785 Main Road
85	" " " " "	36500E							
86	Md grey clay silt (B/Soil)	37900E 8314000N							
5787	" " " " "	37800E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 27/7/94 | Collected by: PRm. | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57188	Md Grey clay silt (B/Soil)	37700E 8310000N							
89	Md Grey clay silt (B/Soil)	37600E							
90	Md Grey Br silty sand	37500E							
91	Rich Br sand	37400E							37380E Main Rd.
92	Red-Br silty sand	37300E							
93	" " " "	37200E							
94	" " " "	37100E							37050E Fence.
95	" " " "	37000E							
96	" " " "	36900E							
97	Rd-Br silt sand.	36800E							Sandstone %
98	" "	36700E							Sample @ 36750E
99	N.S.T	36600E							
57200	N.S.T	36500E							
57201	Red-Br silty sand	35000E 8313600N							
02	Rd-Or-Br " "	35100E							
03	Rd-Br sandy silt	35200E							Sample @ 35190E Sandstone %
04	N.S.T	35300E							
05	N.S.T	35400E							
06	Rich Rd-Br silty sand	35000E 8314000N							
07	" " " " "	35100E							
57208	" " " " "	35200E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 27/7/94 - 28/7/94 Collected by: PRm | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57209	Rich Rd - Bor silty sand	35300E 8314000N							
10	" " " " "	35400E							* 37500E/315900 Track E/W
11	Grey clay - silt (B/Soil)	37500E 8316000N							
12	" " " "	37600E							
13	" " " "	37700E							
14	" " " "	37800E							
15	" " " "	37900E							
16	" " " "	38000E							
17	" " " "	38100E							
18	" " " "	38200E							
19	" " " "	38300E							
20	" " " "	38400E							
21	" " " "	38500E							
22	" " " "	38600E							
23	" " " "	38700E							
24	" " " "	38800E							
25	" " " "	38900E 8316000N							
26	" " " "	37500E 8316400N							
27	" " " "	37600E							
28	" " " "	37700E							
57229	" " " "	37800E 8316400N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 28/7/94 Collected by: PRm. Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57230	Grey clay silt (B/Soil)	37900 E 8316400N							
31	" " " "	38000E							
32	" " " "	38100E							
33	" " " "	38200E							
34	" " " "	38300E							
35	" " " "	38400E							
36	" " " "	38500E							
37	" " " "	38600E							
38	" " " "	38700E							
39	" " " "	38800E							
40	" " " "	38900E							
41	" " " "	39000E							
42	" " " "	39100E							
43	" " " "	39200E							
44	" " " "	39300E							
45	" " " "	39400E							
46	" " " "	39500E 8316800N							
47	" " " "	39800E							
48	" " " "	39700E							
49	" " " "	39600E							
57250	" " " "	39500E							39515E N/S track

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 29/7/94 | Collected by: PRM | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57251	Grey clay silt (B/Soil)	394000E 8316800N							
52	" " " "	393000E							
53	" " " "	392000E							
54	" " " "	391000E							
55	" " " "	390000E							
56	" " " "	389000E							
57	" " " "	388000E							
58	" " " "	387000E							
59	" " " "	386000E							
60	" " " "	385000E							
61	" " " "	384000E							
62	" " " "	383000E							
63	" " " "	382000E							
64	" " " "	381000E							
65	" " " "	380000E							
66	" " " "	380000E 8317200N							
67	" " " "	381000E							
68	" " " "	382000E							
69	" " " "	383000E							
70	" " " "	384000E							
57271	" " " "	385000E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 29/7/94 | Collected by: PRM | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57272	Grey clay silt (B/Soil)	386[illegible]00E 8317200N							
73	" " " "	38700E							
74	" " " "	38800E							
75	" " " "	38900E							
76	" " " "	39000E							
77	" " " "	39100E							
78	" " " "	39200E							
79	" " " "	39300E							
80	" " " "	39400E							
81	" " " "	39500E							
82	" " " "	39600E							
83	" " " "	39700E							
84	" " " "	39800E							
85	" " " "	39900E							
86	" " " "	40000E							Side of Creek.
87	" " " "	40100E							" " "
88	" " " "	40200E							
89	" " " "	40300E							
90	" " " "	40400E							
91	" " " "	40500E							
92	" " " "	40600E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 30/7/96 | Collected by: AGN | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57301	Mid grey clay blacksol	350006 8315600N							Sand sieve
02	" " " "	351006							" "
03	" " " "	352006							" "
04	" " " "	353006							" "
05	" " " "	354006							" "
06	Dark grey silty sand	355006							2 mm sieve
07	Grey brown " "	356006							" "
08	" " " "	357006							" "
09	" " " "	358006							" "
10	" " " "	359006							" "
11	Light brown silty sand	360006							" "
12	Grey brown " "	361006							" "
13	" " " "	362006							" "
14	Brown buff " "	363006							Big face, clasts, d track
15	Buff grey " "	364006							"
16	" " " "	365006							Big track 170°
17	" " " "	366006							
18	Grey buff " "	367006							
19	Light brown " "	368006							
20	Grey brown " "	369006 8315600N							Pebbly log

WILGA MINES N.L.
SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 20/7/94 Collected by: JGU Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57321	Grey brown silty sand	370000E 8315600N							Laterite o/c, pisolites
22	" " " "	371000E							
23	brown grey " "	372000E							
24	" " " "	373000E							pisolites
25	" " " "	374000E							
26	Dark grey clay blacksoil	375000E							6mm sieve
27	" " " "	376000E							" "
28	Mid grey " "	377000E							
29	" " " "	378000E							
30	" " " "	379000E							
31	" " " "	380000E							By track
32	Light grey " "	381000E							
33	" " " "	382000E							
34	Mid grey " "	383000E							
35	" " " "	384000E							
36	" " " "	385000E							
37	" " " "	386000E							
38	Light grey " "	387000E							
39	Buff grey silty " "	388000E							
57340	" " " " "	389000E 8315600N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 3/8/96 | Collected by: ACN | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57361	Mid Creek clay blanket	4150E 8319600N							6m - soil
42	" "	4160E							↓
43	" "	4170E							
44	" "	4180E							
45	" "	4190E							
46	" "	4200E							
47	" "	4210E							
48	" "	4220E							
49	" "	4230E							
50	" "	4240E							
51	" "	4250E							
52	" "	4260E							
53	" "	4270E							
54	" "	4280E							
55	" "	4290E							
56	" "	4300E							
57	" "	4310E							
58	" "	4320E							
59	" "	4330E							
60	" "	4340E 8319600N							By face of track

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 4/8/94 Collected by: AGN Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57300	Mid grey clay blackout	410007 8320400N							
82	" " " "	411007							
83	" " " "	412007							
84	" " " "	413007							
85	" " " "	414007							
86	" " " "	415007							
87	" " " "	416007							
88	" " " "	417007							
89	" " " "	418007							
90	" " " "	419007							
91	" " " "	420007							
92	" " " "	421007							
93	" " " "	422007							
94	" " " "	423007							
95	" " " "	424007							
96	" " " "	425007							
97	" " " "	426007							
98	" " " "	427007							
99	" " " "	428007							
57400	" " " "	429007							By four wheel track

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 30/7/94 | Collected by: PRm | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57293	Grey Clay silt (B/soil)	407000E 8317200N							
94	" " " "	408000E							
95	" " " "	409000E							
96	" " " "	410000E							1/c 200 m South
97	" " " "	411000E							
98	" " " "	412000E							
99	" " " "	413000E							
57300	" " " "	414000E 8317200N							
57401	" " " "	395000E 8318000N							
02	" " " "	396000E							
03	" " " "	397000E							
04	" " " "	398000E							
05	" " " "	399000E							
06	" " " "	400000E							
07	" " " "	401000E							
08	" " " "	402000E							
09	" " " "	403000E							
10	" " " "	404000E							
11	" " " "	405000E							
12	" " " "	406000E							
13	" " " "	407000E 8318000N							

WILGA MINES N.L.
SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 3/8/94 Collected by: AGN Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57361	Mid grey clay black soil	435000E 8319600N							6m sieve
62	Brown grey " "	436000E							↓
63	Mid grey " "	437000E							
64	" " " "	438000E							
65	" " " "	439000E							
66	" " " "	440000E							
67	" " " "	441000E							
68	" " " "	442000E							
69	" " " "	443000E							
70	" " " "	444000E							
71	" " " "	445000E							
72	" " " "	446000E							
73	" " " "	447000E							
74	" " " "	448000E							
75	" " "	449000E 8319600N							
76	Mid grey clay black soil	405000E 8320400N							
77	" " " "	406000E							
78	" " "	407000E							
79	" " " "	408000E							
57380	Light grey silty clay	409000E 8320400N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 30/7/94 Collected by: PRM. Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57414	grey clay silt (B/Soil)	40800E 8318000N							
15	" " " "	40900E							
16	" " " "	41000E							
17	" " " "	41100E							
18	" " " "	41200E							
19	" " " "	41300E							
20	" " " "	41400E							
21	" " " "	41500E							
22	" " " "	41600E							
23	" " " "	41700E							
24	" " " "	41800E							
25	" " " "	41900E							
26	" " " "	42000E							
27	" " " "	42100E							
28	" " " "	42200E							
29	" " " "	42300E							
30	" " " "	42400E							
31	" " " "	42500E							
32	" " " "	42600E							
33	" " " "	42700E							
57434	" " " "	42800E 8318000N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 31/7/94 Collected by: PRm. Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57435	grey clay silt (B/Soil)	42900E 8318000N							
36	" " " "	43000E							
37	" " " "	43100E							
38	" " " "	43200E							
39	" " " "	43300E							
40	" " " "	43400E							
41	" " " "	40000E 8318800N							
42	" " " "	40100E							
43	" " " "	40200E							
44	" " " "	40300E							
45	" " " "	40400E							
46	" " " "	40500E							
47	" " " "	40600E							
48	" " " "	40700E							
49	" " " "	40800E							
50	" " " "	40900E							
51	" " " "	41000E							
52	" " " "	41100E							side of creek
53	" " " "	41200E							" " "
54	" " " "	41300E							
54	" " " "	41400E							

WILGA MINES N.L.
SAMPLE RECORD

1:250 000 Sheet Area | **Property or Prospect**

Date: 31/7/94 | **Collected by:** AGW | **Sample Batch No.:** | **Analyses by:**

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57456	Mid grey clay blacksoil	415000E 7318800N							5mm sieve
57457	″ ″ ″ ″	416000E							″
57458	″ ″ ″ ″	417000E							
57459	″ ″ ″ ″	418000E							
60	″ ″ ″ ″	419000E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 31/7/96 Collected by: AGN Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57461	Mid grey clay blacksoil	420006 6318806N							
62	" " " "	421006							
63	" " " "	422006							
64	" " " "	423006							
65	" " " "	424006							
66	" " " "	425006							
67	" " " "	426006							
68	" " " "	427006							
69	" " " "	428006							
70	" " " "	429006							
71	" " " "	430006							
72	" " " "	431006							
73	" " " "	432006							
74	" " " "	433006							
75	" " " "	434006							
76	" " " "	435006							
77	" " " "	436006							
78	" " " "	437006							
79	" " " "	438006							
80	" " " "	439006							By fence & track 323°

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 3/7/94 | Collected by: CGN | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57481	Brown grey clay blacks	6[illegible] 8318800N							
82	" " " "	44100E							
83	M.S grey " "	44200E							
84	" " " "	44300E							
85	" " " "	44400E							
86	" " " "	44500E							
87	" " " "	44600E							
88	" " " "	44700E							
89	" " " "	44800E							
90	" " " "	44900E							
91		45000E							
92									
93									
94									
95									
96									
97									
98									
99									
37500									

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 3/8/96 | Collected by: AGN | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57491	Mid grey clay blackish	405006 8319600N							
92	" " "	406006							
93	" " "	407006							
94	" " "	408006							
95	Light grey silty clay	409006							
96	Grey brown silty clay	410006							By overhead
97	Mottled grey silty clay	411006							
98	M.S grey clay blackish	412006							
99	" " "	413006							
57500	" " "	414006 8319600N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 4/8/94 Collected by: AGN Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57501	Grey brown clay Wet soil	43000E 8320mN							
02	Light grey " "	43100E							
03	" " " "	43200E							
04	Mid grey " "	43300E							
05	" "	43400E							
06	" "	43500E							
07	" "	43600E							
08	" "	43700E							
09	" "	43800E							
10	" "	43900E							
11	" "	44000E							
12	" "	44100E							
13	" "	44200E							
14	" "	44300E							
15	" "	44400E							By fence & track
16	" " " "	44500E							
17	" " " "	44600E							
18	" " " "	44700E							
19	" " " "	44800E							
57520	Light grey silty clay b/ackx/	44900E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 5/8/96 | Collected by: AGN | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57521	Mid grey clay blacksoil	400006 8321200N							6mm sieve
22	" " " "	401006							↓
23	" " " "	402006							
24	" " " "	403006							
25	" " " "	404006							
26	" " " "	405006							
27	" " " "	406006							
28	" " " "	407006							
29	" " " "	408006							
30	" " " "	409006							
31	" " " "	410006							
32	" " " "	411006							
33	" " " "	412006							
34	" " " "	413006							By force -240°
35	" " " "	414006							
36	Grey buff clay silt	415006							-2mm sieve
37	Light grey silty clay	416006							By force 135° Ha hydrate
38	Mid grey clay blacksoil	417006							6mm sieve
39	" " " "	418006							↓
40	" " " "	419006 8321200N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 5/8/96 | Collected by: ACW | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57561	Mid grey clay blacksoil	420006 8321200N							
62	" " " "	421006							
63	" " " "	422006							
64	" " " "	423006							
65	" " " "	424006							
66	" " " "	425006							
67	" " " "	426006							
68	" " " "	427006							
69	" " " "	428006							
70	" " " "	429006							
71	" " " "	430006							
72	" " " "	431006							
73	" " " "	432006							
74	" " " "	433006							
75	Mid grey silty clay blacksoil loam	434006							
76	Light grey silty clay blacksoil	435006							
77	" " " "	436006							
78	" " " "	437006							
79	" " " "	438006							
80	" " " "	439006							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 5/8/96 | Collected by: ACN | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57561	M-d grey clay blackish	4600E 8321200N							
62	Light grey silty clay	4610E							
63	" " "	4620E							
64	" " "	4630E							
65	" " "	4640E							
66	" " "	4650E							
67	" " "	4660E							
68	M-d grey silty clay	4670E							
69	" " "	4680E							
70	Light grey silty clay	4690E							
71	M-d grey clay blackish	4150GE 8322000N							
72	Light grey silty clay	4160E							By main drain to 360°
73	M-d grey clay blackish	4170E							
74	" " "	4180N							
75	" " "	4190E							
76	" " "	4200E							
77	" " "	4210E							
78	" " "	4220E							
79	" " "	4230E							
80	" " "	4240E 8322000N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 6/8/84 | Collected by: AR.V | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57581	Mid grey clay blacksoil	425006 8322000N							
82	" " "	426006							Face at 426506
83	" " " "	427006							
84	" " " "	428006							
85	" " " "	429006							429306 Grid 300°
86	" " " "	430006							
87	" " " "	431006							431506 Trend 320°
88	" " " "	432006							
89	" " " "	433006							
90	" " " "	434006							
91	" " " "	435006							
92	Mid grey silty clay blacksoil	436006							By face 360°
93	" " " "	437006							
94	Light grey clay silt	438006							
95	Mid grey silty clay	439006							
96	Mid grey clay blacksoil	440006							By face · 35°
97	" " " "	441006							
98	" " " "	442006							
99	" " " "	443006							
57600	" " " "	444006 8322000N							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area

Property or Prospect

Date: 7/8/91 Collected by: [illegible] Sample Batch No.: Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57601	Mid grey clay [illegible]	46500E 8[illegible]500N							
02	" " "	46600E							
03	Light grey silty clay blackish	46700E							
04	Mid grey silty " "	46800E							
05	" " " " "	46900E 8[illegible]000N							
06	Mid grey clay blackish	47000E 8322800N							
07	" " " "	47100E							
08	" " " "	47200E							
09	Mid grey silty clay "	47300E							
10	" " " "	47400E							4780E track
11	" " " "	47500E							
12	Mid grey clay blackish	47600E							
13	" " " "	47700E							
14	Dark grey " "	47800E							
15	Dark grey " "	47900E							
16	mid grey " "	48000E							
17	Grey black sandy silt	48100E							Base of saddle. By track & water bore (Scrapings)
18	Brown grey sandy silt	48200E							Base of hill. By track
19	Mid grey clay blackish	48300E							
20	" " " "	48400E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 7/8/96 | Collected by: K.V | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57621	Mid grey clay blacksoil	43000E 8322RCON							
22	" " " "	43100E							
23	" " " "	43200E							
24	" " " "	43300E							
25	Mid grey clay clay blacksoil	43400E							
26	Grey brown silty clay B/S	43500E							
27	" " " " B/S	43600E							fence 43650E 150°
28	" " " " B/S	43700E							
29	Grey brown silty clay	43800E							
30	Mid grey silty clay	43900E							
31	Light grey silty clay	44000E							
32	Mid grey clay blacksoil	44100E							
33	Mid grey silty clay blacksoil	44200E							
34	" " clay blacksoil	44300E							
35	Mid grey clay silt	44400E							
36	" " " "	44500E							
37	" " silty clay	44600E							
38	Dark grey clay blacksoil	44700E							44650E fence 35°
39	Mid grey silty clay	44800E							
57640	" " " "	44900E 8322SCON							By fence 140°

Delta Gold N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 17/8/94 | Collected by: SWV/PRM | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57701	Rich Rd - Brn silty sand	34900E 8313600N							
02	" " " " "	34800E							
03	" " " " "	34700E							
04	Rd Brn silty sand	34600E							
05	" " " "	34500E							
06	Grey Rd Brn silty sand	34400E							
07	Or - Rd - Brn " "	34300E							
08	Brn silty sand	34200E							
09	Grey - Brn silty sand	34100E							
10	" " " "	34000E							
11	Or - Rd - Brn silty sand	34500E 8313800N							
12	Rich Rd - Brn " "	34600E							
13	" " " " "	34700E							
14	" " " " "	34800E							
15	" " " " "	34900E							
57726	" " " " "	35000E							
27	" " " " "	35100E							
28	" " " " "	35200E							
29	" " " " "	35300E							
30	Rd - Brn sandy silt.	35400E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area ALVERGNE Property or Prospect LEGUNE (EL 7832

Date: AUG 1994 Collected by: DCB Sample Batch No.: Analyses by: GENALYSIS

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
5-7716	Pale or-br silty loam	528500 8306400							
17	" " " skeletal silty loam	600 "							
18	" " " silty gravelly loam	700 "							Fe stn + hematite clasts
19	Grey-br " " "	800 "							
20	Pale or-br " " "	900 "							
21	R-br sandy silty loam	528500 8306800							slightly gravelly
22	" " " "	600 "							
23	" " " "	700 "							
24	" " gravelly sandy silty loam	800 "							
25	Standard cf (25801)								Djibigunn hill ± 528900.

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 17/8/94 | Collected by: SWV/PKM | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57731	Rd - Bn sandy silt	35500E 313800N							100m N offset - 313900N
32	" " " "	35600E							" " " "
33	" " " "	35700E							" " " "
34	" " silty sand	35800E							" " " "
35	Bn sandy silt	35900E							" " " "
36	Md bn sandy silt	36000E 313300N							
37	Medium bn silt	36100E							
38	" " "	36200E							
39	" " "	36300E							
40	" " "	36400E							
41	Rock Rd - Bn silty sand	534900E 8314000N							
42	" " " " "	534800E							
43	" " " " "	534700E							
44	" " " " "	534600E							
45	Rd - Bn silty sand	534500E							
46	lt Rd - Bn silty sand	534400E							
47	Grey - Bn silty sand	534300E							
48	" " " "	534200E							
49	" " " "	534100E							
50	" " " "	534000E							

WILGA MINES N.L.

SAMPLE RECORD

1:250 000 Sheet Area | Property or Prospect

Date: 17/8/94 | Collected by: PRM SWV | Sample Batch No.: | Analyses by:

Sample No.	Description	Location	Analyses (ppm unless otherwise stated)						Comments
57751	Rich rd brn silty sand	535500E 8314000N							
52	" " " " "	535600E							
53	" " " " "	535700E							
54	" " " sandy silt	535800E							
55	Brown silt	535900E							collected at adj to 535860E / o/crop
56	Rich Red - Br silty sand	35400E 8314500N							535310E Siltstone/Stone o/c
57	" " " " "	35300E							→ 535330E
58	" " " " "	35200E							
59	" " " " "	35100E							
60	" " " " "	35000E							Existing Peg - Correct Co-ords.
61	Rd - Br silty sand	34900E							
62	Grey - Br " "	34800E							
63	Pale Grey Br silty sand	34700E							Minor Psolites
64	Lt Br silty sand	34600E							Pisolites
65	" " " "	34500E							"
66	Rock Rd Br silty sand	35400E 8314800N							
67	" " " " "	35300E							
68	" " " " "	35200E							
69	" " " " "	35100E							
70	Rd Br silty sand	35000E							

APPENDIX 7

GVP REPORT BY MAGELLAN PETROLEUM LTD

MAGELLAN

MAGELLAN PETROLEUM AUSTRALIA LIMITED

(Incorporated in Queensland)
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12 May, 1994.

Dr. D.C. Gellatly,
Delta Gold N.L.,
Ground Floor, Scott House,
46-50 Kings Park Road,
West Perth, WA 6005

Dear Dave,

Please find enclosed our report on the re-analysis of the Cadjebut and Legune samples, together with the analysis of your 12 repeat samples. Again, I apologise for the delay in completing this work.

We intend to re-analyse the Sorby Hills samples as soon as possible, and if necessary, generate a new template for that area. These results will be sent to you when they become available.

Kind regards,

Chris Gregory

N.B. This considers only re-analysis

Legune Project

Legune and Cadjebut Areas

Comments on Re-analysis and Repeat Sample Test

Introduction

All survey samples from both the Cadjebut and Legune areas were re-analysed following the reconditioning of the mass spectrometer's sensor. Raw AMU values reported by the mass spectrometer after the overhaul were up to 400% higher than just prior to its overhaul. This increase in data, in some areas, has resulted in many compound being identified that previously were below the limit of detection. Also, and generally, the signal to noise ratio of the data has improved dramatically, and now we are able to use compounds and ratios of compounds that previously were unusable because of the high coefficient of variation in the data.

The original Legune Project analytical data was lacking in a only a few compounds that are reported in the re-analysed data. The main difference between the two data sets is in the relative concentrations of the AMU values and hence in the compounds. This variation is significant and has resulted in the original template becoming unusable with the re-analysed data.

Two new templates have been developed using the re-analysed data, and these new templates appears to be sufficiently robust to allow them to be used with the original data to identify as anomalous the zones that were originally classified as ore at Cadjebut. These new templates are generally very similar, in that they produce similar overall patterns of anomalism. However in the plots generated using the second template there are some areas that show distinctly more anomalism than is shown with the first template. On a sample by sample basis, the anomalism for some samples is almost identical with either template, while for others it can be markedly different. The differences between the two templates and which one is preferable is a matter for discussion on which better represents the distribution of mineralisation as it is known.

Also it should be noted that, both of the templates developed from these recent results when applied to the original analytical data (1993), show a somewhat similar pattern of anomalism in both survey areas to that of the new data. The magnitude of anomalism for individual samples is very different, but the pattern is similar. In this regard the X05 template produces a pattern that is closer to the original results than is the pattern produced by template X03.

Repeat Samples

The 12 repeat samples (R26714 - R26725), were processed using both of the new templates, and both with the re-analysed Cadjebut data and with the re-analysed Legune data. The results are given in Appendix 1 (template ABCD_DEF_X03), and Appendix 2 (template ABCD_DEF.X05). There are significant differences in the levels of anomalism depending on which samples were used to calculate the background anomalism threshold. With the Cadjebut area, there were four samples classified as "background", and for that area the mean of those four samples were used. In the Legune area, since it was uncertain which areas really represented background, the mean of all of the original survey samples were used to calculate a background. The repeat samples from Cadjebut should be compared with the survey samples from Cadjebut, and similarly the repeat samples from Legune should be compared with the survey samples from Legune. Comparing samples from different areas, where different background populations are used, produces misleading and incorrect conclusions.

The basis for calculating background should be carefully considered when interpreting and evaluating the results from an exploration programme, however very little extra effort is needed to evaluate various different "background" sample sets.

Cadjebut Area Results

The most apparent difference between the displayed anomalism of the two templates as applied to the re-analysed Cadjebut data is in the eastern line. The second template (X05), has been optimised to show the eastern line, whereas the earlier template (X03), did not try to select ratios that may have been present in the eastern line and not present in the western line. However the anomalism on the eastern line is slightly wider than the defined ore zone. This may in fact be the case since the ore zone is deeper here, and consequently there may be a wider dispersion pattern around the ore zone.

On the western line, the anomalism of the ore zone, as shown by both the new templates, is very clear and very similar in pattern. Please note again, that on the plots supplied with this report, anomalism as plotted is relative to any one plot. The absolute magnitudes are given in the accompanying tables. In the tables the anomalism is relative to the samples that have been used to calculate the background threshold.

Legune Area Results

The two new templates when applied to the samples from the Legune area both show strong anomalism on and around Line 9250, as did the original template. Template X05 also shows strong anomalism on Line 7400, while template X03 shows strong anomalism at only one sample and weak anomalism at other

samples. Similarly on the NW trending line, beside a track, template X05 shows stronger anomalism than does X03.

The validity of either template in this environment requires a greater knowledge of the underlying geology than is currently available. However both templates can be applied, and both show a similar pattern of anomalism.

Plots to accompany this report

For both templates a series of 16 plots have been prepared. Each plot shows either the plot name followed by the template extension (X03 or X05), or a date with the extension following it. Both sets of plots have similar names, but the extensions indicate which template was used to generate the data for the plot. The layout for the plots and the orientation of samples and lines is the same as that shown on the plots that accompanied the original report.

The data for the repeat samples is shown as an east-west line, with sample numbering starting from the western end. Since we do not know where the repeat samples came from all the repeats are plotted with the data from both areas. Again, please note, only the repeat samples from Area_A can be compared with the re-analysed data from Area_A. False levels of anomalism are seen when data from Area_A is plotted with the re-analysed data from Area_B, as is shown on some of these plots. Also, again please note, anomalism as shown on any single plot is relative to that plot. Plots showing data from different samples cannot be directly compared. Absolute magnitude of anomalies is given in the tables.

Plot CAD1NEWC	Shows the COUNT anomalism in the Cadjebut area using re-analysed data only, for the indicated template.
Plot CAD1NEWS	Shows the SUM anomalism in the Cadjebut area using re-analysed data only, for the indicated template.
Plot CAD1OLDC	Shows the COUNT anomalism in the Cadjebut area generated from the indicated template on the ORIGINAL data.
Plot CAD1OLDS	Shows the SUM anomalism in the Cadjebut area generated from the indicated template on the ORIGINAL data.
Plot CAD2NEWC	Shows the COUNT anomalism in the Cadjebut area using re-analysed data plus the repeat data, for the indicated template.
Plot CAD2NEWS	Shows the SUM anomalism in the Cadjebut area using re-analysed data plus the repeat data, for the indicated template.

Plot CADC1TST	(Name not shown on plot). Compares, for the Cadjebut area, COUNT anomalism from the application of the indicated template on the original and re-analysed data.
Plot CADS1TST	(Name not shown on plot). Compares, for the Cadjebut area, SUM anomalism from the application of the indicated template on the original and re-analysed data.
Plot LEG1NEWC	Shows the COUNT anomalism in the Legune area using re-analysed data plus the repeat data, using the indicated template.
Plot LEG1NEWS	Shows the SUM anomalism in the Legune area using re-analysed data plus the repeat data, using the indicated template.
Plot LEG1OLDC	Shows the COUNT anomalism in the Legune area generated from the indicated template on the ORIGINAL data.
Plot LEG1OLDS	Shows the SUM anomalism in the Legune area generated from the indicated template on the ORIGINAL data.
Plot LEGC1TST	(Name not shown on plot). Compares, for the Legune area, COUNT anomalism from the application of the indicated template on the original and re-analysed data.
Plot LEGS1TST	(Name not shown on plot). Compares, for the Legune area, SUM anomalism from the application of the indicated template on the original and re-analysed data.
Plot CAD_LEGC	(Name not shown on plot). Compares the COUNT anomalism for the REPEAT samples, (using the indicated template), from the Cadjebut and Legune areas.
Plot CAD_LEGS	(Name not shown on plot). Compares the SUM anomalism for the REPEAT samples, (using the indicated template), from the Cadjebut and Legune areas.

Legune Project

Results using Template ABCD_DEF.X03

Appendix 1

Legune Project - Analytical Comparison Test.
Cadjebut area data. Using template ABCD_DEF.X03
May 10, 1994.

**	Old_sum	Old_cnt	New_sum	New_cnt	Lab.	Field	
1	0.27	1	0.00	0	BE26	R25878	Cadjebut, Eastern Line
2	7.06	10	0.85	10	BE27	R25879	
3	0.34	2	32.20	104	BE28	R25880	
4	0.67	2	5.42	40	BE29	R25881	
5	14.77	51	10.99	90	BE30	R25882	
6	1.96	6	0.00	0	BE31	R25883	
7	0.07	1	0.00	0	BE32	R25884	
8	107.91	208	311.55	757	BE33	R25885	Cadjebut, Western Line
9	1.08	3	0.82	9	BE34	R25886	
10	15.66	49	0.00	0	BE35	R25887	
11	25.97	40	0.00	0	BE36	R25888	
12	40.10	86	0.00	0	BE37	R25889	
13	96.55	208	264.42	783	BE38	R25890	
14	0.39	2	28.02	84	BE39	R25891	
15	459.62	513	186.96	698	BE40	R25892	
16	32.48	52	0.37	3	BF01	R25893	
17	25.42	87	0.00	0	BF02	R25894	
18	4.20	10	0.07	2	BF03	R25895	
19	5.56	5	0.00	0	BF04	R25896	
20	0.00	0	0.00	0	BF05	R25897	Cadjebut background line
21	0.00	0	0.00	0	BF06	R25898	
22	0.04	1	0.00	0	BF07	R25899	
23	0.00	0	0.00	0	BF08	R25900	

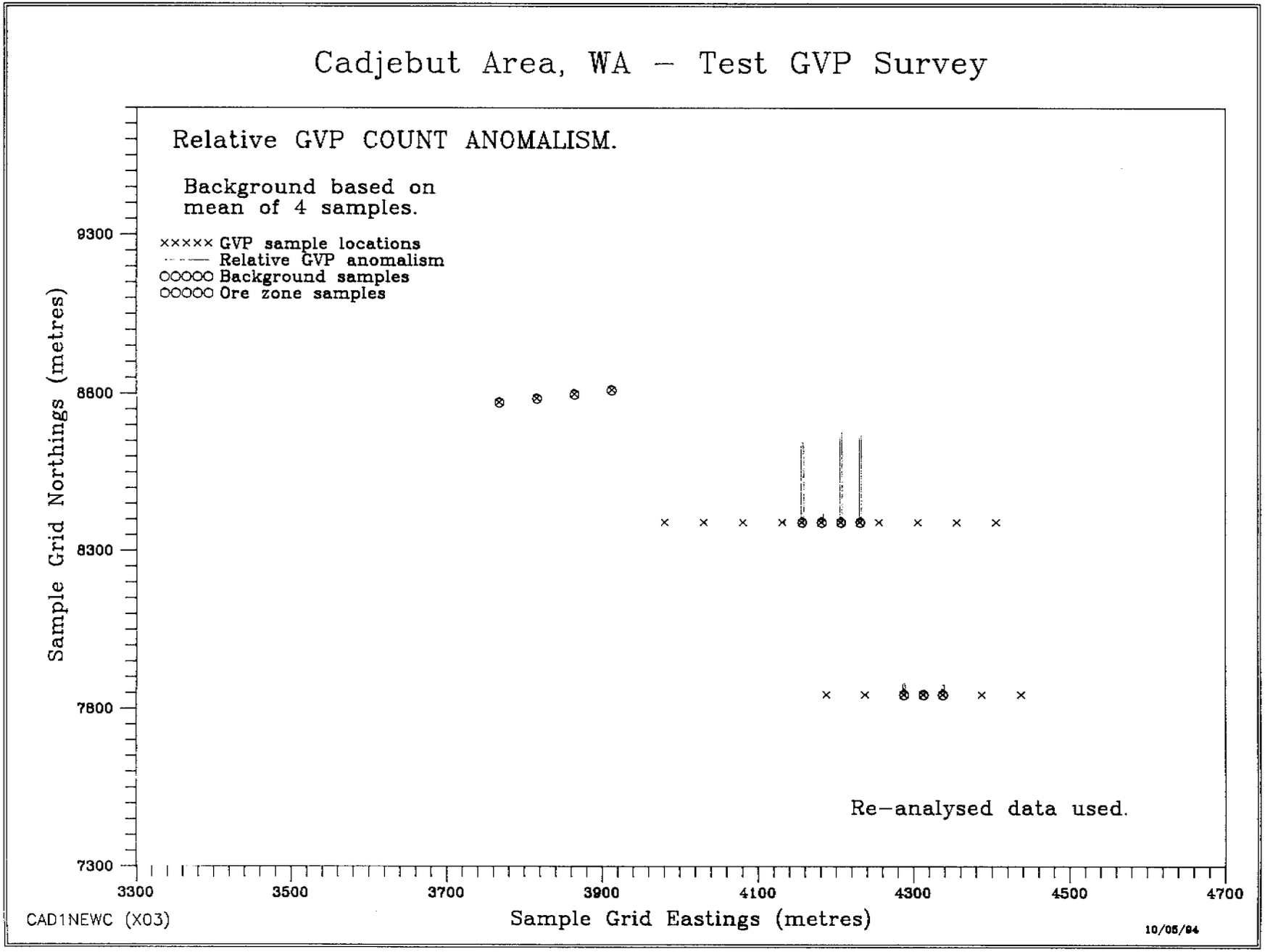
Legune Project - Analytical Comparison Test.
Legune area data. Using template ABCD_DEF.X03
May 10, 1994.

**	Old_sum	Old_cnt	New_sum	New_cnt	Lab.	Field	
1	858.42	532	326.88	570	AZ01	R25801	Legune - Line 9250 North
2	761.25	554	729.76	613	AZ02	R25802	
3	1050.37	529	926.14	647	AZ03	R25803	
4	77.79	209	0.01	1	AZ04	R25804	
5	3.26	13	0.00	0	AZ05	R25805	
6	28.01	49	0.00	0	AZ06	R25806	
7	0.14	1	0.05	1	AZ07	R25807	
8	11.21	55	4.70	28	AZ08	R25808	
9	0.00	0	0.00	0	AZ09	R25809	Legune - Line 9650 North
10	0.66	4	0.81	5	AZ10	R25810	
11	92.47	67	0.00	0	AZ11	R25811	
12	128.27	70	0.00	0	AZ12	R25812	
13	0.00	0	0.00	0	AZ13	R25813	
14	2.73	20	0.00	0	AZ14	R25814	
15	0.00	0	0.00	0	AZ15	R25815	
16	0.68	1	1.62	9	AZ16	R25816	
17	0.23	1	0.00	0	AZ17	R25817	
18	0.55	2	0.00	0	AZ18	R25818	Legune - Line 9450 North
19	1.18	6	0.00	0	AZ19	R25819	
20	0.00	0	0.00	0	AZ20	R25820	
21	0.00	0	0.00	0	AZ21	R25821	
22	1.76	9	12.98	33	AZ22	R25822	
23	0.00	0	0.00	0	AZ23	R25823	
24	7.47	33	0.00	0	AZ24	R25824	
25	0.00	0	0.00	0	AZ25	R25825	
26	10.94	29	0.78	6	AZ26	R25826	Legune - Line 9050 North
27	418.31	427	167.31	358	AZ27	R25827	
28	11.43	37	16.05	52	AZ28	R25828	
29	20.41	73	26.00	118	AZ29	R25829	
30	0.00	0	0.00	0	AZ30	R25830	
31	0.46	5	0.00	0	AZ31	R25831	
32	6.13	20	0.19	1	AZ32	R25832	
33	0.00	0	0.00	0	AZ33	R25833	
34	1.69	5	0.00	0	AZ34	R25834	
35	0.96	10	1.64	11	AZ35	R25835	Legune - Line 7400 North
36	100.49	70	258.71	246	AZ36	R25836	
37	7.17	23	1.09	4	AZ37	R25837	
38	7.72	11	60.45	50	AZ38	R25838	
39	0.17	2	0.08	1	AZ39	R25839	
40	0.16	2	25.75	42	AZ40	R25840	
41	3.71	11	7.58	16	BA01	R25841	
42	4.29	12	0.86	3	BA02	R25842	
43	7.53	9	0.44	2	BA03	R25843	Legune, NW line on track
44	5.08	5	8.45	8	BA04	R25844	
45	2.47	2	10.72	13	BA05	R25845	
46	8.67	6	6.18	8	BA06	R25846	
47	13.05	23	1.37	4	BA07	R25847	
48	0.88	4	0.00	0	BA08	R25848	
49	4.79	11	0.00	0	BA09	R25849	
50	0.00	0	0.00	0	BA10	R25850	
51	0.00	0	0.00	0	BA11	R25851	
52	0.00	0	0.00	0	BA12	R25852	
53	0.03	1	0.00	0	BF09	R26101	Legune - Background line
54	9.06	37	0.16	2	BF10	R26102	
55	114.08	84	0.00	0	BF11	R26103	
56	110.30	71	4.61	22	BF12	R26104	

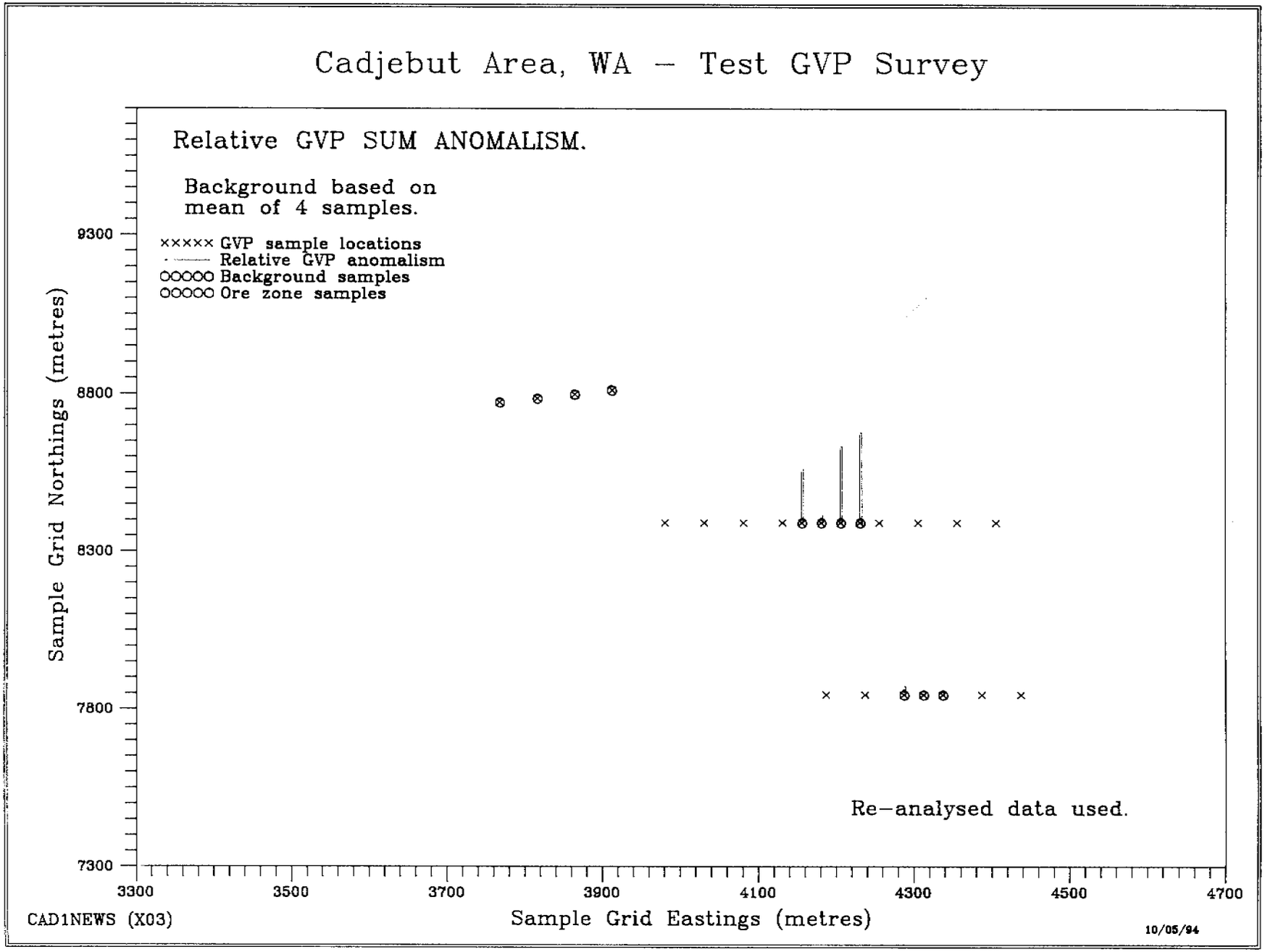
Legune Project - Analytical Comparison Test.
Comparison of results based on different background samples.
Uses template ABCD_DEF.X03.
May 10, 1994.

	Legune area.		Cadjebut area.				
**	Leg_sum	Leg_cnt	Cad_sum	Cad_cnt	Lab.	Field	
1	57.51	27	0.00	0	BQ01	R26714	Repeat Samples.
2	14.30	29	4.50	24	BQ02	R26715	
3	17.09	50	5.65	56	BQ03	R26716	
4	49.10	36	0.16	1	BQ04	R26717	
5	49.11	29	0.30	3	BQ05	R26718	
6	15.52	13	0.00	0	BQ06	R26719	
7	0.62	1	73.65	115	BQ07	R26720	
8	18.60	22	74.14	51	BQ08	R26721	
9	3.35	3	36.62	40	BQ09	R26722	
10	0.00	0	67.04	115	BQ10	R26723	
11	395.29	512	1112.53	700	BQ11	R26724	
12	717.26	647	1695.79	747	BQ12	R26725	

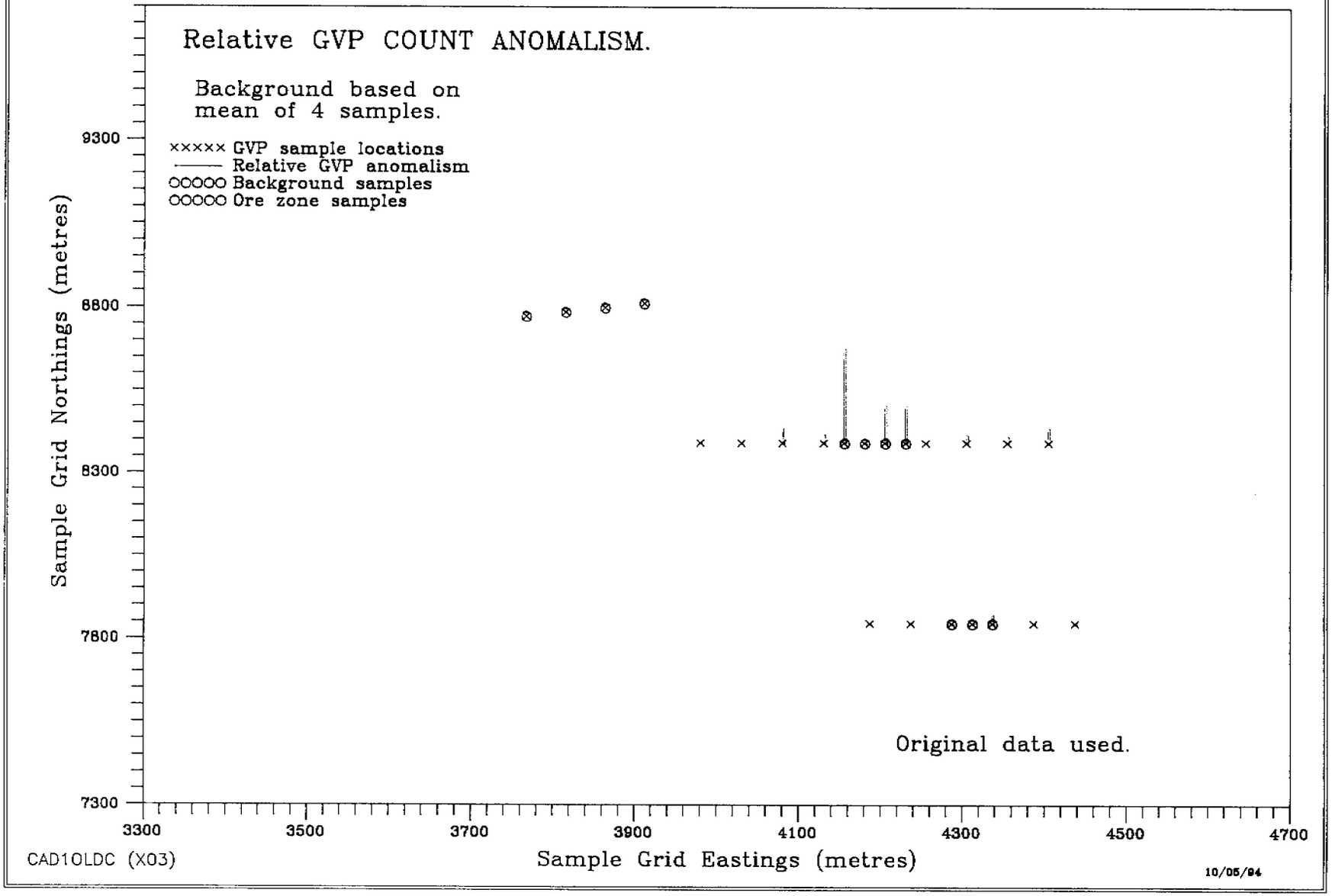
Cadjebut Area, WA – Test GVP Survey



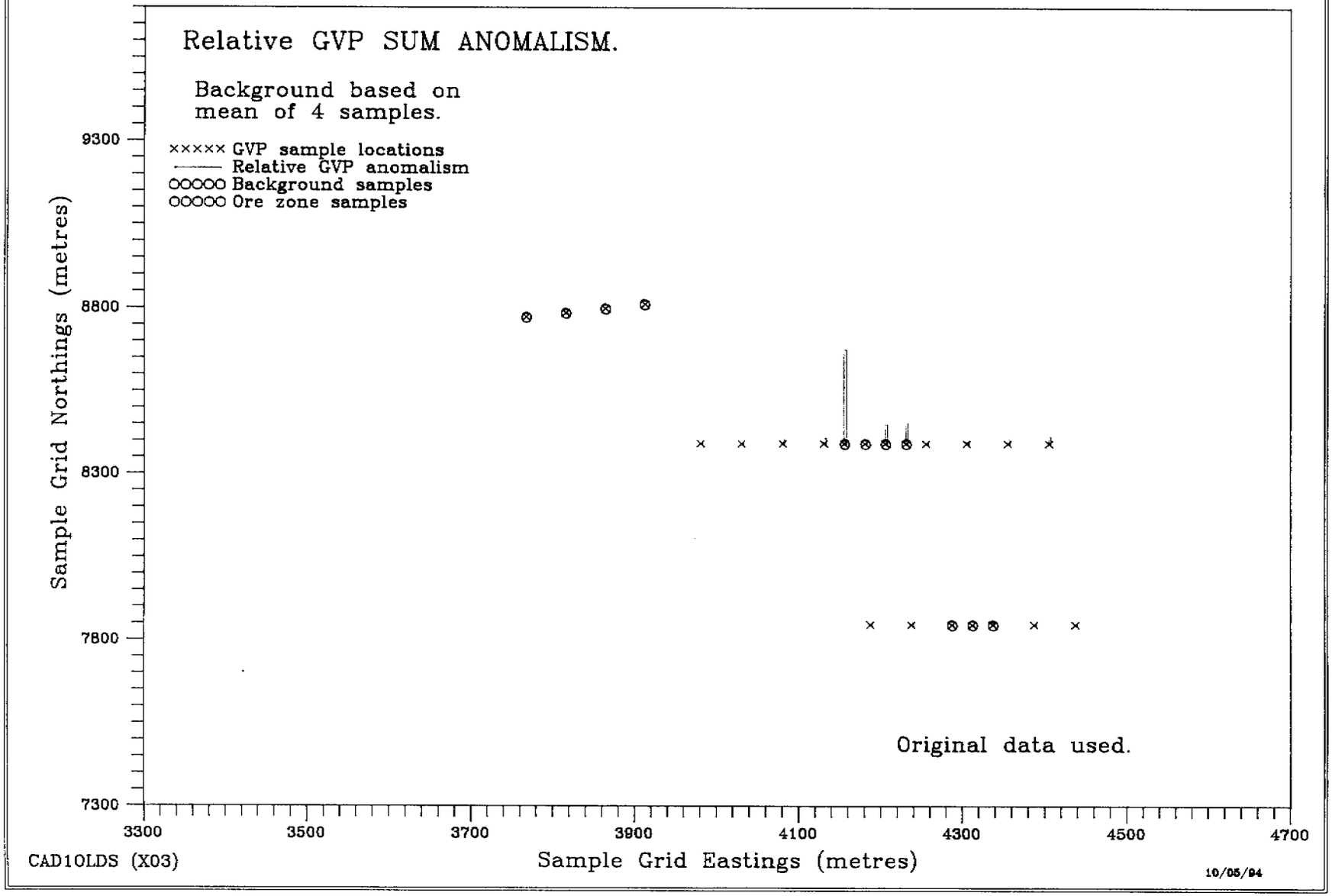
Cadjebut Area, WA – Test GVP Survey



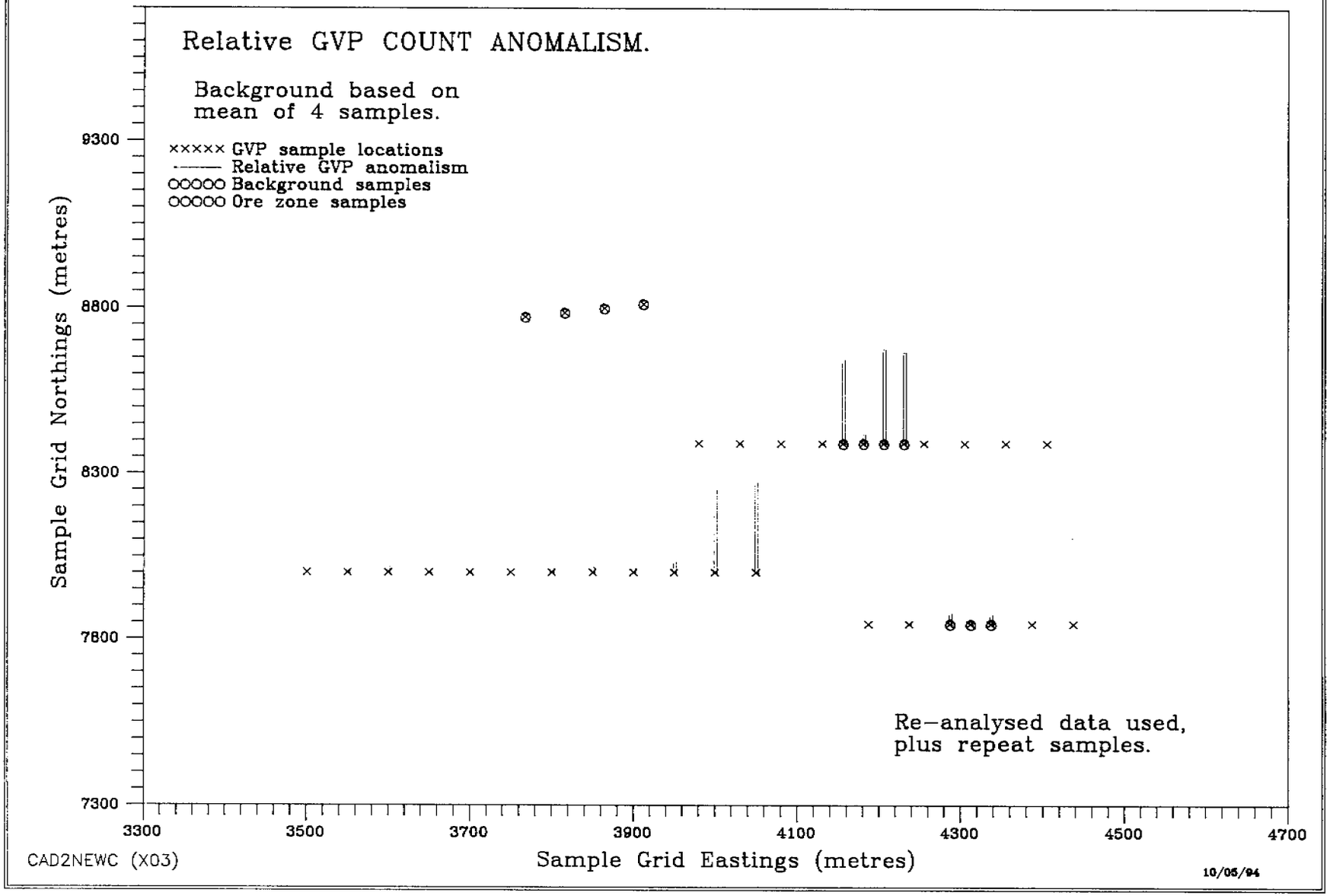
Cadjebut Area, WA – Test GVP Survey



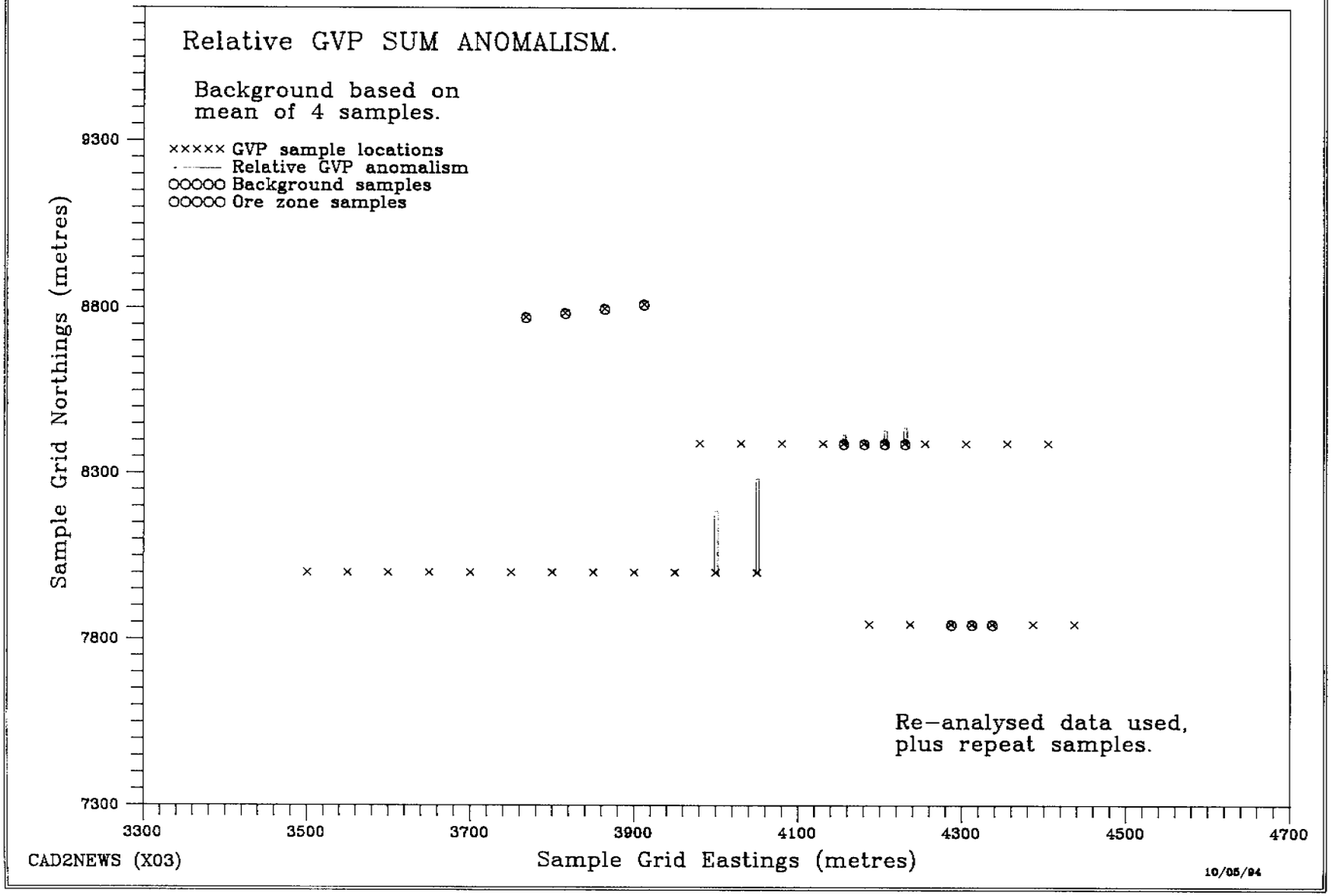
Cadjebut Area, WA – Test GVP Survey

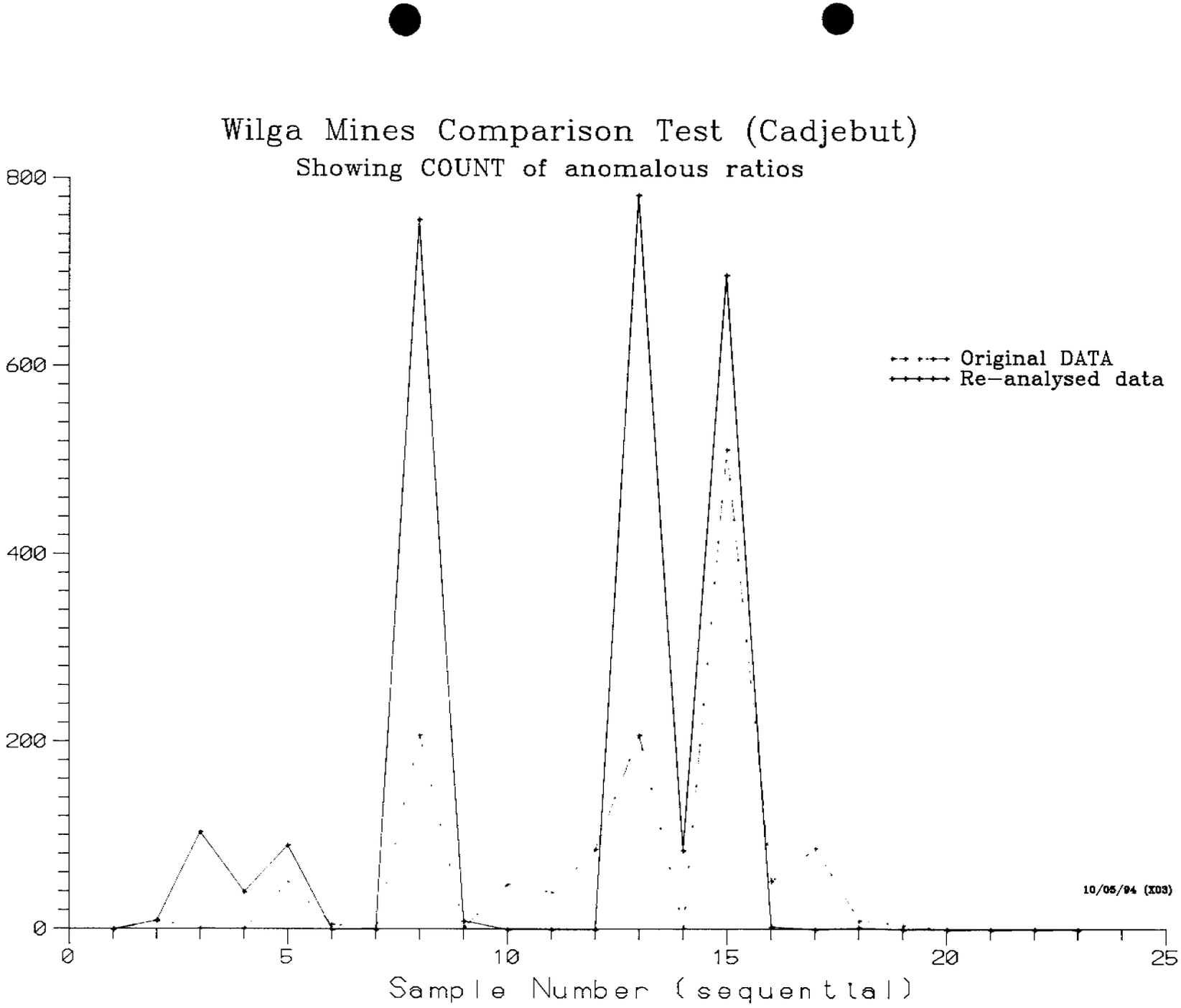


Cadjebut Area, WA – Test GVP Survey



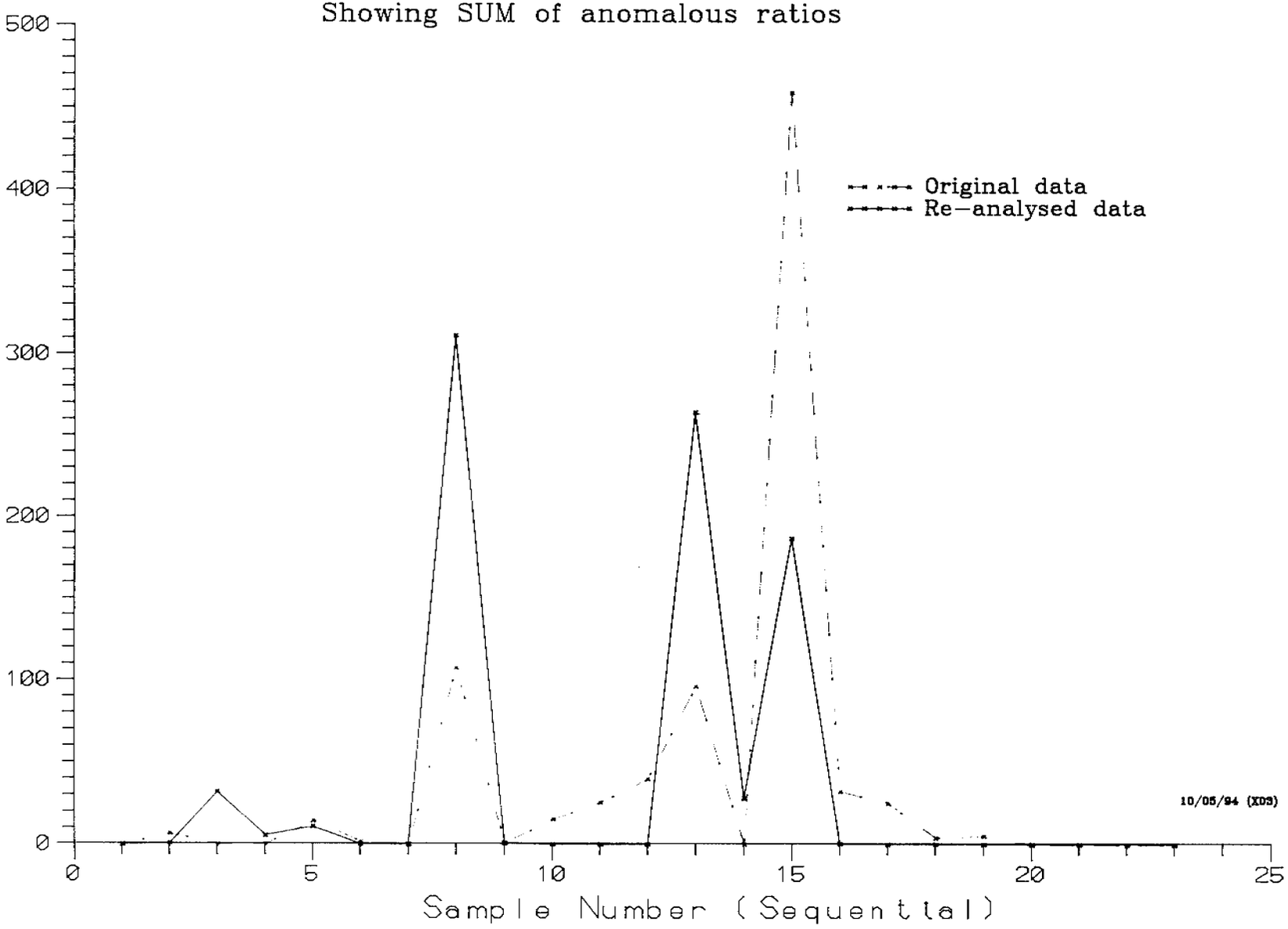
Cadjebut Area, WA – Test GVP Survey



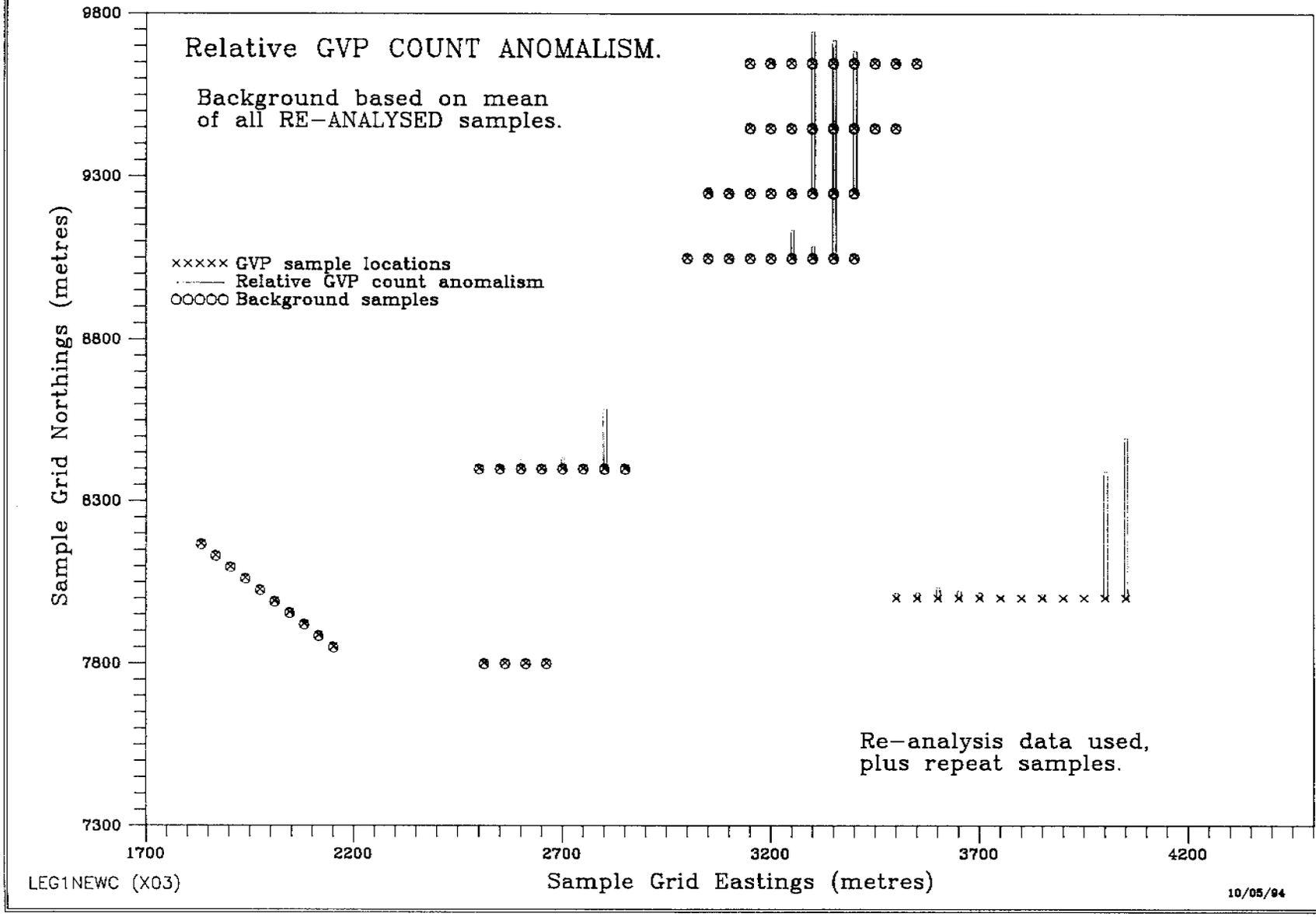

Wilga Mines Comparison Test (Cadjebut)
Showing COUNT of anomalous ratios
800
600
400
200
0
0
5
10
15
20
25
Sample Number (sequential)
Original DATA
Re-analysed data
10/05/94 (X03)

Wilga Mines Comparison Test (Cadjebut)

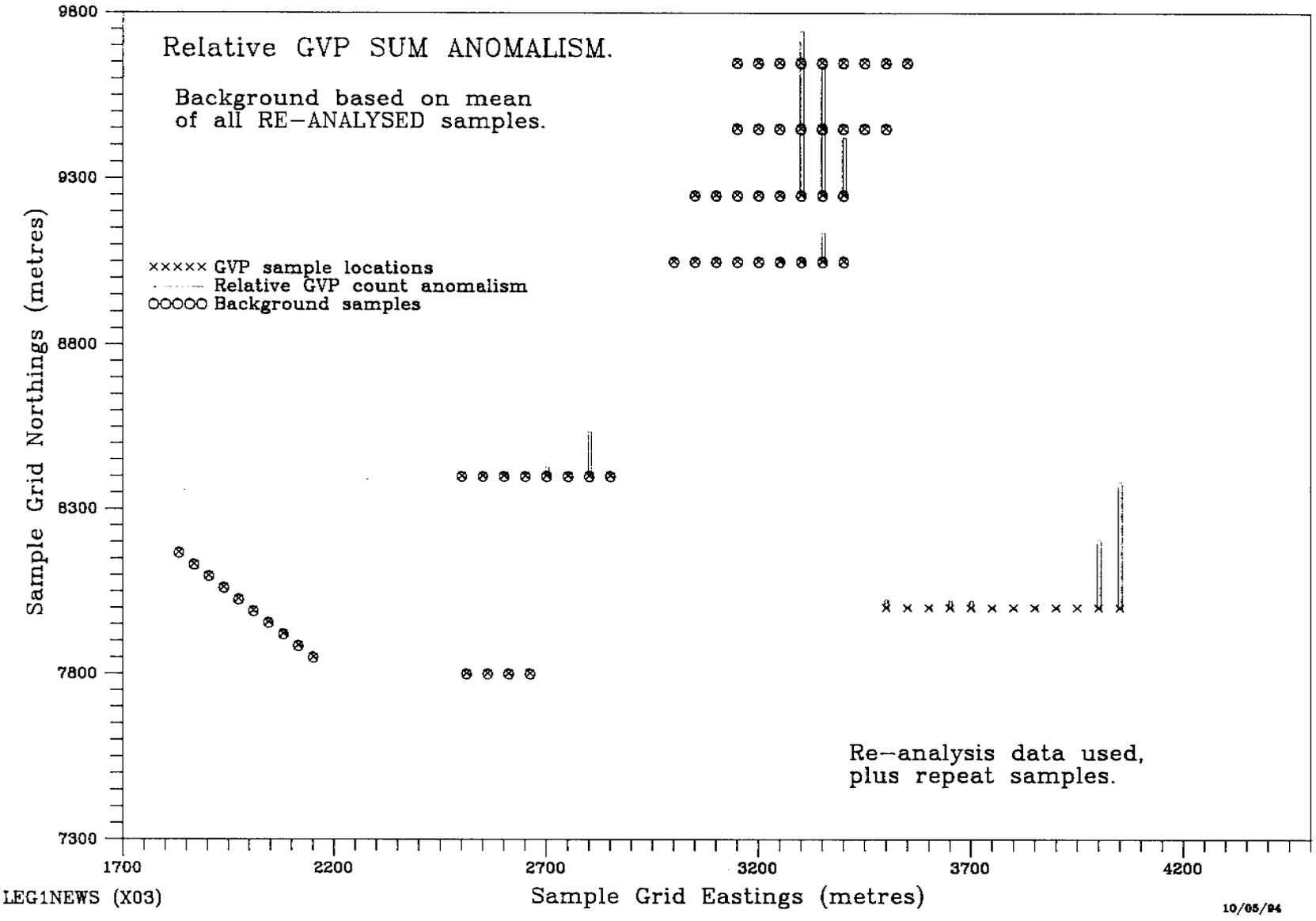
Showing SUM of anomalous ratios



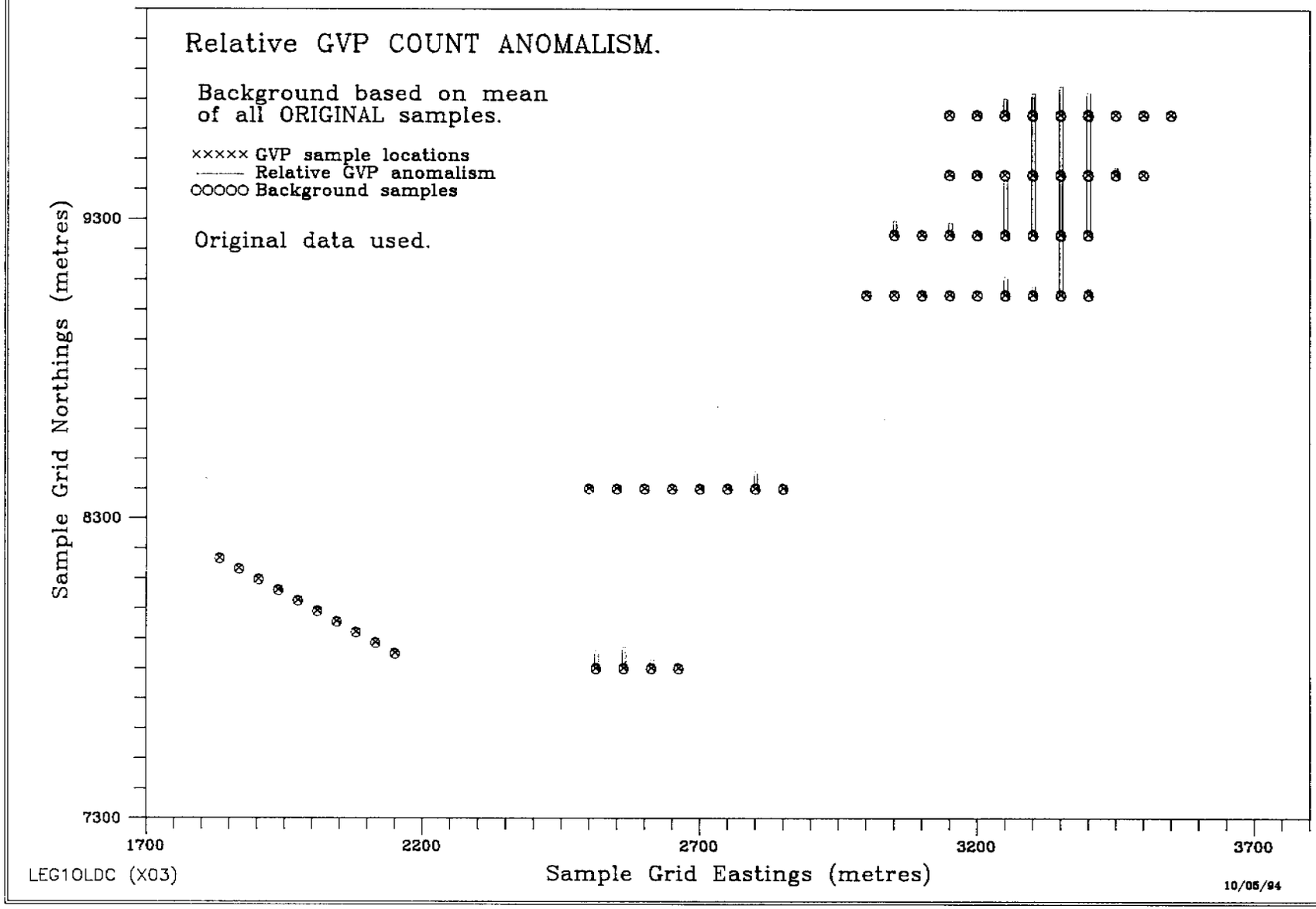
Legune Area, WA – Test GVP Survey



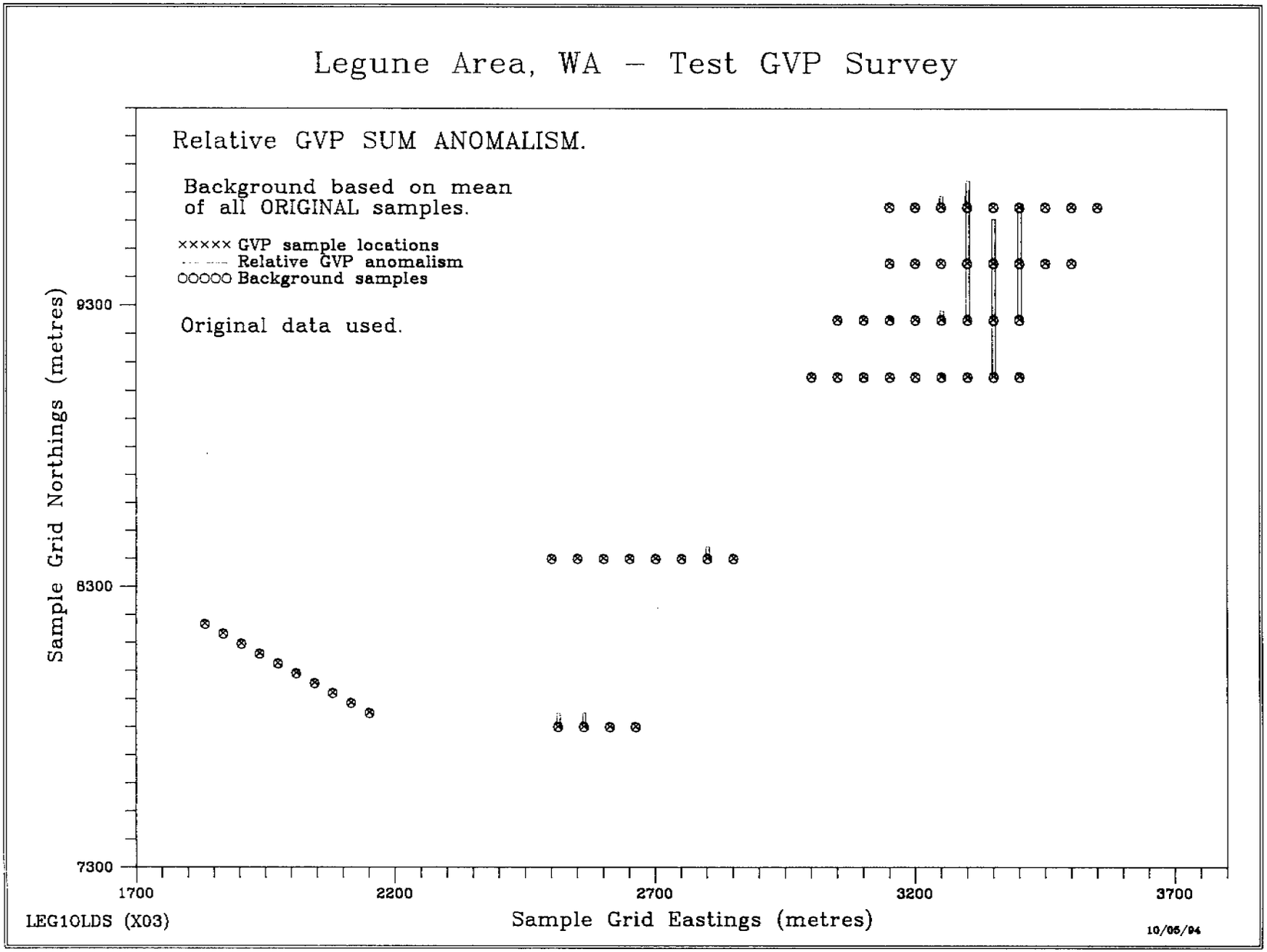
Legune Area, WA – Test GVP Survey



Legune Area, WA – Test GVP Survey

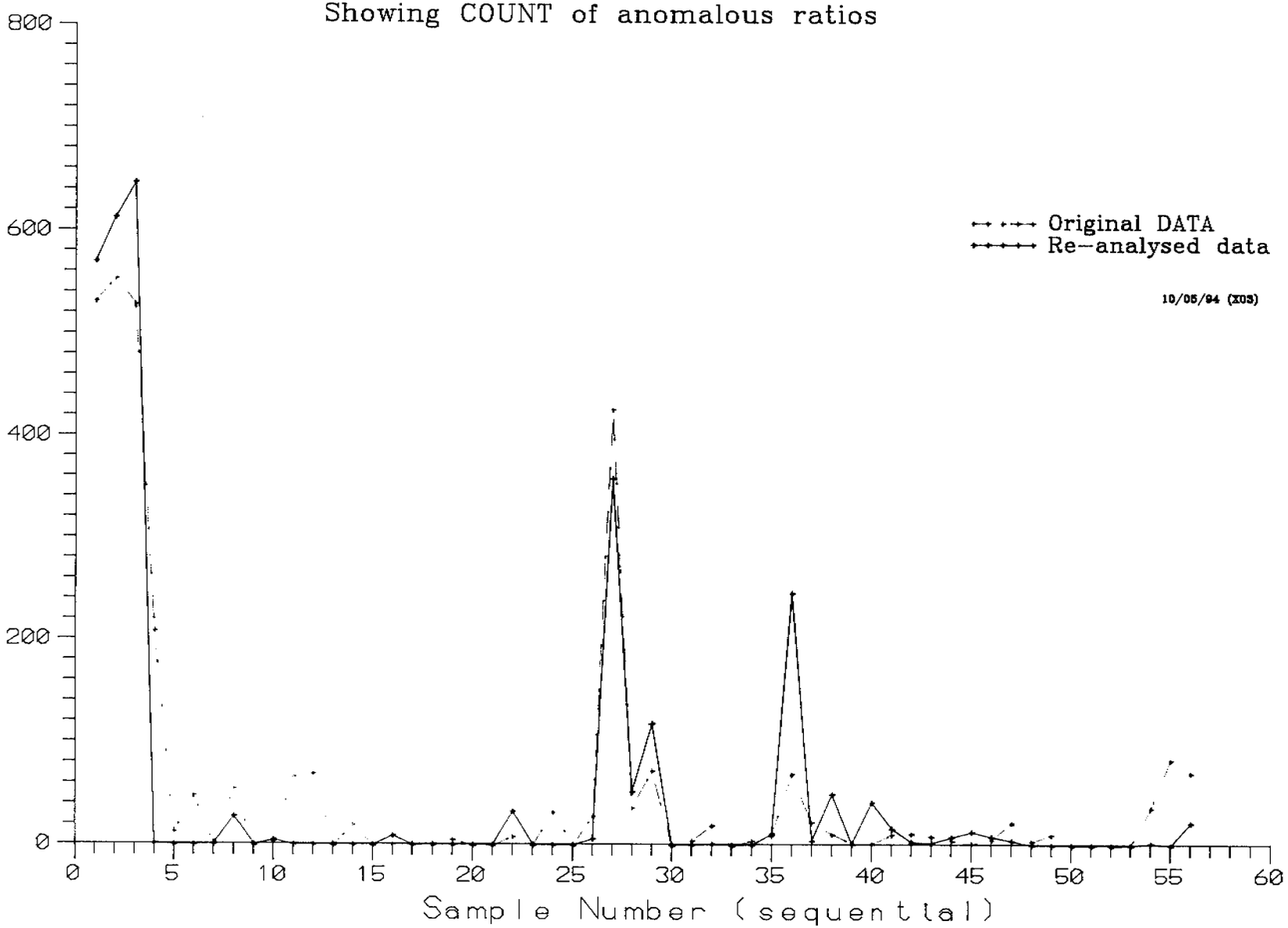


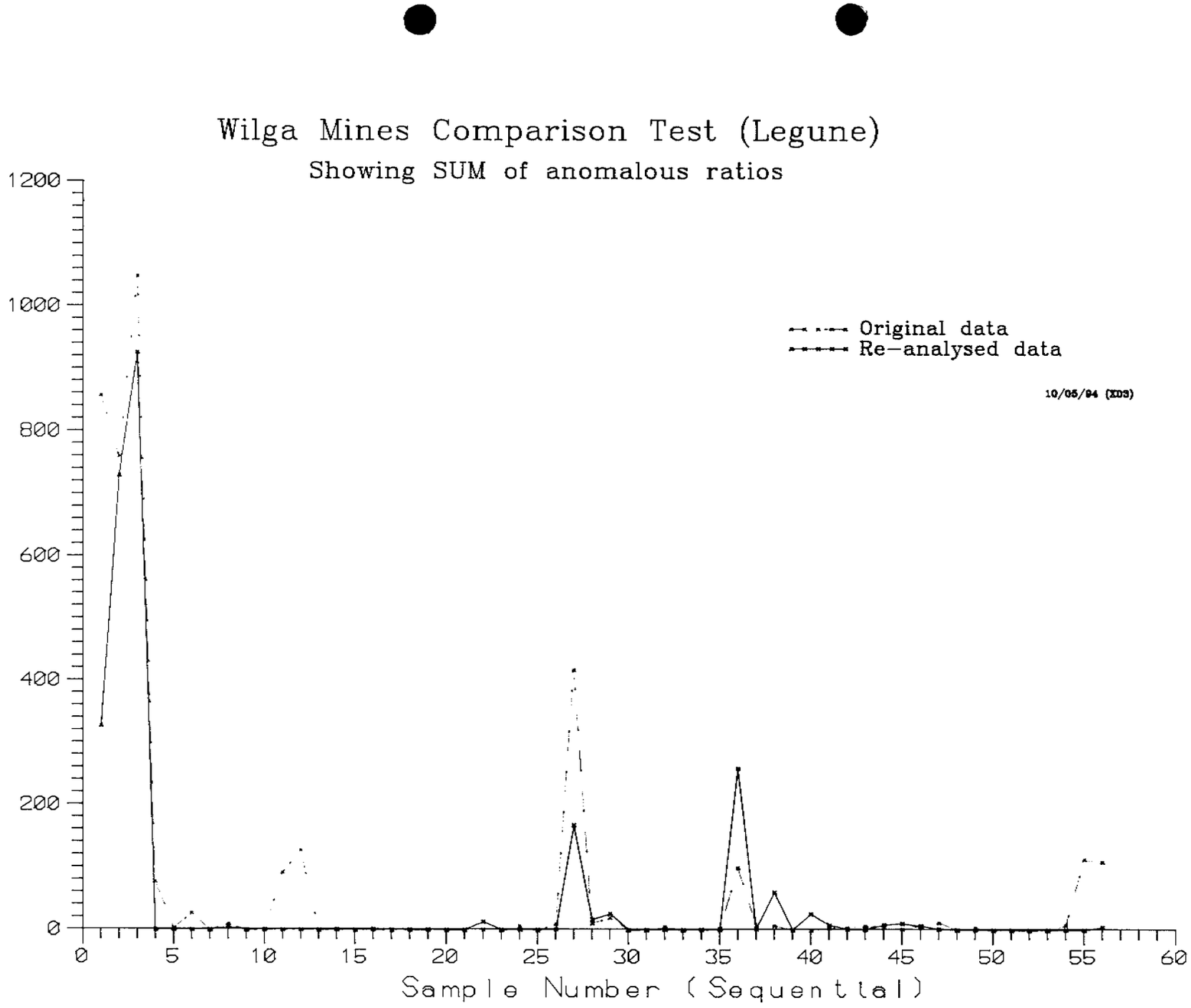
Legune Area, WA – Test GVP Survey

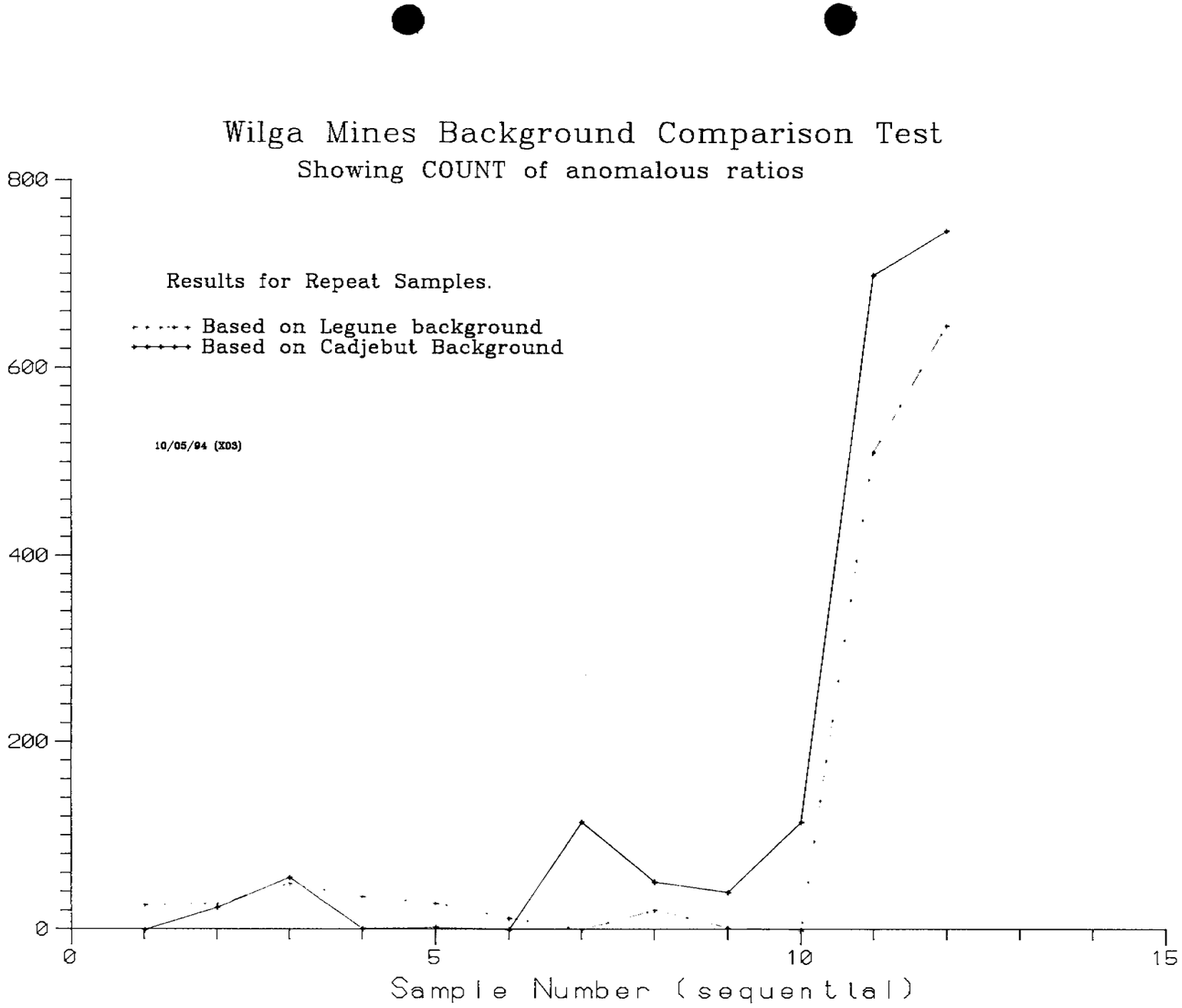


Wilga Mines Comparison Test (Legune)

Showing COUNT of anomalous ratios

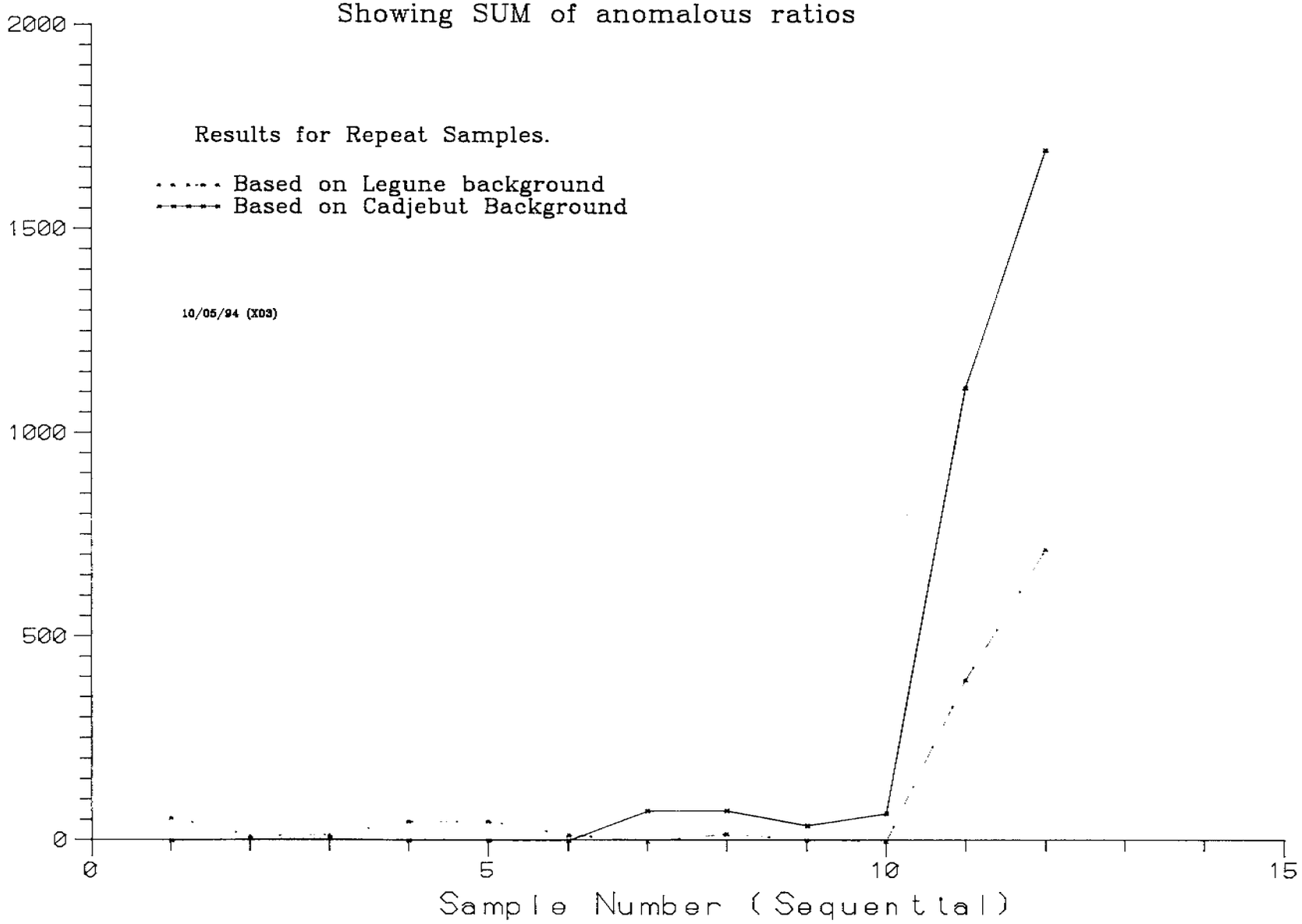



Wilga Mines Comparison Test (Legune)
Showing SUM of anomalous ratios
Original data
Re-analysed data
10/05/94 (XD3)
1200
1000
800
600
400
200
0
0
5
10
15
20
25
30
35
40
45
50
55
60
Sample Number (Sequential)


Wilga Mines Background Comparison Test
Showing COUNT of anomalous ratios
Results for Repeat Samples.
Based on Legune background
Based on Cadjebut Background
10/05/94 (XDS)
800
600
400
200
0
0
5
10
15
Sample Number (sequential)

Wilga Mines Background Comparison Test

Showing SUM of anomalous ratios



Legune Project

Results using Template ABCD_DEF.X05

Appendix 2

Legune Project - Analytical Comparison Test.
Legune area data. Using template ABCD_DEF.X05
May 11, 1994.

**	Old_sum	Old_cnt	New_sum	New_cnt	Lab.	Field	
1	858.42	532	331.91	587	AZ01	R25801	Legune - Line 9250 North
2	770.10	573	733.09	626	AZ02	R25802	
3	1069.23	558	959.77	701	AZ03	R25803	
4	78.77	215	0.01	1	AZ04	R25804	
5	3.45	16	0.00	0	AZ05	R25805	
6	28.56	52	0.00	0	AZ06	R25806	
7	0.14	1	0.05	1	AZ07	R25807	
8	13.31	63	4.70	28	AZ08	R25808	
9	0.00	0	0.00	0	AZ09	R25809	Legune - Line 9650 North
10	1.34	6	1.49	8	AZ10	R25810	
11	105.00	73	0.36	2	AZ11	R25811	
12	135.46	76	0.00	0	AZ12	R25812	
13	0.00	0	0.00	0	AZ13	R25813	
14	2.76	21	0.00	0	AZ14	R25814	
15	0.02	1	0.00	0	AZ15	R25815	
16	0.68	1	9.42	29	AZ16	R25816	
17	0.23	1	0.00	0	AZ17	R25817	
18	0.99	4	0.00	0	AZ18	R25818	Legune - Line 9450 North
19	1.55	7	0.00	0	AZ19	R25819	
20	0.00	0	0.00	0	AZ20	R25820	
21	0.00	0	0.00	0	AZ21	R25821	
22	2.18	11	12.98	33	AZ22	R25822	
23	0.00	0	0.00	0	AZ23	R25823	
24	9.37	37	0.00	0	AZ24	R25824	
25	0.00	0	0.25	2	AZ25	R25825	
26	18.62	51	0.78	6	AZ26	R25826	Legune - Line 9050 North
27	538.56	518	209.30	438	AZ27	R25827	
28	15.22	49	16.50	56	AZ28	R25828	
29	20.99	75	26.00	118	AZ29	R25829	
30	0.00	0	0.00	0	AZ30	R25830	
31	0.46	5	0.00	0	AZ31	R25831	
32	7.22	26	0.19	1	AZ32	R25832	
33	0.00	0	0.17	1	AZ33	R25833	
34	1.69	5	0.00	0	AZ34	R25834	
35	0.96	10	1.64	11	AZ35	R25835	Legune - Line 7400 North
36	132.14	96	710.84	450	AZ36	R25836	
37	7.17	23	1.09	4	AZ37	R25837	
38	11.79	15	415.94	235	AZ38	R25838	
39	0.17	2	0.08	1	AZ39	R25839	
40	0.20	3	150.83	172	AZ40	R25840	
41	16.33	41	84.86	144	BA01	R25841	
42	11.27	24	5.07	24	BA02	R25842	
43	10.93	11	0.80	3	BA03	R25843	Legune, NW line on track
44	5.08	5	39.85	49	BA04	R25844	
45	2.47	2	316.48	75	BA05	R25845	
46	10.89	10	195.80	108	BA06	R25846	
47	60.58	58	24.40	59	BA07	R25847	
48	4.30	12	0.00	0	BA08	R25848	
49	8.07	17	0.47	3	BA09	R25849	
50	0.00	0	0.00	0	BA10	R25850	
51	0.00	0	0.00	0	BA11	R25851	
52	0.00	0	0.41	3	BA12	R25852	
53	0.03	1	0.00	0	BF09	R26101	Legune - Background line
54	9.06	37	0.16	2	BF10	R26102	
55	119.12	90	0.00	0	BF11	R26103	
56	113.13	77	5.26	24	BF12	R26104	

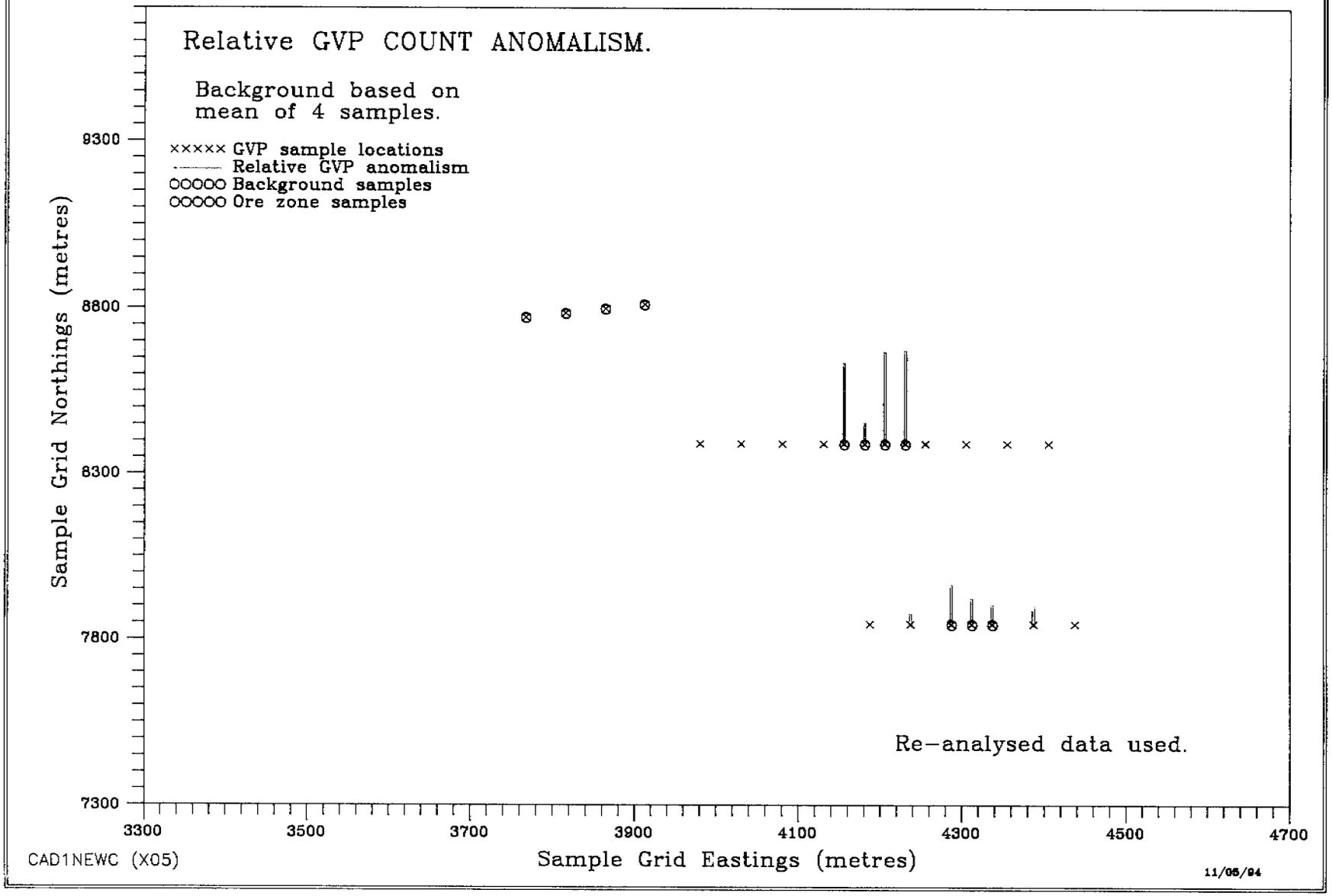
Legune Project - Analytical Comparison Test.
Cadjebut area data. Using template ABCD_DEF.X05
May 11, 1994.

**	Old_sum	Old_cnt	New_sum	New_cnt	Lab.	Field	
1	0.80	3	0.00	0	BE26	R25878	Cadjebut, Eastern Line
2	12.84	24	35.67	103	BE27	R25879	
3	0.34	2	186.09	351	BE28	R25880	
4	0.67	2	30.49	232	BE29	R25881	
5	14.77	51	30.75	182	BE30	R25882	
6	1.96	6	49.73	169	BE31	R25883	
7	0.07	1	0.00	0	BE32	R25884	
8	107.91	208	323.13	804	BE33	R25885	Cadjebut, Western Line
9	1.13	4	2.73	25	BE34	R25886	
10	15.66	49	0.00	0	BE35	R25887	
11	25.97	40	0.00	0	BE36	R25888	
12	40.10	86	0.00	0	BE37	R25889	
13	96.55	208	266.61	793	BE38	R25890	
14	0.39	2	65.79	197	BE39	R25891	
15	461.51	520	186.99	699	BE40	R25892	
16	32.48	52	0.37	3	BF01	R25893	
17	25.42	87	0.00	0	BF02	R25894	
18	4.25	11	0.07	2	BF03	R25895	
19	6.71	9	0.03	1	BF04	R25896	
20	0.05	1	0.00	0	BF05	R25897	Cadjebut background line
21	0.00	0	0.00	0	BF06	R25898	
22	0.04	1	0.00	0	BF07	R25899	
23	0.00	0	0.00	0	BF08	R25900	

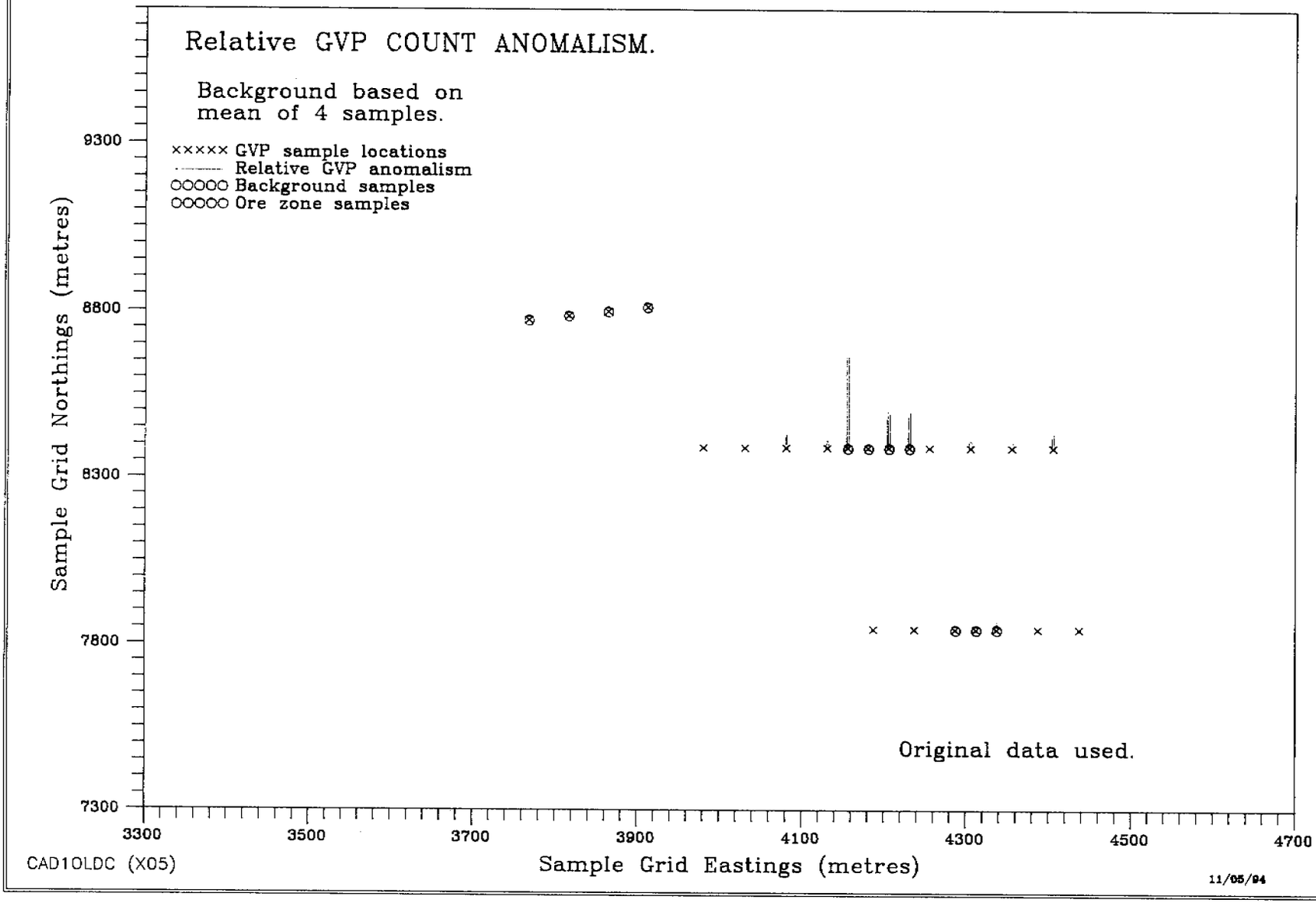
Legune Project - Analytical Comparison Test.
Comparison of results based on different background samples.
Using template ABCD_DEF.X05
May 11, 1994.

	Legune area.		Cadjebut area.				
**	Leg_sum	Leg_cnt	Cad_sum	Cad_cnt	Lab.	Field	
1	115.40	95	0.44	1	BQ01	R26714	Repeat Samples.
2	91.63	152	4.55	26	BQ02	R26715	
3	57.43	123	5.65	56	BQ03	R26716	
4	160.77	135	0.16	1	BQ04	R26717	
5	118.93	115	1.69	7	BQ05	R26718	
6	25.16	20	0.00	0	BQ06	R26719	
7	0.62	1	74.42	116	BQ07	R26720	
8	296.96	148	236.21	130	BQ08	R26721	
9	23.63	43	50.11	48	BQ09	R26722	
10	0.82	6	67.95	118	BQ10	R26723	
11	425.54	583	1115.52	704	BQ11	R26724	
12	744.76	700	1700.18	752	BQ12	R26725	

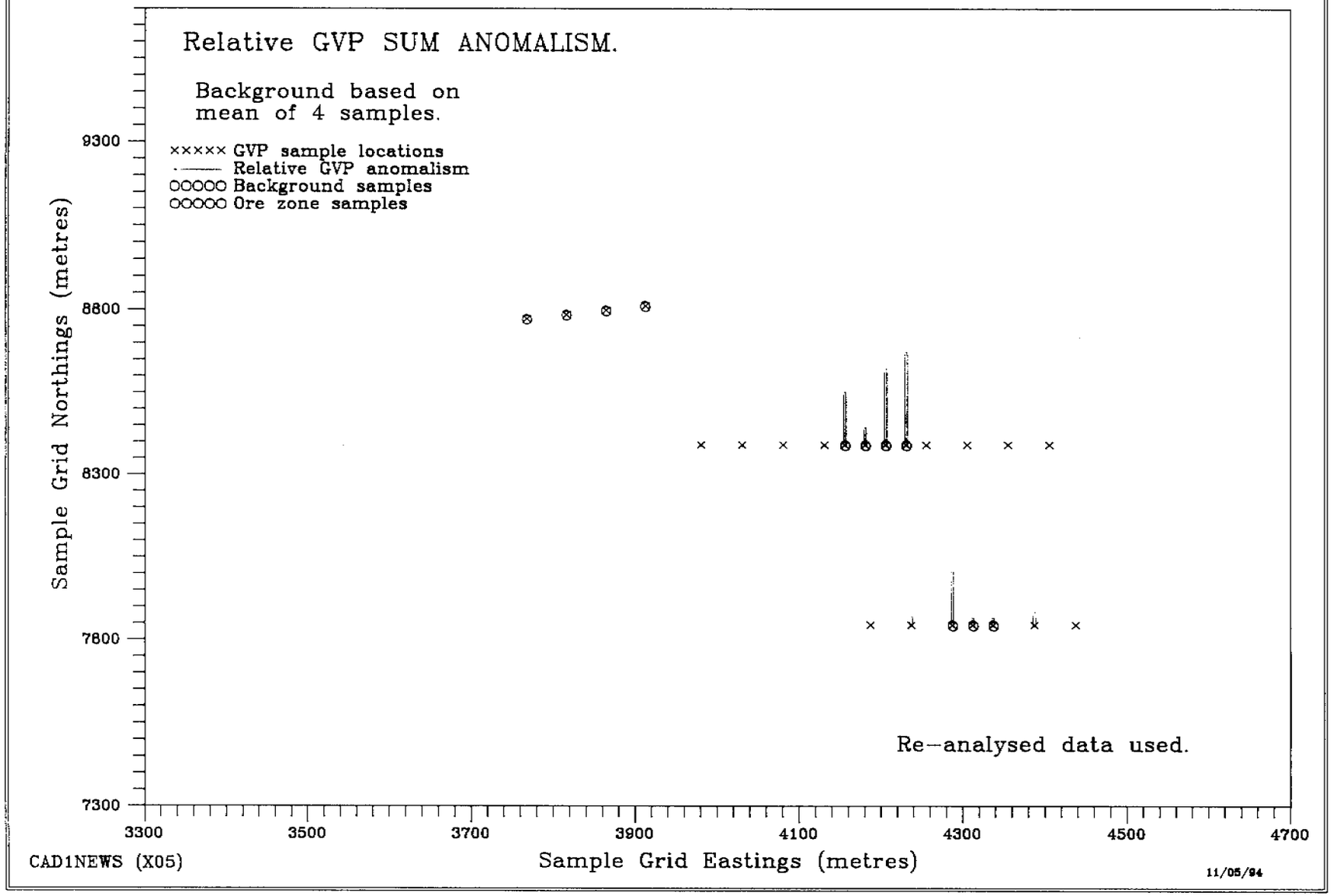
Cadjebut Area, WA – Test GVP Survey



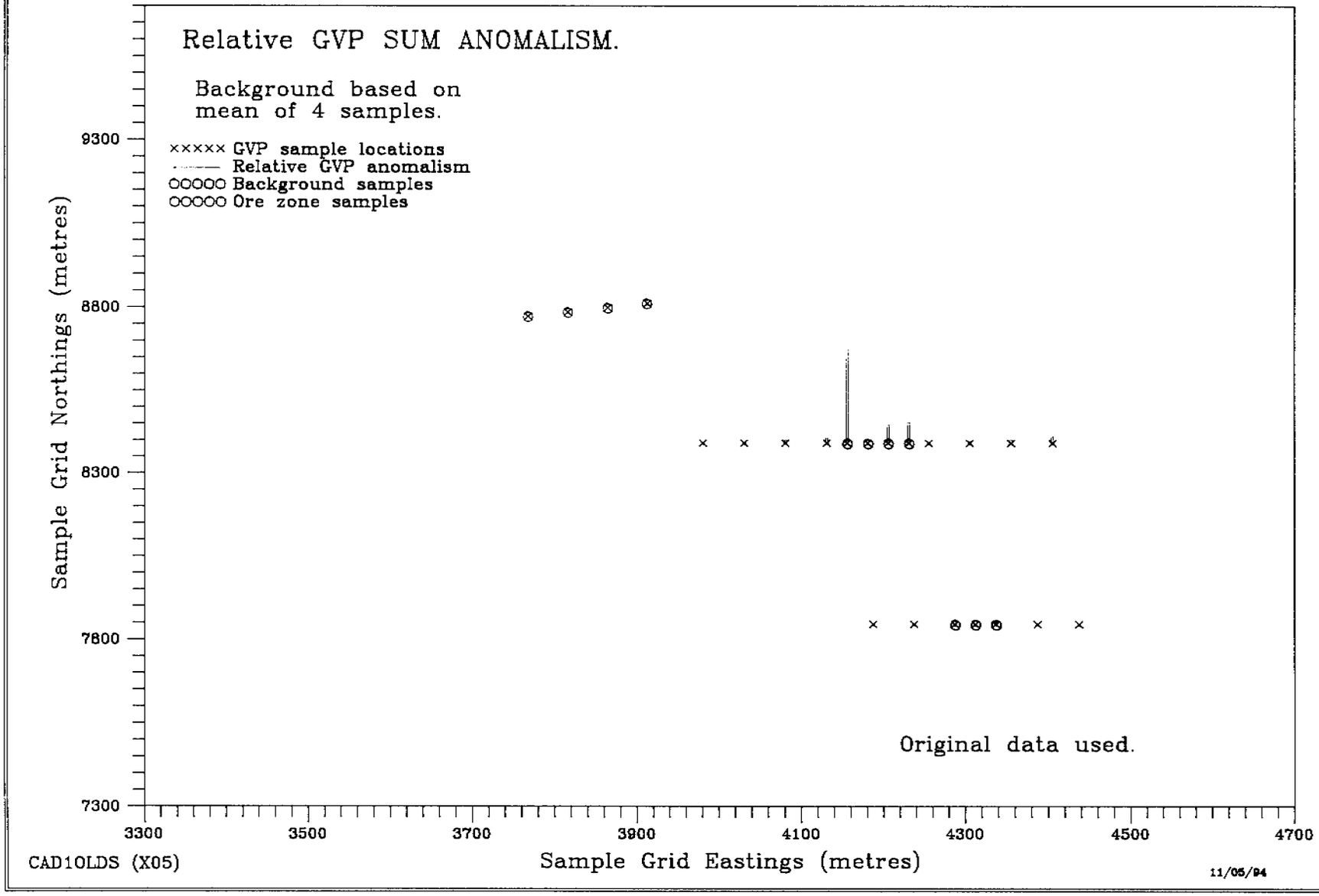
Cadjebut Area, WA – Test GVP Survey



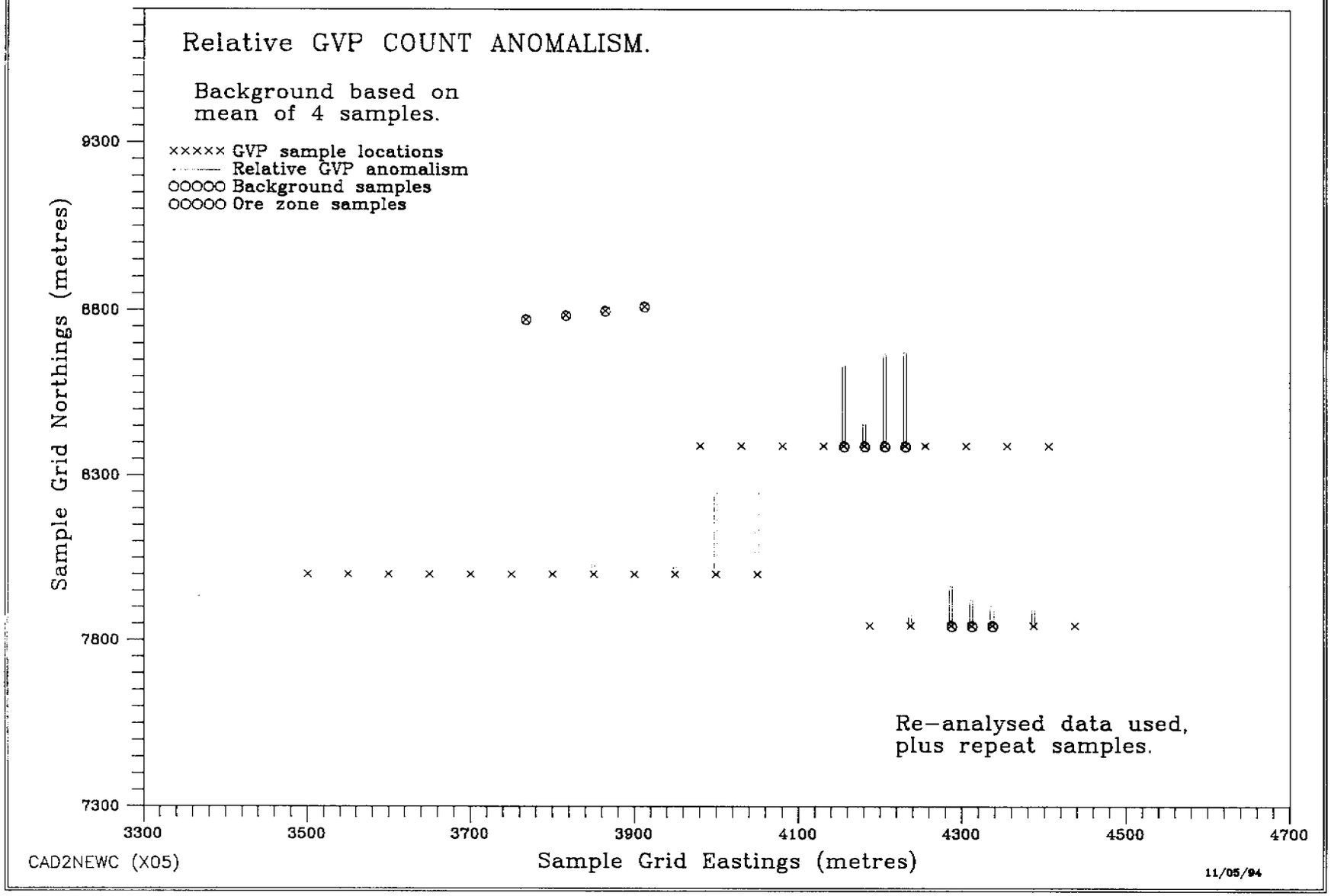
Cadjebut Area, WA – Test GVP Survey



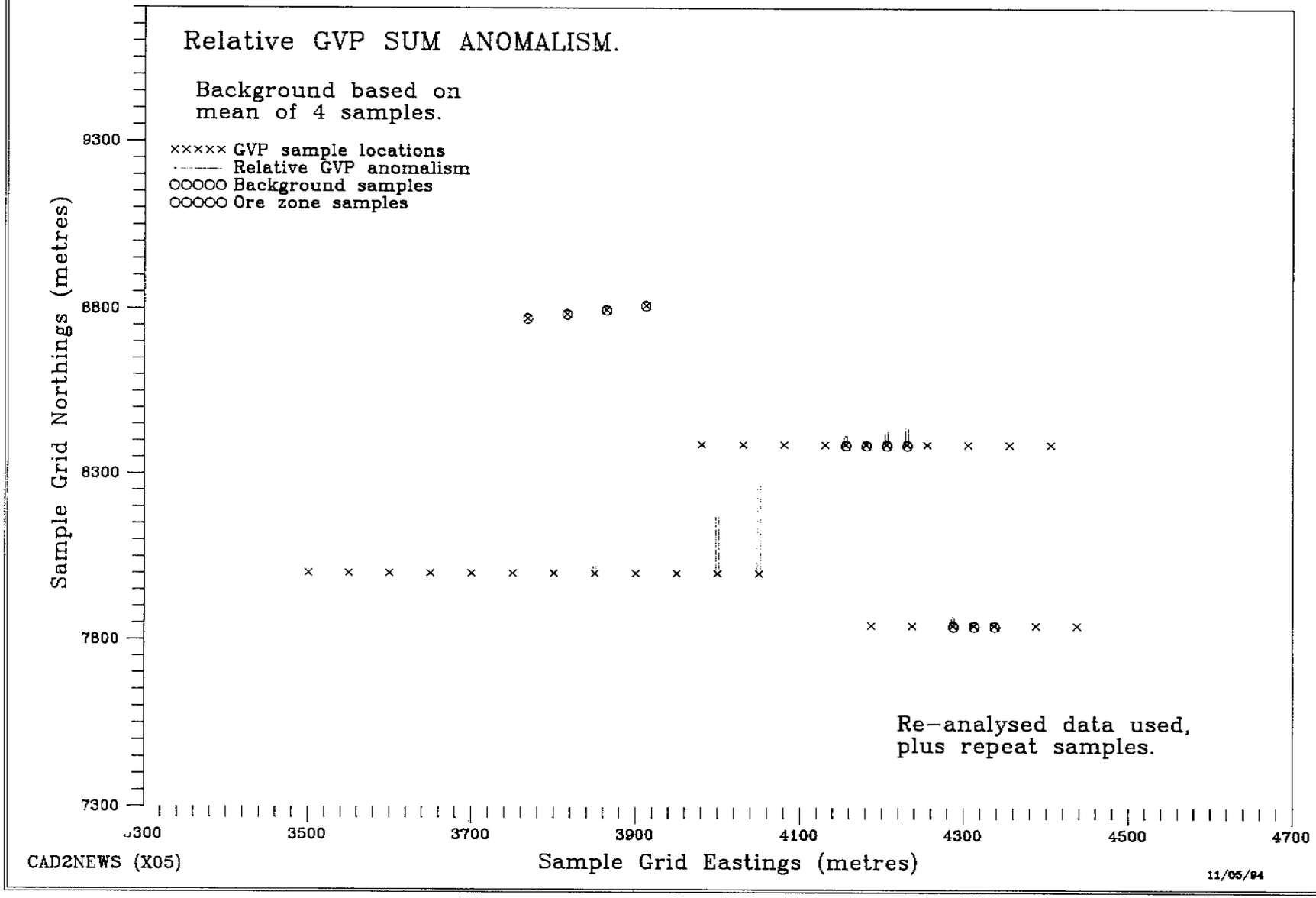
Cadjebut Area, WA – Test GVP Survey

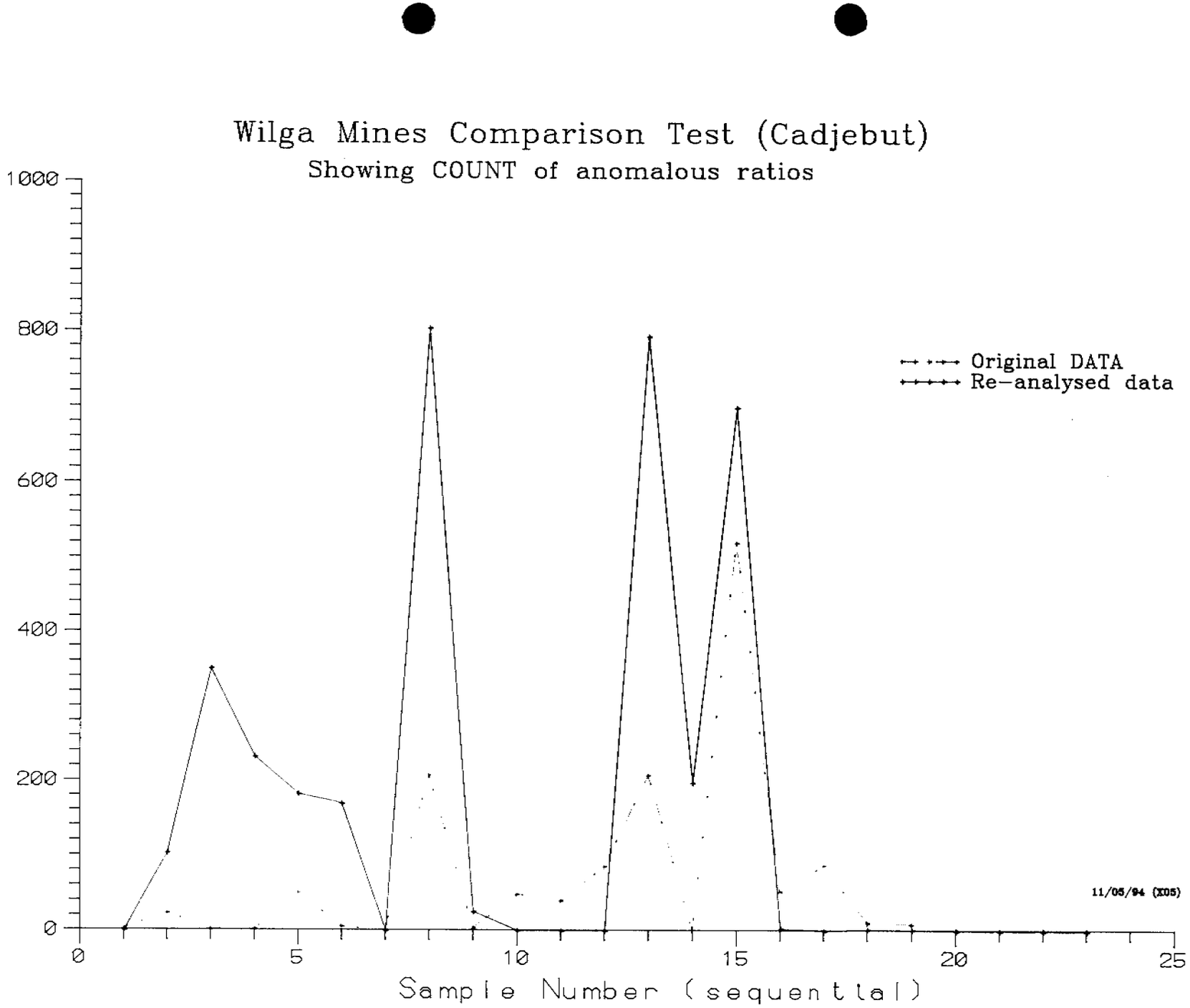


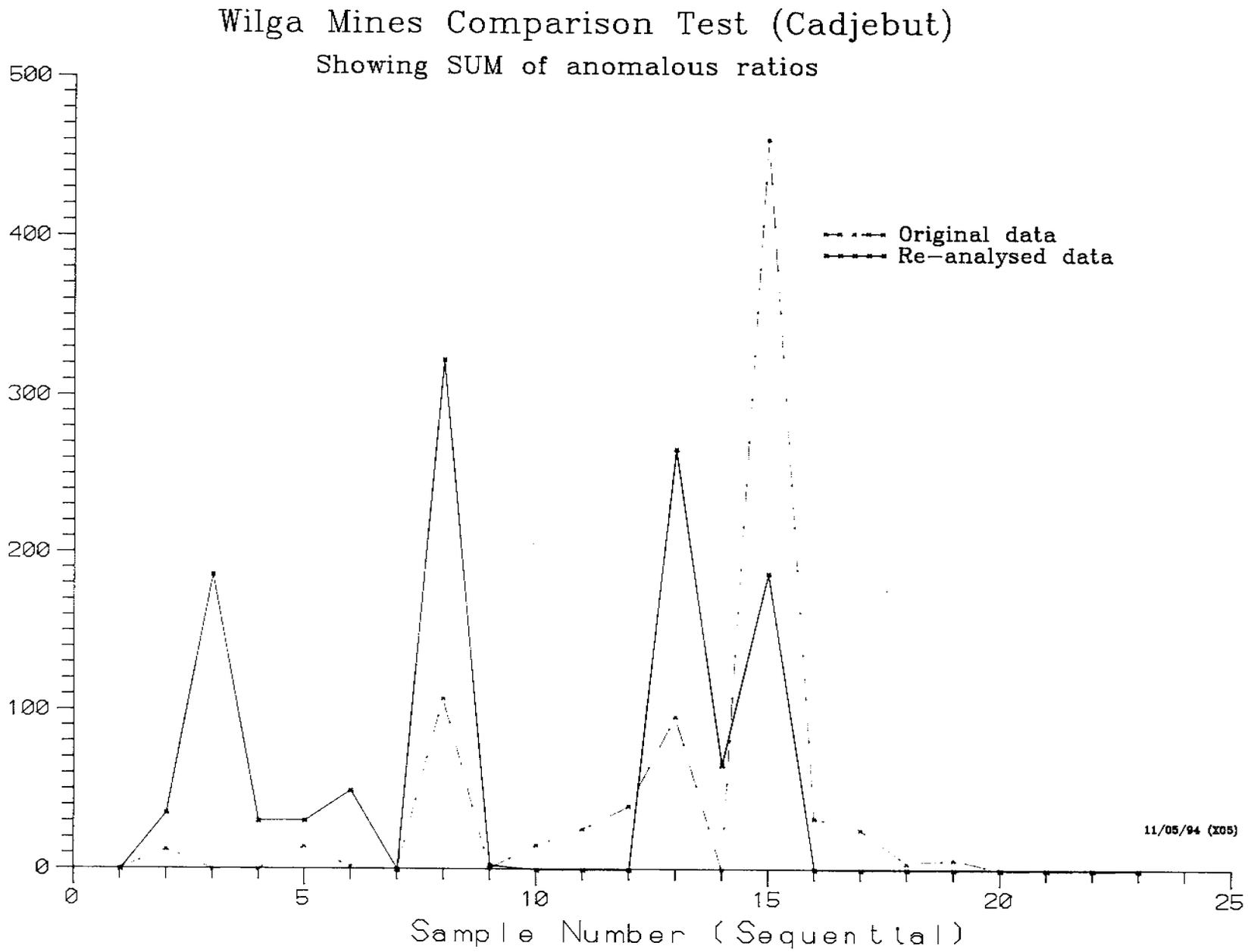
Cadjebut Area, WA – Test GVP Survey



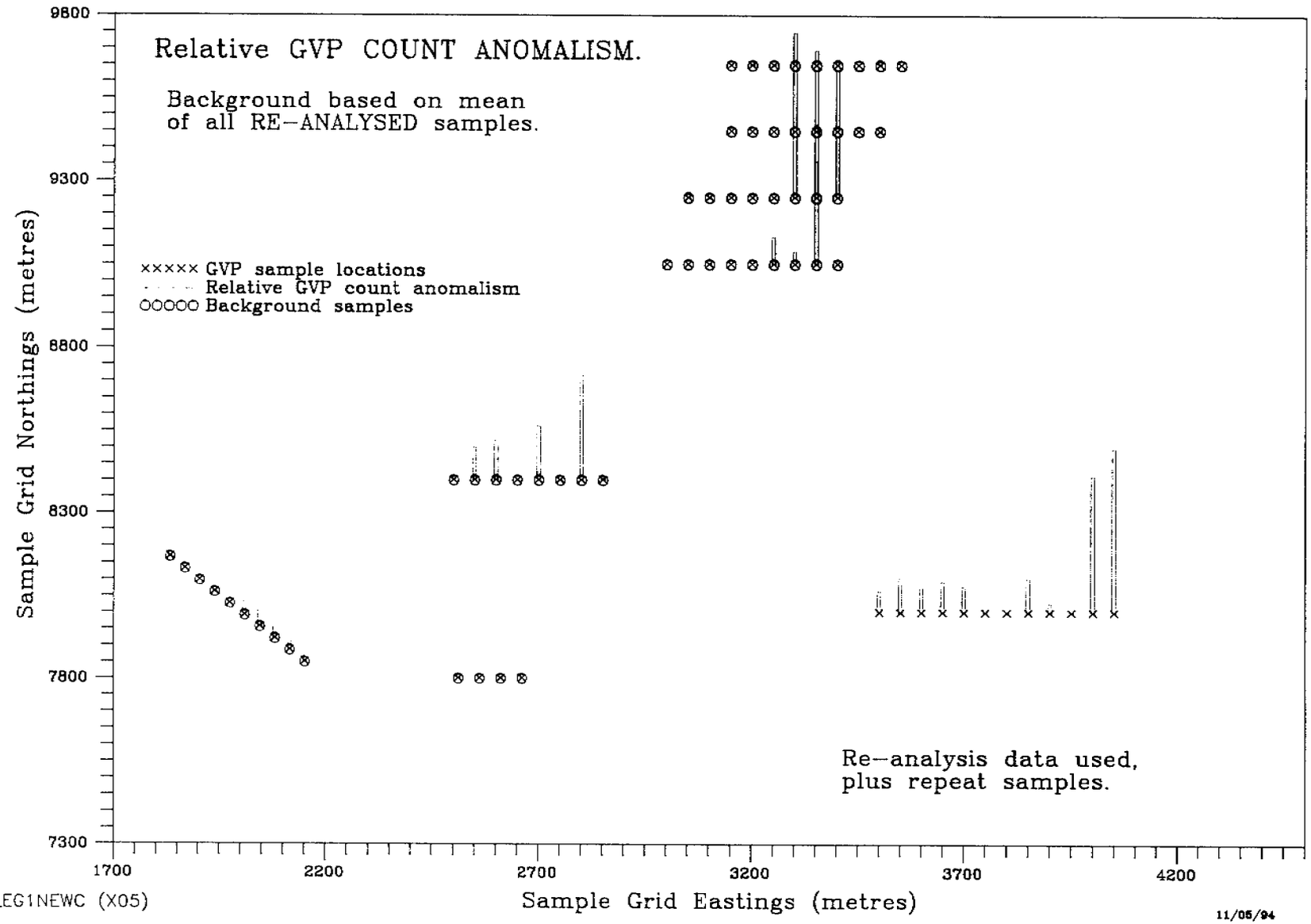
Cadjebut Area, WA – Test GVP Survey

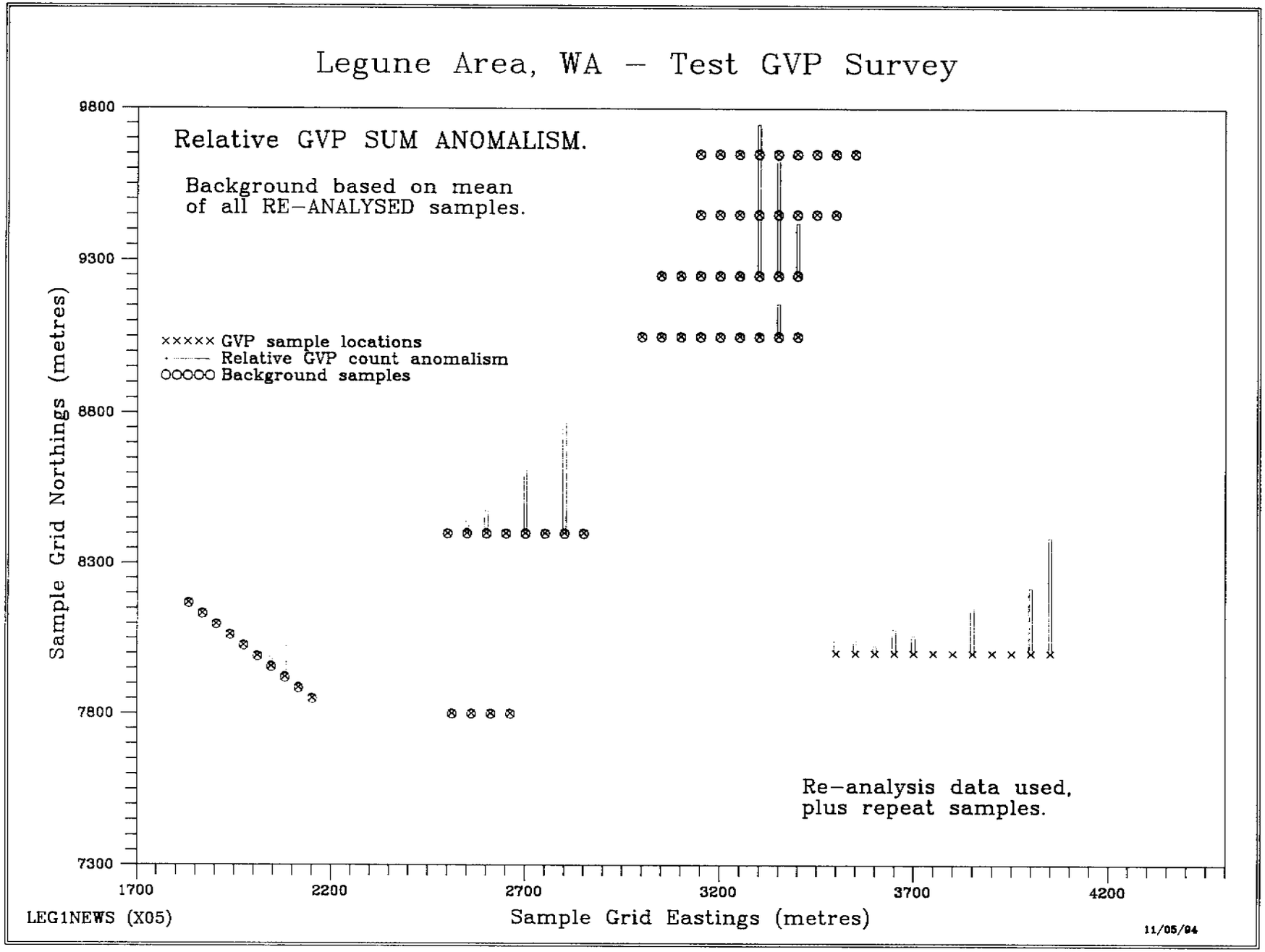



Wilga Mines Comparison Test (Cadjebut)
Showing COUNT of anomalous ratios
1000
800
600
400
200
0
0
5
10
15
20
25
Sample Number (sequential)
Original DATA
Re-analysed data
11/05/94 (X05)

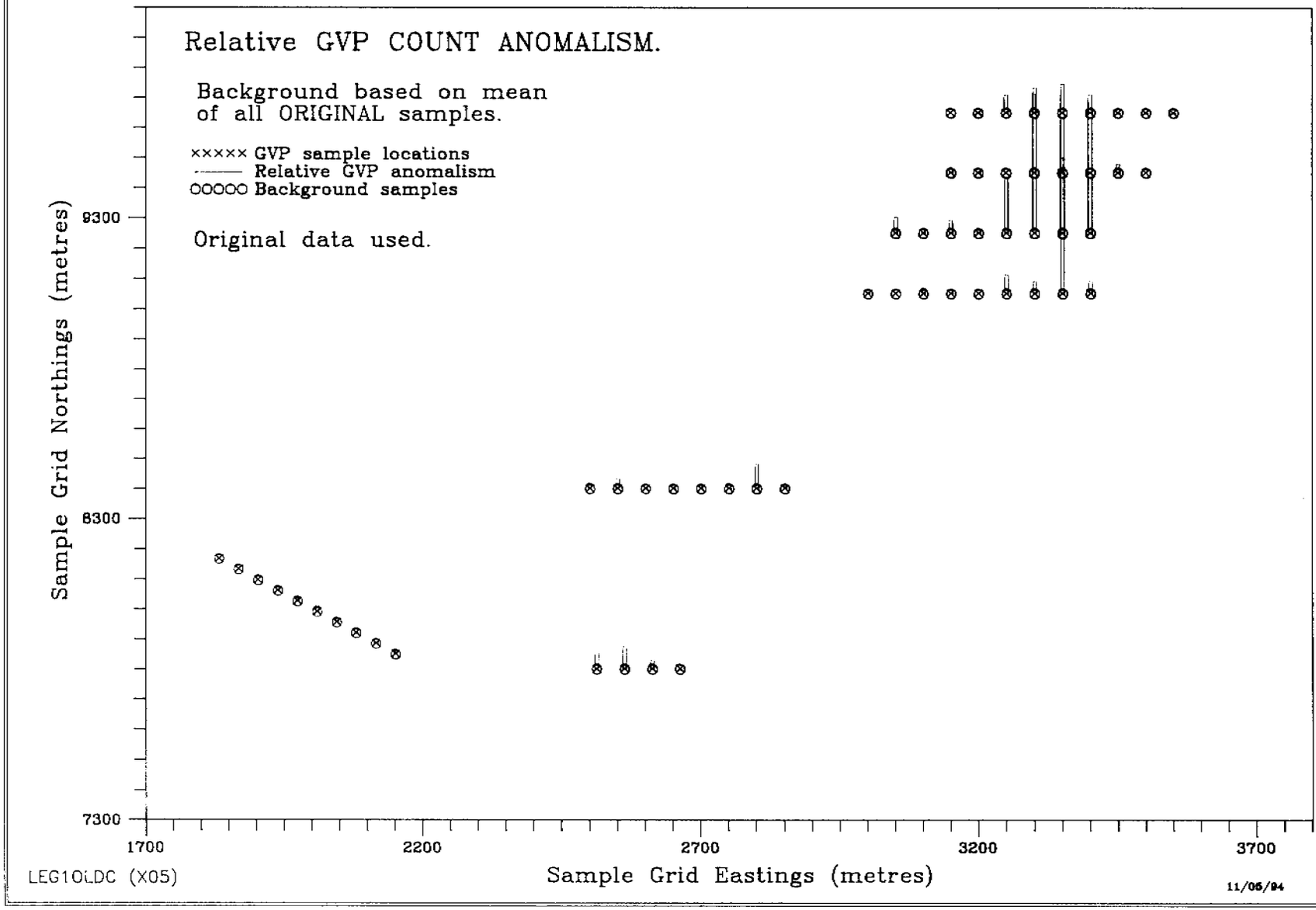

Wilga Mines Comparison Test (Cadjebut)
Showing SUM of anomalous ratios
500
400
300
200
100
0
0
5
10
15
20
25
Sample Number (Sequential)
Original data
Re-analysed data
11/05/94 (X05)

Legune Area, WA – Test GVP Survey

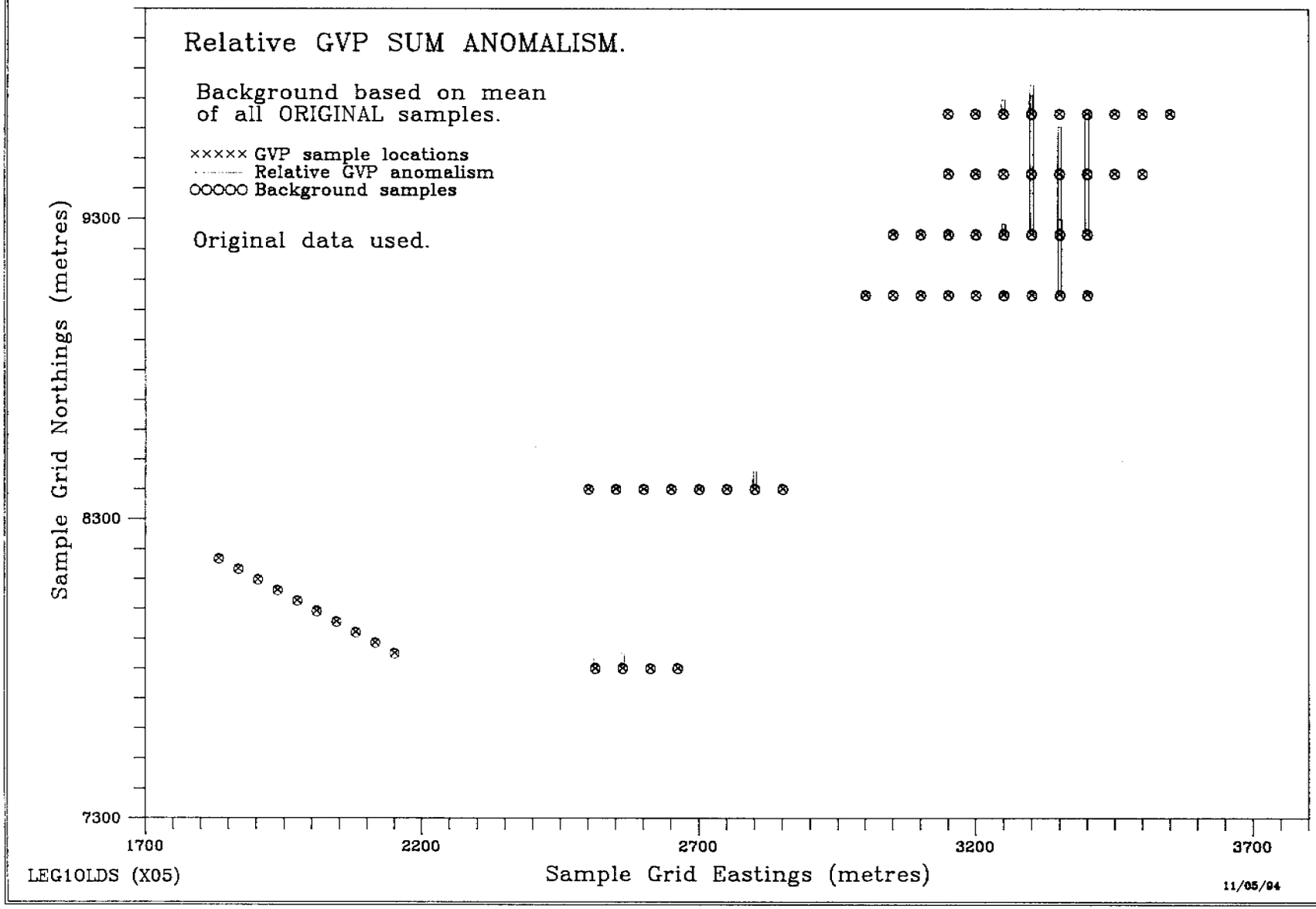


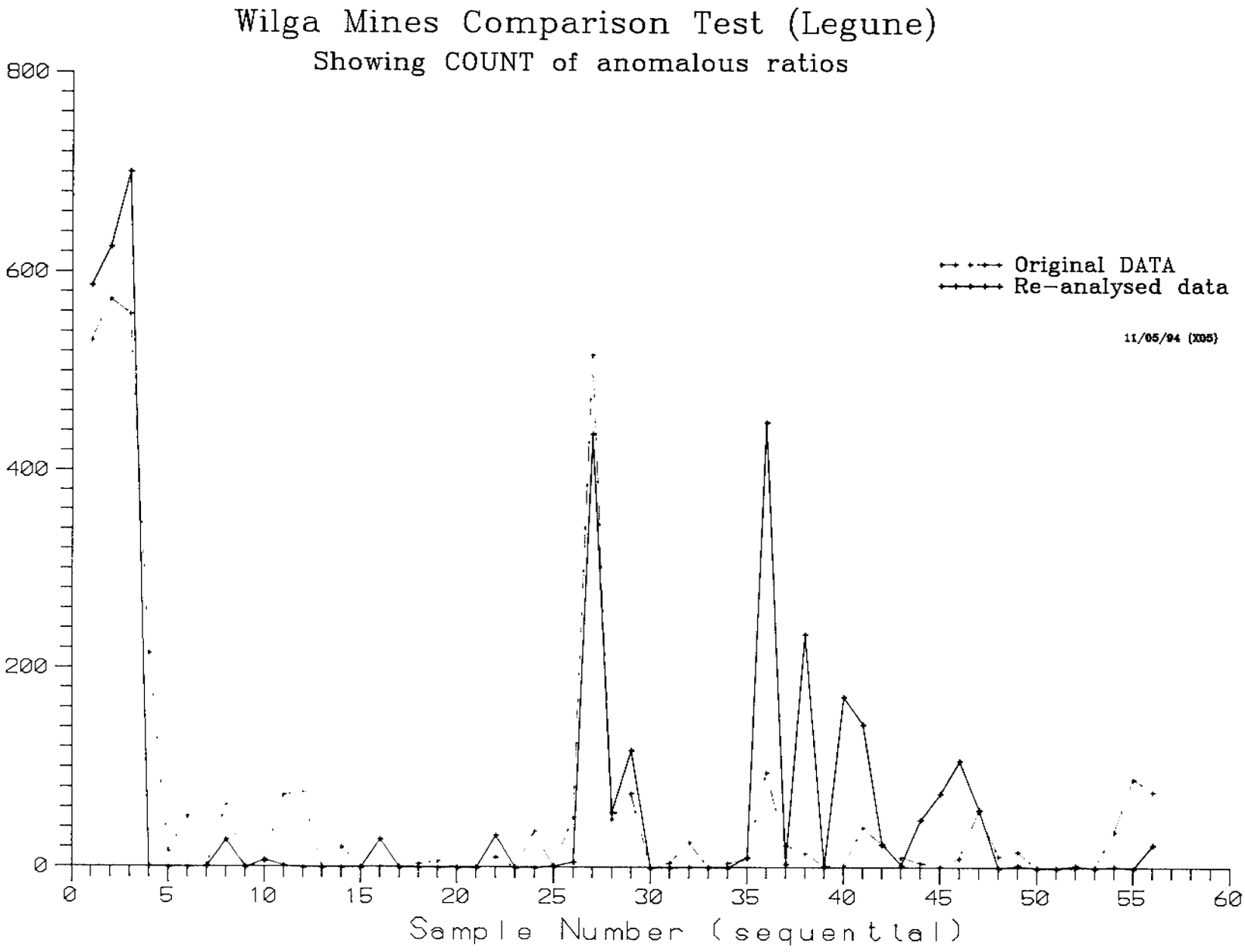

Legune Area, WA – Test GVP Survey
Relative GVP SUM ANOMALISM.
Background based on mean
of all RE–ANALYSED samples.
××××× GVP sample locations
Relative GVP count anomalism
○○○○○ Background samples
Re–analysis data used,
plus repeat samples.
Sample Grid Northings (metres)
9800
9300
8800
8300
7800
7300
1700
2200
2700
3200
3700
4200
Sample Grid Eastings (metres)
LEG1NEWS (X05)
11/05/94

Legune Area, WA – Test GVP Survey



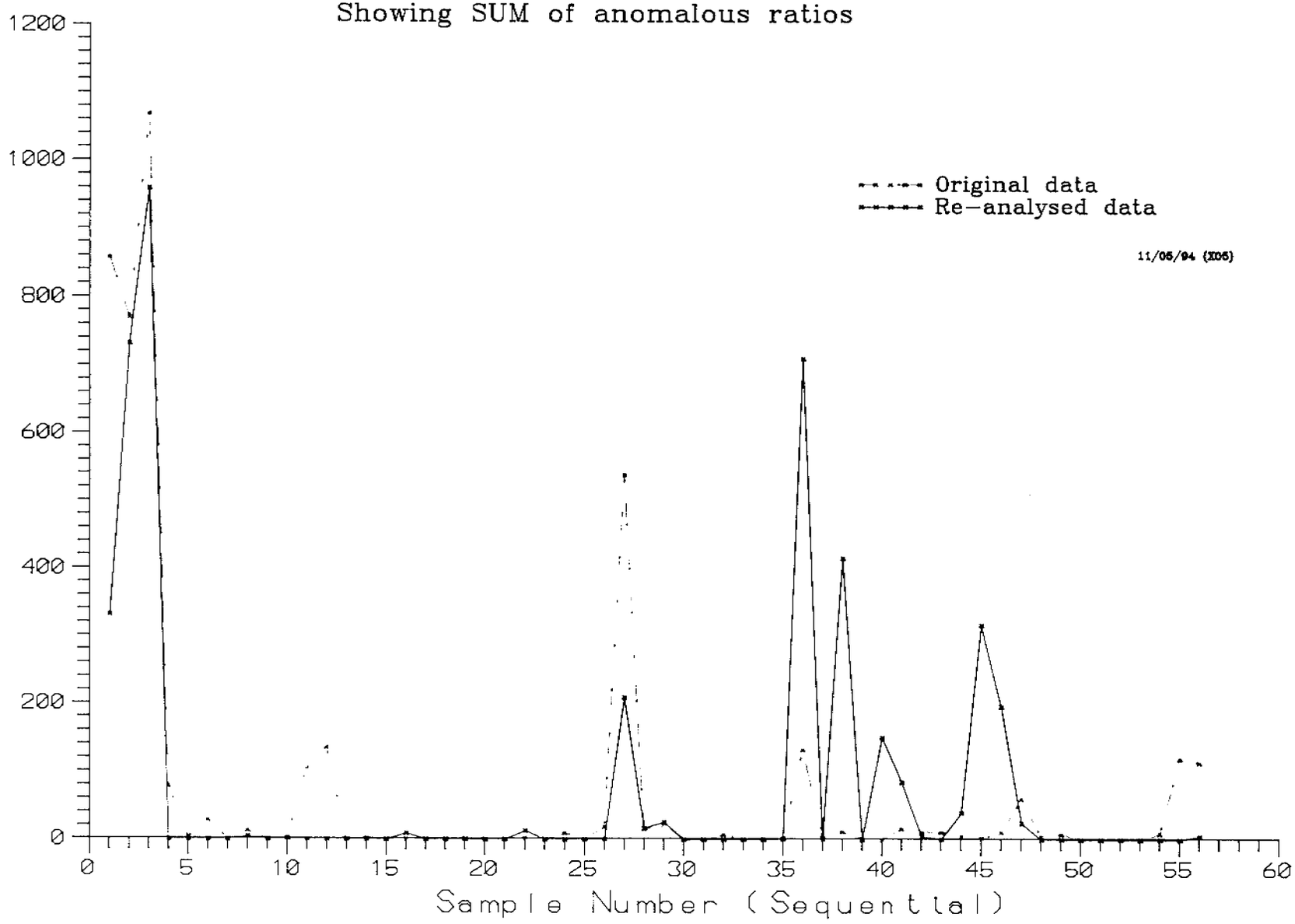
Legune Area, WA – Test GVP Survey




Wilga Mines Comparison Test (Legune)
Showing COUNT of anomalous ratios
800
600
400
200
0
0
5
10
15
20
25
30
35
40
45
50
55
60
Sample Number (sequential)
Original DATA
Re-analysed data
11/05/94 (X05)

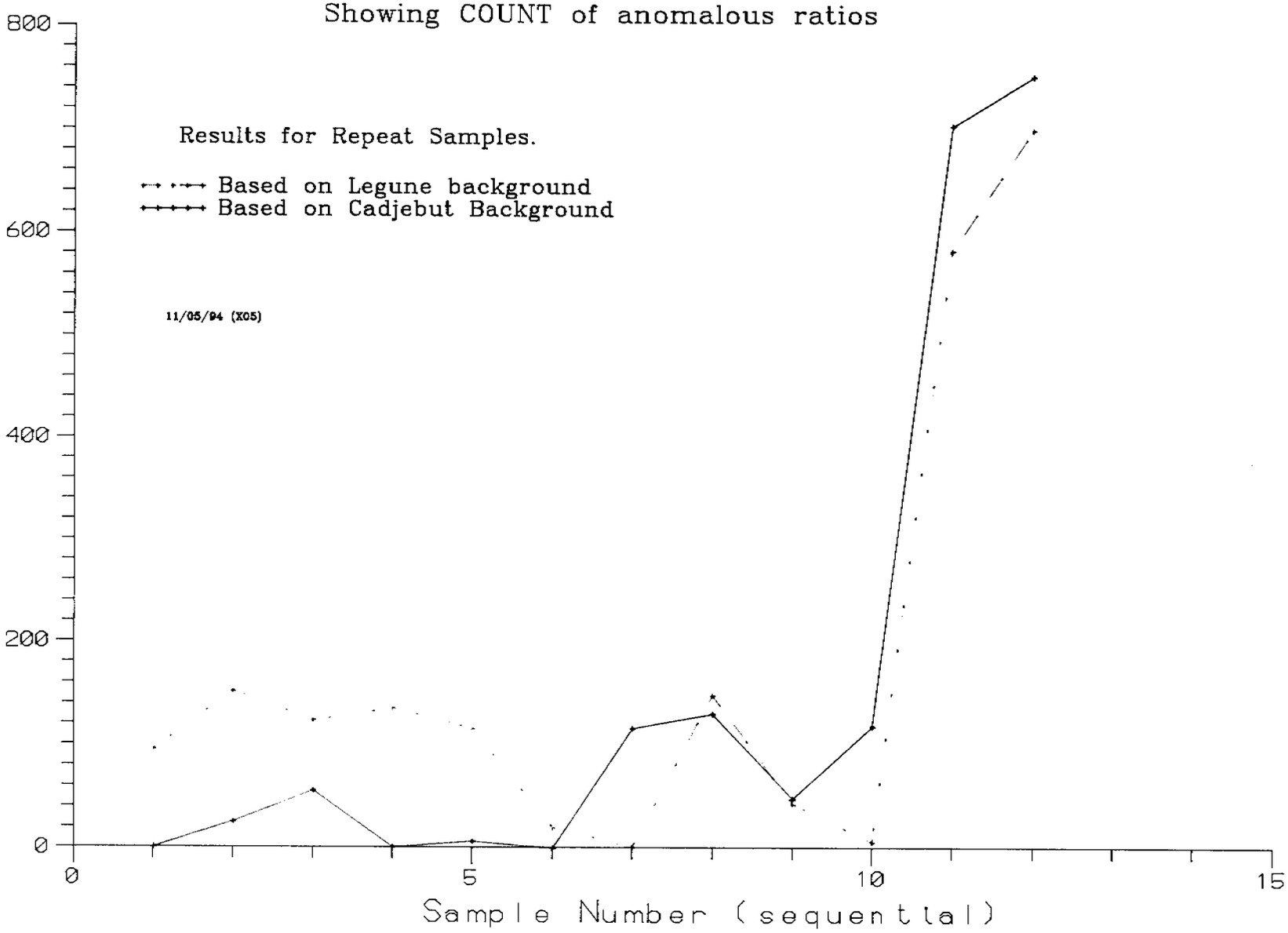
Wilga Mines Comparison Test (Legune)

Showing SUM of anomalous ratios



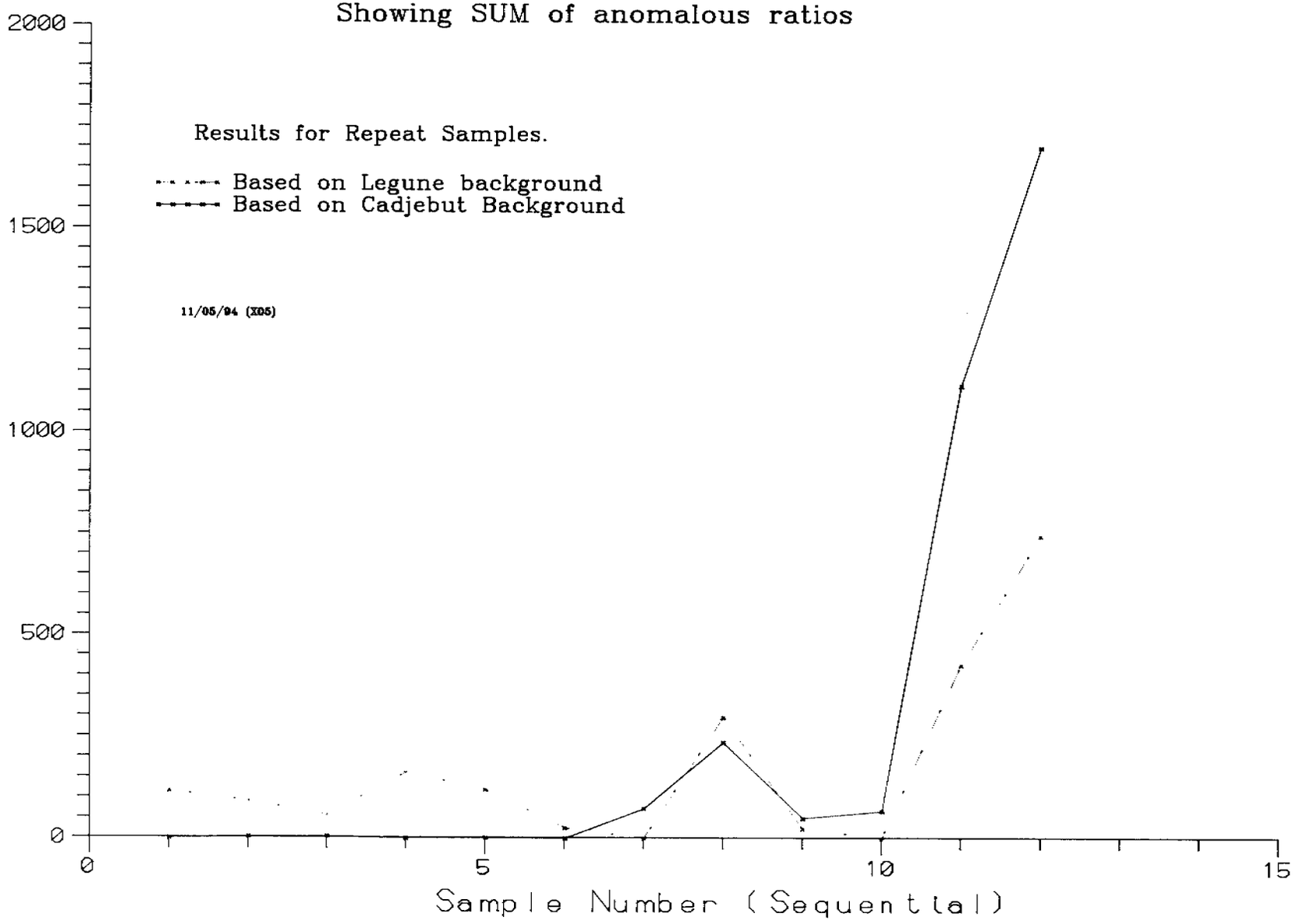
Wilga Mines Background Comparison Test

Showing COUNT of anomalous ratios



Wilga Mines Background Comparison Test

Showing SUM of anomalous ratios



MAGELLAN

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Dr. D.C. Gellatly,
Delta Gold N.L.,
Scott House,
46-50 Kings Park Road,
West Perth, WA.

16 September, 1994.

Dear David,

I am enclosing here a number of plots (screen dumps), that show various features of the GVP data from your Cadjebut and Legune samples. This work was done both to try and display the level of reproducibility we are achieving, as well as to display the effects of part of our ongoing research and development programme.

Firstly, we have recently completed a fourth re-analysis of the clay fraction from the original Cadjebut samples. That, together with an analysis of the silt fraction, done very early in the programme, gives us five sets of data to compare. These are displayed on the plots numbered 1 to 7. All data was normalised to try to overcome the different sensitivity of the mass spectrometer at any particular time. This processing is not completely successful, but it is an improvement on trying to compare raw data. Here it accounts for some of the variation between lines.

The lines on these plots represent the following samples,

Line	Soil_frac.	Analysed	Line_Loc.	Colour code
5	Clay	10/09/94	Top	Light purple
4	Clay	28/06/94	4th	Dark blue
3	Clay	13/04/94	3rd	Red
2	Silt	22/10/93	2nd	not coded
1	Clay	06/10/93	Bottom	Light blue

The clay samples are coded with a coloured circle, and the statistics for the samples with that colour are shown on the side, (the silt is not colour coded, since I ran out of colours and space). The statistics are ordered in the same sequence as the sample lines. Ignore the statistics given in grey, they are a combination of all samples (except for top line), and so are meaningless. The samples are numbered sequentially from left to right, with a space between each of the three lines. Values are displayed as bars, and the height of the bars are relative, and apply to a single plot only. Only relative height of bars can be compared between plots, not the absolute height of the bars.

For this exercise actual sample numbers are not important. What is important, and I think of interest, is that there is a strong pattern similarity throughout all the various analyses. Certainly the amplitudes are different, but the shape of the bars representing concentration of compounds (plots 1 to 5) and values of a single ratio of compounds (plots 6 and 7), are generally similar. Please remember, these analyses were done at different times, and for some of the analyses (lines 3 and 4), at times when we felt there was a problem with the mass spectrometer. The first two lines were done pre-overhaul of the mass spectrometer. They represent analyses of a clay fraction and a silt fraction. These quite different materials always give quite different results, but allowing for that, the relative value of the variables (compounds or ratio values), between samples correspond quite well. This correlation in relative intensity of GVP signal for these variables between each of the analyses can be clearly seen across all the analyses. Certainly there are differences which in the main have been caused by problems with the mass spectrometer, the vastly different sensitivity of the machine from pre- to post-overhaul, and by electronic noise in the system. However these results do demonstrates that, in spite of those problems, we can and are consistently measuring in samples the differences in GVP signal for those parts of the mass spectrum we are interested in.

Next, using the data from the latest analysis, I have generated a new template and have shown the GVP anomalism from that template (plot 8). The original duplicate samples that you supplied are plotted below the original samples (with yellow markings). The second batch of duplicates are shown to the left of the survey lines (also with yellow markings). Our composite samples are shown on the far left with light purple circles. Red circles indicate samples over ore zones, and blue circles indicate samples used as background. This template, which has not been specifically optimised for the ore zone data, does pick out the ore zone fairly well, although it suggests that the ore, or at least the mineralised zones and associated alteration zones, may be more extensive than indicated. The template could be refined and made more ore-sample specific, or re-generated if required, given a revised input on the extent of mineralisation. Anyway, the purpose of this exercise here was to demonstrate the level of reproducibility that we are achieving with GVP template anomalism. This is shown on this plot (#8) as well as on #10 which used the original CCAD_DEF.007 template.

Plots #9 and #11 show the simple sum of times_background values for each template, before applying the anomalism filter. Statistics are shown at the side of each plot. You will see that the coefficient of variation in the composite samples is in the order of 4%. Again the known duplicate samples are plotted below their originals, and your second batch of duplicates are plotted on the left of the survey lines.

The reproducibility in the data of simple values, be they AMU values, GVP compounds, single ratios of GVP compounds, or the sum of GVP ratios, is generally better than ± 10% (although with some data sets it may be higher), and here is as low as about ± 4%. However, that degree of variation cannot directly be carried across to template anomalism, where the anomalism filter has been applied. For template anomalism the results must be considered to be qualitative, rather than quantitative or semi-quantitative. Such results are far better viewed as plots rather than as a numerical representation, which can be quite misleading. These enclosed plots display the degree of variation that can be expected in this

current data. On the plots of template anomalism, the variation in the composites can be taken as a guide to the overall variation that is applicable to any of the survey samples.

Finally, I am enclosing four plots that show some of the features of the most recent Legune analytical data (of 28/06/94). This data has been re-processed using a revised data normalising algorithm, and the numbers are different to those sent to you with the last report, although the patterns are the same. Again, as I have mention above, the numerical representation of the GVP values and anomalies is a relative measure, and can be very misleading when considered by themselves. A graphical display provides a clearer representation of the important differences and similarities in the data. In this set of plots, #12 shows the shape of the anomalies associated with the application of CCAD_DEF.007 to the data. Plot #8 shows the simple times_background values associated with that template and data. The coefficient of variation of the composites can be seen to be about 9%.
On these plots the colour coding is different to that of the multi-analysis study. Here red is used for ore zone samples (I did not define any, since they are not needed to evaluate a template), dark blue for background (here I use the median of all survey samples as the background value), and light purple is used for composites. Light blue was not used. Grey indicates all survey samples, which you will see is the same as the background samples in this case. Plots #14 and #15 show a single compound. Plot #15 is an enlargement of the top right hand corner of #14, and has been re-scaled to allow the height of the bars to be compared. On both of these last two plots the duplicates with known locations are plotted underneath the originals. The duplicates with unknown locations are shown above the long line of composites. There are two lines of composites.

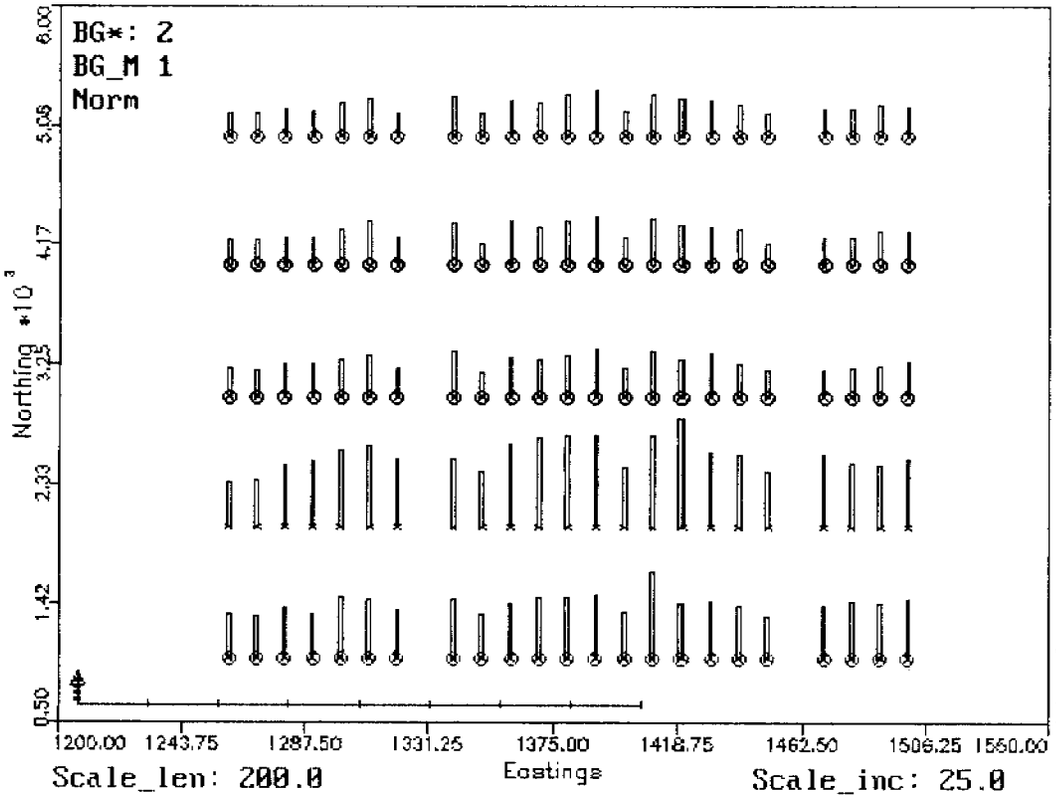
Also enclosed here is a page photocopied from a recent Econ. Geol. Dave Thiede asks 'where on this little map were the samples collected'.

I look forward to your comments on this work.

Kind regards,

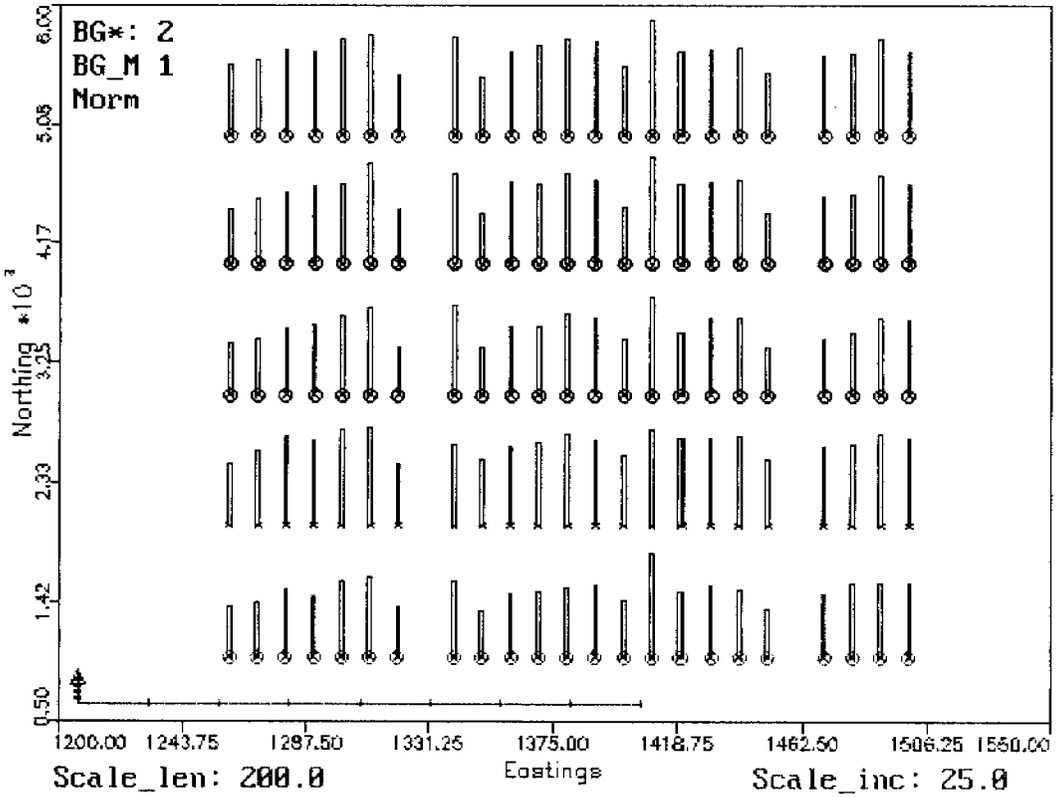
Chris. Gregory.

Project : Cadjebut Test - Multiple Analyses
Plot showing **COMPOUND_03** values. (#3)
Max_val.: 48800.00 at AABF01_2
Background = 0.157E+05 : *BG = 2.00 : BG_test = 0.315E+05



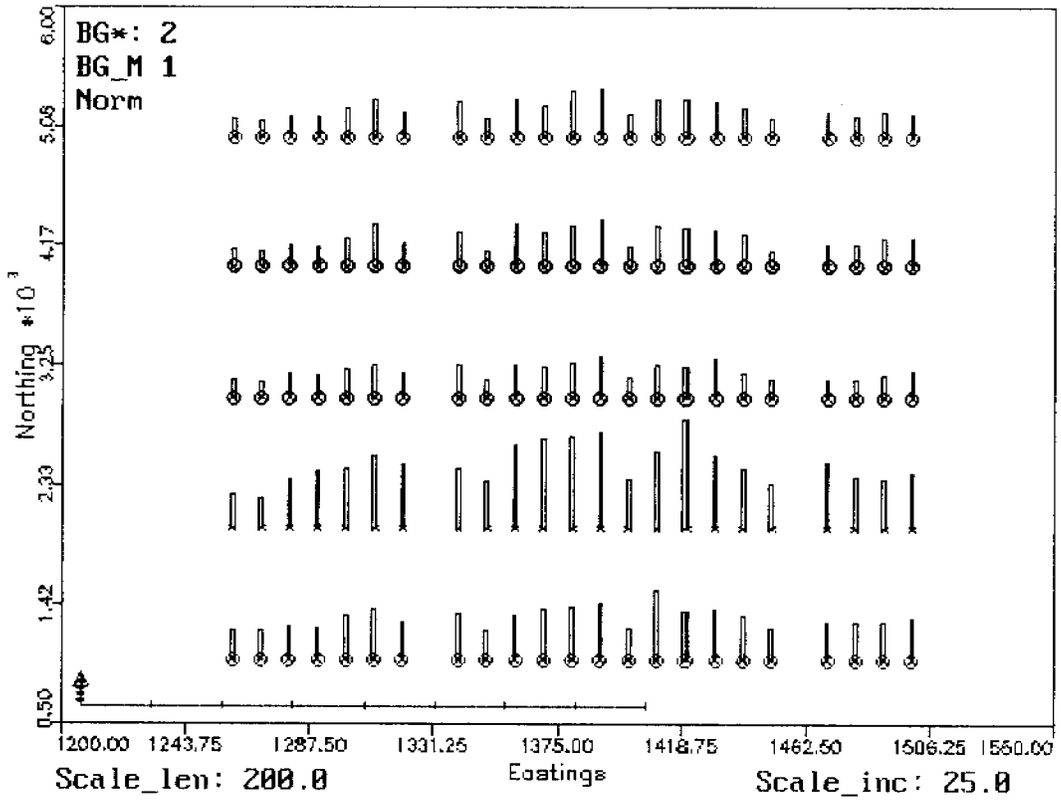
Ave :	14153
S.D.:	3285.558
Medn:	13717
Ave :	22187
S.D.:	8512.281
Medn:	20559
Ave :	**15743**
S.D.:	**3891.233**
Medn:	**15905**
Ave :	**15864**
S.D.:	**3252.429**
Medn:	**15042**
Ave :	24579
S.D.:	4466.270
Medn:	24827
Composite :	23
Survey .. :	92
Background:	**23**
Ore zone..:	**23**
Non-ore...:	23
Rotation:	**0.0**
Date:	**15/09/94**
Time:	**09:32:31**

Project : Cadjebut Test - Multiple Analyses
Plot showing **COMPOUND_05** values. (#5)
Max_val.: 174445.03 at AABE40_4
Background = 0.125E+06 : *BG = 2.00 : BG_test = 0.249E+06



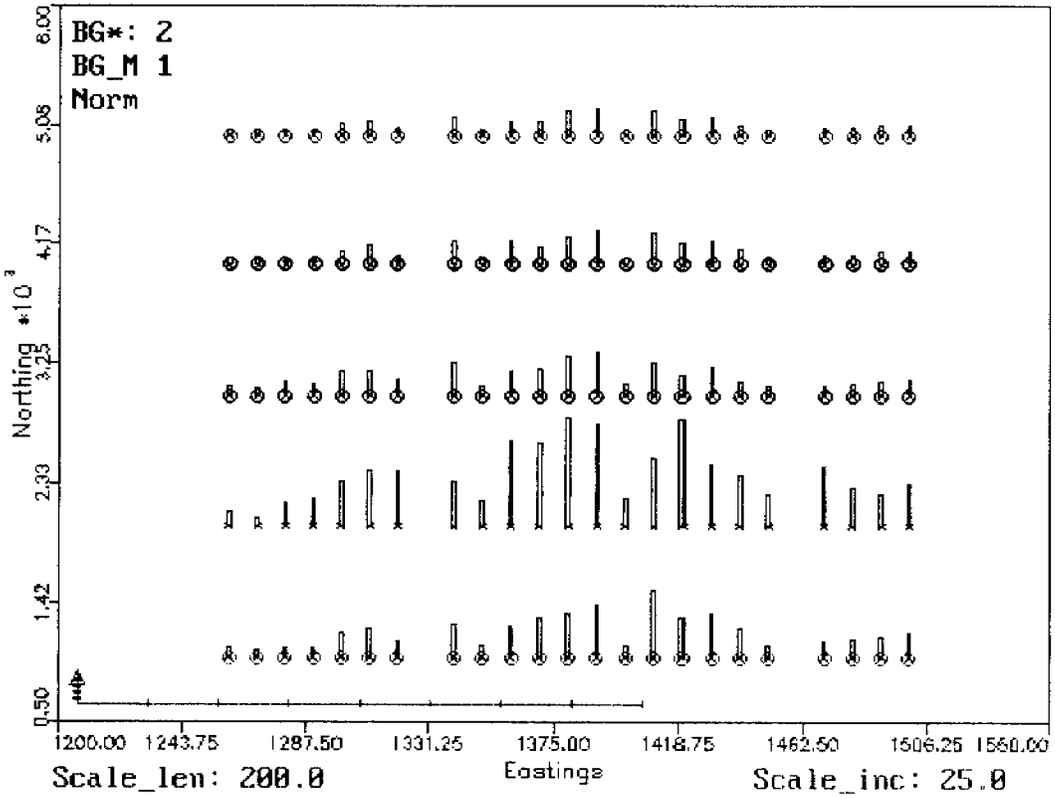
Ave :	137371
S.D.:	22972
Medn:	137170
Ave :	118772
S.D.:	23551
Medn:	120000
Ave :	**124716**
S.D.:	**25265**
Medn:	**132155**
Ave :	110650
S.D.:	21837
Medn:	112726
Ave :	107156
S.D.:	20386
Medn:	108965
Composite :	23
Survey .. :	92
Background:	**23**
Ore zone..:	**23**
Non-ore...:	23
Rotation: 0.0	
Date: 15/09/94	
Time: 09:38:54	

Project : Cadjebut Test - Multiple Analyses
Plot showing **COMPOUND_06** values. (#6)
Max_val.: 21600.00 at AABF01_2
Background = 0.577E+04 : *BG = 2.00 : BG_test = 0.115E+05



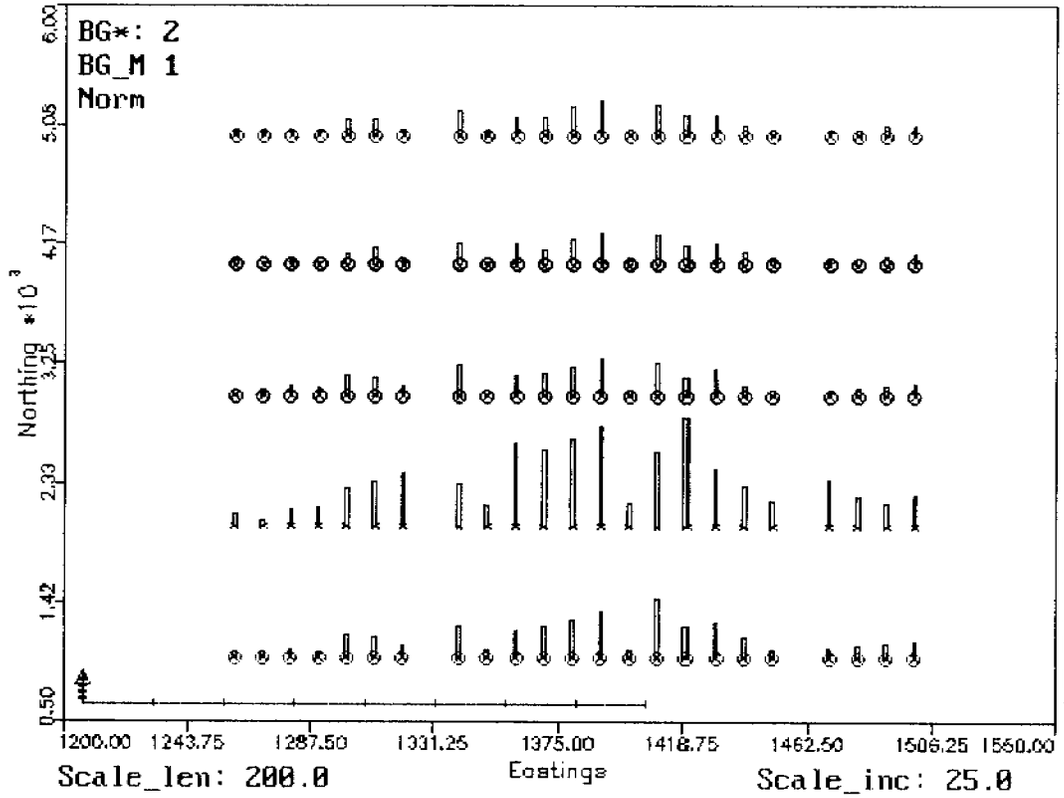
Ave :	5734.985
S.D.:	1842.509
Medn:	5128.206
Ave :	8049.598
S.D.:	3910.553
Medn:	7140.688
Ave :	**5774.509**
S.D.:	**2044.328**
Medn:	**5669.292**
Ave :	5326.324
S.D.:	1504.528
Medn:	4957.265
Ave :	8323.859
S.D.:	2114.115
Medn:	8237.001
Composite :	23
Survey .. :	92
Background:	**23**
Ore zone..:	23
Non-ore...:	23
Rotation:	**0.0**
Date:	15/09/94
Time:	09:42:17

Project : Cadjebut Test - Multiple Analyses
Plot showing **COMPOUND_14** values. (#14)
Max_val.: 2534.46 at AABE37_2
Background = 352. : *BG = 2.00 : BG_test = 703.



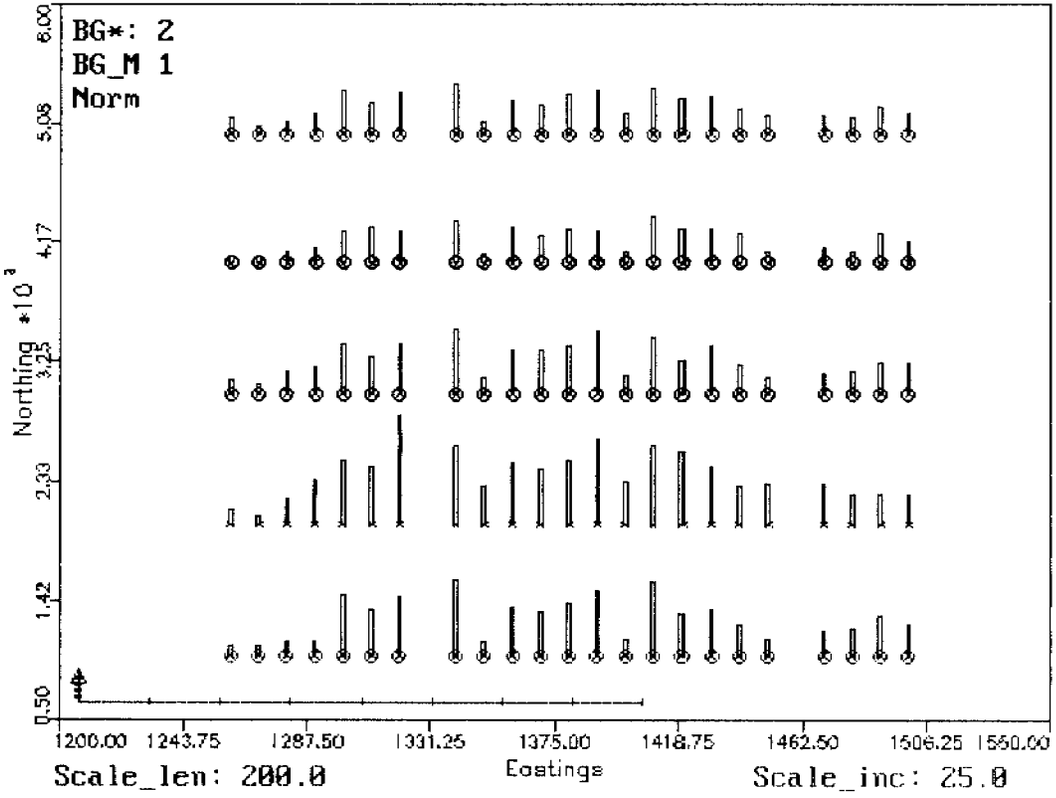
Ave :	277.537
S.D.:	163.179
Medn:	215.537
Ave :	665.125
S.D.:	533.569
Medn:	556.030
Ave :	**351.614**
S.D.:	**221.255**
Medn:	**302.525**
Ave :	**468.169**
S.D.:	**244.204**
Medn:	**355.322**
Ave :	611.676
S.D.:	375.187
Medn:	558.535
Composite :	23
Survey .. :	92
Background:	**23**
Ore zone..:	23
Non-ore...:	23
Rotation:	**0.0**
Date:	15/09/94
Time:	09:47:17

Project : Cadjebut Test - Multiple Analyses
Plot showing **COMPOUND_16** values. (#16)
Max_val.: 3798.71 at AABF01_2
Background = 447. : *BG = 2.00 : BG_test = 893.



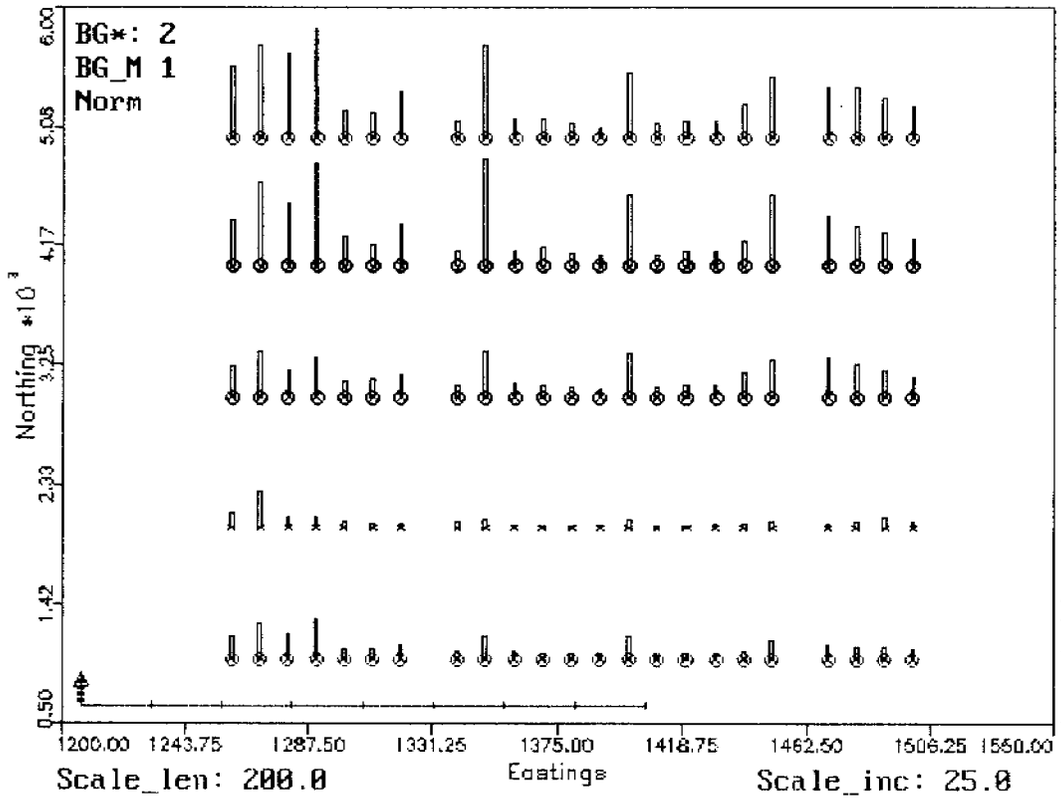
Ave :	462.410
S.D.:	349.810
Medn:	325.104
Ave :	830.651
S.D.:	772.260
Medn:	674.352
Ave :	**446.710**
S.D.:	**334.825**
Medn:	**366.259**
Ave :	**544.052**
S.D.:	**362.917**
Medn:	**378.363**
Ave :	709.015
S.D.:	516.443
Medn:	552.950
Composite :	23
Survey .. :	92
Background:	**23**
Ore zone..:	**23**
Non-ore...:	23
Rotation:	**0.0**
Date:	15/09/94
Time:	09:51:25

Project : Cadjebut Test - Multiple Analyses
Plot showing Cp_19*Cp_34/Cp_03*Cp_04 values. (#2)
Max_val.: 0.1922E-01 at AABE32_2
Background = 0.439E-02 : *BG = 2.00 : BG_test = 0.878E-02



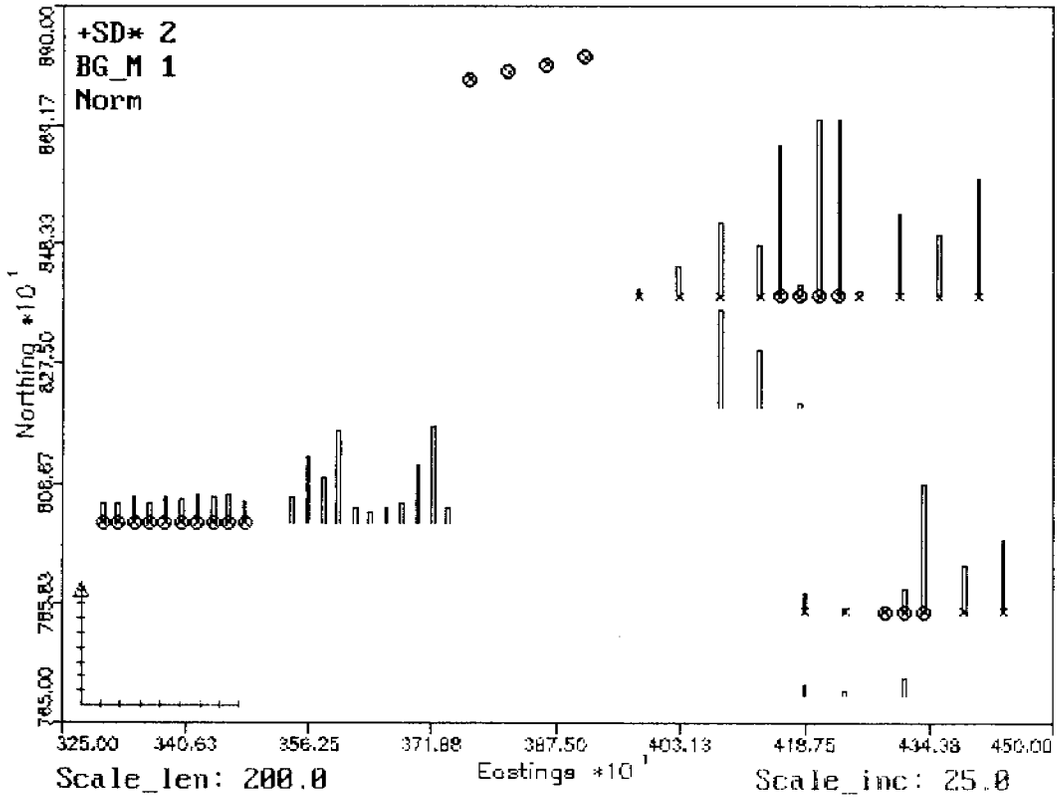
Ave : 0.502E-02
S.D.: 0.224E-02
Medn: 0.476E-02
Ave : 0.655E-02
S.D.: 0.373E-02
Medn: 0.591E-02
Ave : 0.439E-02
S.D.: 0.223E-02
Medn: 0.526E-02
Ave : 0.616E-02
S.D.: 0.297E-02
Medn: 0.561E-02
Ave : 0.661E-02
S.D.: 0.370E-02
Medn: 0.703E-02
Composite : 23
Survey .. : 92
Background: 23
Ore zone..: 23
Non-ore...: 23
Rotation: 0.0
Date: 15/09/94
Time: 09:55:59

Project : Cadjebut Test - Multiple Analyses
Plot showing Cp_05*Cp_07/Cp_03*Cp_23 values. (#5)
Max_val.: 1901. at AABE34_4
Background = 720. : *BG = 2.00 : BG_test = 0.144E+04



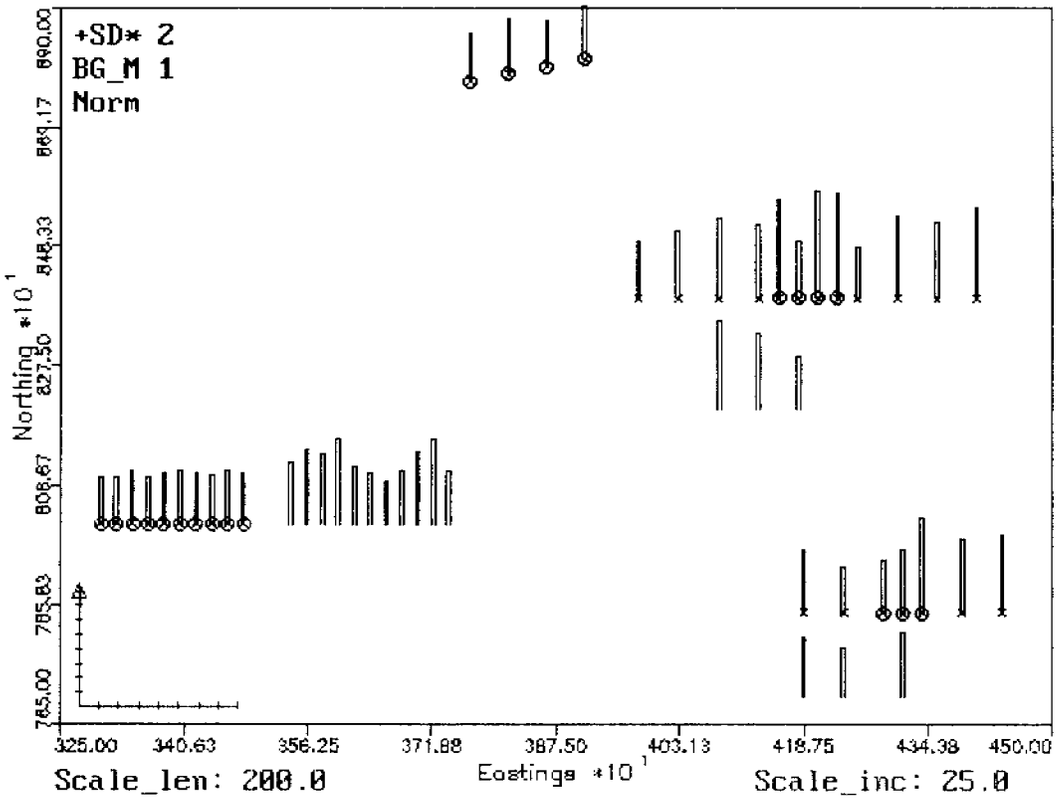
Ave :	765.418
S.D.:	531.288
Medn:	568.504
Ave :	381.325
S.D.:	375.903
Medn:	239.359
Ave :	**719.847**
S.D.:	**527.686**
Medn:	**513.498**
Ave :	**431.774**
S.D.:	**227.092**
Medn:	**410.276**
Ave :	242.750
S.D.:	175.342
Medn:	176.951
Composite :	23
Survey .. :	92
Background:	**23**
Ore zone..:	**23**
Non-ore...:	23
Rotation:	**0.0**
Date:	15/09/94
Time:	10:00:05

Project : Legune Project - Cadjebut Area - Repeat 3
Plot showing relative SUM of anomalous ratios.
Max Sum: 1260.70 AABE38, COUNT: 1445 AABE33, SUM*COUNT: 0.1806E+07 AABE33
Using 1447 of 1447 RATIOS of Compounds. TS_1: 0.8712, TS_2: 0.9986



Def: not saved
Test_surv: 21
Test_bg : 4
Test_ore : 6
Test_comp: 10
Sml_denom: 10
Bgx_surv : 5
Bgx_bg : 4
Bgx_ore : 5
Bgx_non : 0
Ore_other: 3
Comp_cv : 0.25
Surv_undf: 21
BG_undef : 4
ORE_undef: 6
COMP_undf: 10
Composite : 10
Survey .. : 23
Background: 4
Ore zone..: 7
Non-ore...: 0
Rotation: 0.0
Date: 15/09/94
Time: 09:16:42

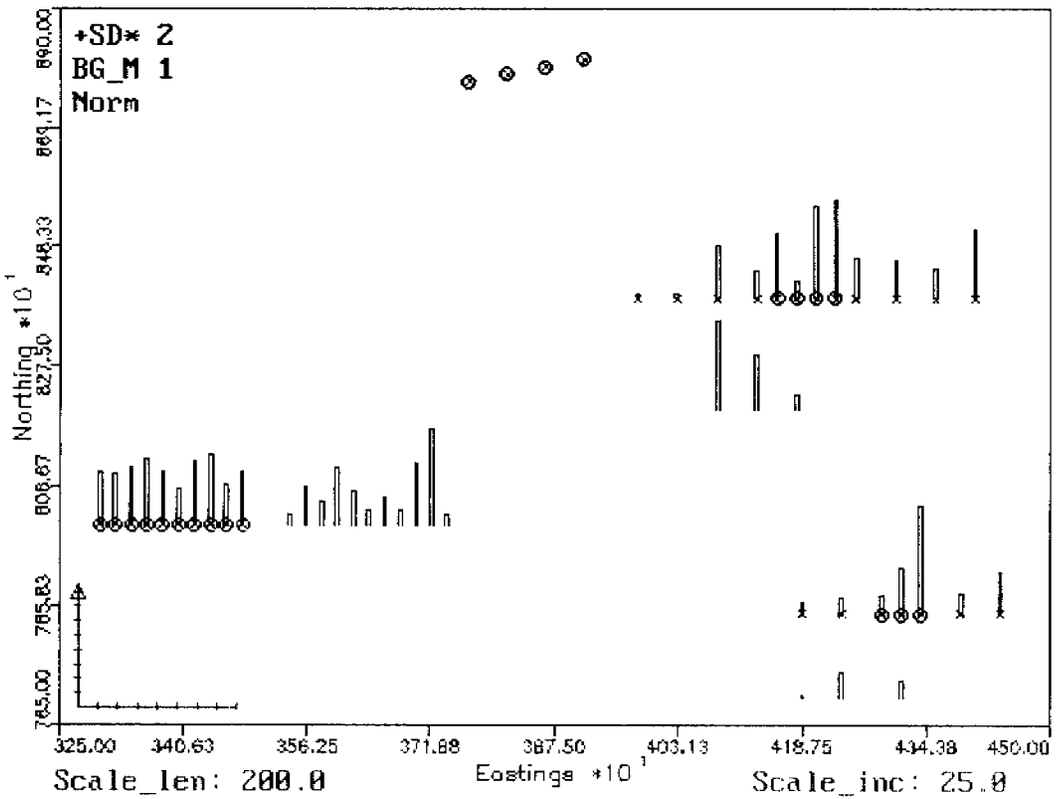
Project : Legune Project - Cadjebut Area - Repeat 3
Plot showing relative SUM of *BG for ratios.
Max Sum: 3019.61 AABE38, COUNT: 1447 AABE38, SUM*COUNT: 0.4369E+07 AABE38
Using 1447 of 1447 RATIOS of Compounds. TS_1: 0.8712, TS_2: 0.9986
Comment: H=60



Def: not saved
Av*BG: 1386.168
S.D. : 66.374
C_var: .479E-01
Av*BG: 1993.287
S.D. : 545.016
C_var: 0.273
Av*BG: 1447.000
S.D. : 108.451
C_var: .749E-01
Av*BG: 2331.600
S.D. : 694.148
C_var: 0.298
Av*BG:undefined
S.D. :undefined
C_var:undefined
Composite : 10
Survey .. : 23
Background: 4
Ore zone..: 7
Non-ore...: 0
Rotation: 0.0
Date: 15/09/94
Time: 09:19:36

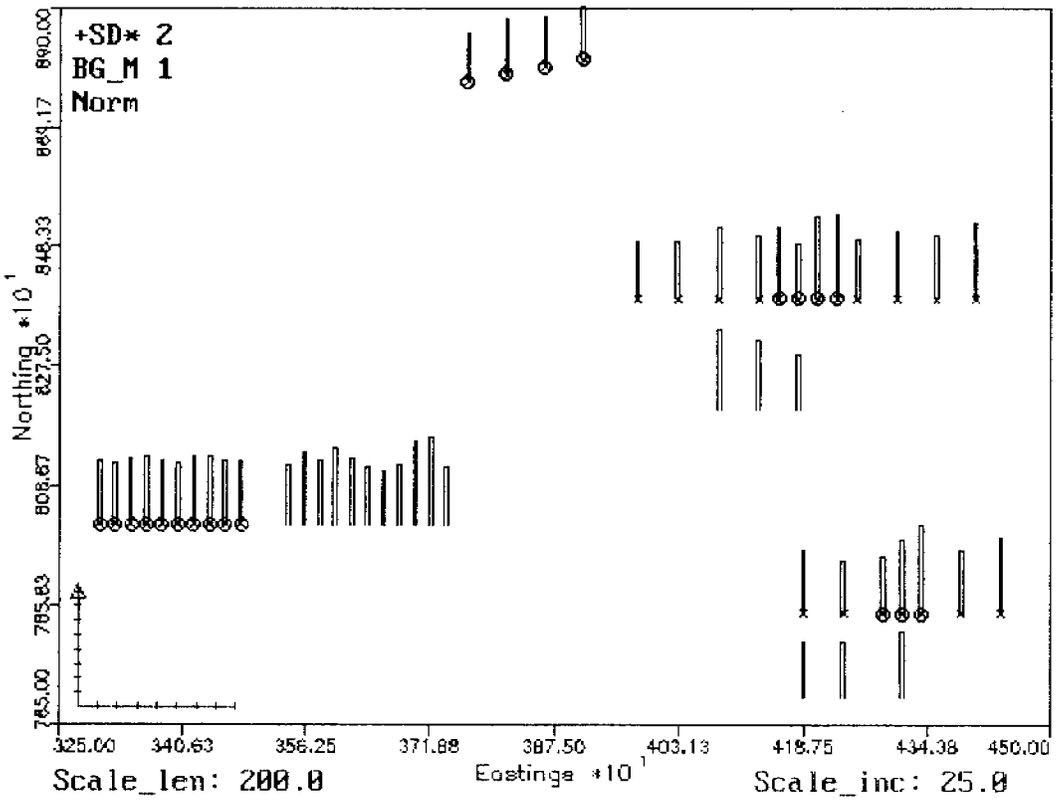
Project : Legune Project - Cadjebut Area - Repeat 3
Plot showing relative SUM of anomalous ratios.
Max Sum: 541.62 AABE30, COUNT: 644 AABE30, SUM*COUNT: 0.3488E+06 AABE30
Using 930 of 930 RATIOS of Compounds. TS_1: 0.5824, TS_2: 0.6925
Comment: No tests. H=50.

Def : CCAD_DEF.007



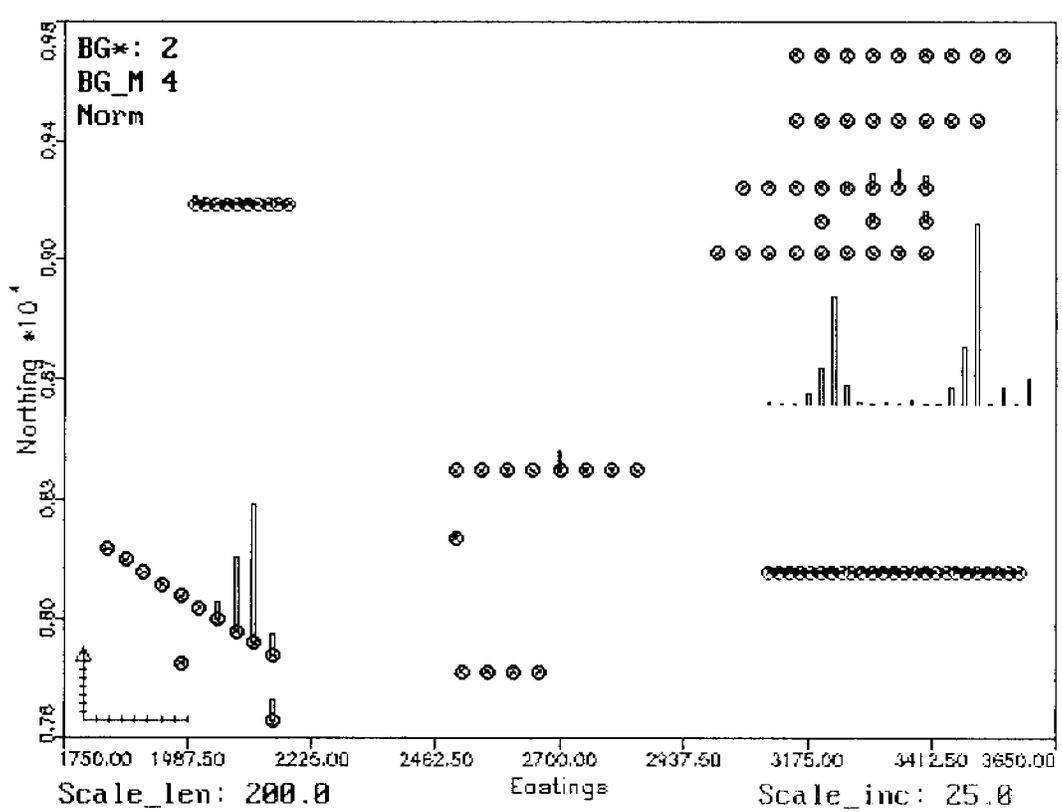
Composite : 10
Survey .. : 23
Background: 4
Ore zone..: 7
Non-ore...: 0
Rotation: 0.0
Date: 15/09/94
Time: 08:09:08

Project : Legune Project - Cadjebut Area - Repeat 3
Plot showing relative SUM of *BG for ratios.
Max Sum: 1606.99 AABE30, COUNT: 930 AABE30, SUM*COUNT: 0.1495E+07 AABE30
Using 930 of 930 RATIOS of Compounds. TS_1: 0.5824, TS_2: 0.6925
Comment: No tests, H=50



Def: CCAD_DEF.007
Av*BG: 1145.051
S.D. : 45.111
C_var: .394E-01
Av*BG: 1168.315
S.D. : 207.064
C_var: 0.177
Av*BG: 930.000
S.D. : 57.799
C_var: .621E-01
Av*BG: 1327.873
S.D. : 236.308
C_var: 0.178
Av*BG:undefined
S.D. :undefined
C_var:undefined
Composite : 10
Survey .. : 23
Background: 4
Ore zone..: 7
Non-ore...: 0
Rotation: 0.0
Date: 15/09/94
Time: 08:12:45

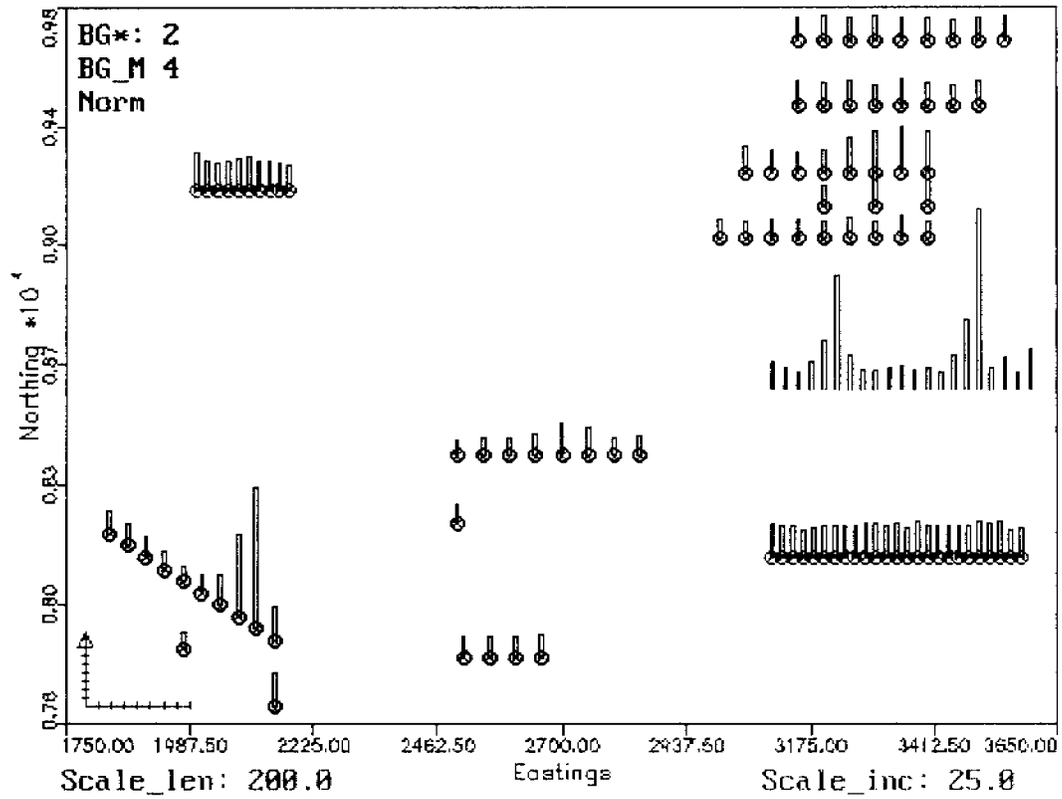
Project : Legune Project - Legune Area - Check Survey (2).
Plot showing relative SUM of anomalous ratios.
Max Sum: 7578.77 AABU28, COUNT: 425 AAAZ02, SUM*COUNT: 0.1933E+07 AABU28
Using 930 of 930 RATIOS of Compounds. TS_1: 8.1492, TS_2: 0.4570



Def : CCAD_DEF.007

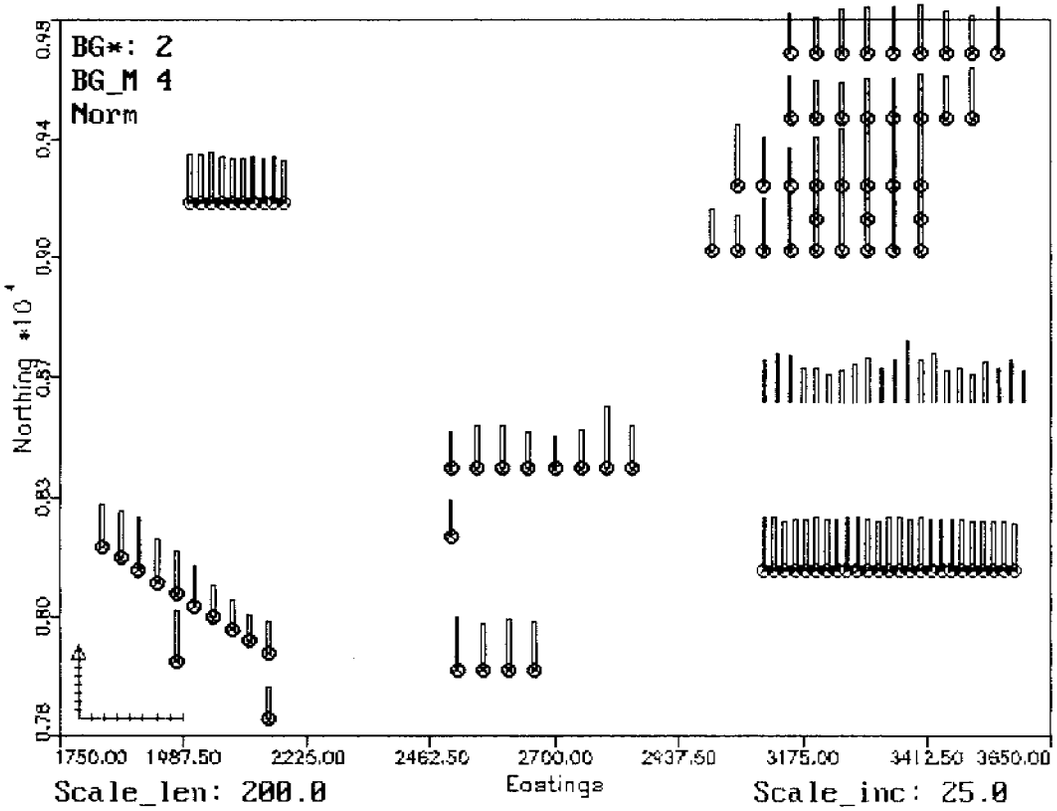
Composite : 35
Survey .. : 62
Background: 62
Ore zone..: 0
Non-ore...: 0
Rotation: 0.0
Date: 16/09/94
Time: 11:43:17

Project : Legune Project - Legune Area - Check Survey (2).
Plot showing relative SUM of *BG for ratios.
Max Sum: 8172.33 AABU28, COUNT: 930 AABU28, SUM*COUNT: 0.6693E+07 AABU28
Using 930 of 930 RATIOS of Compounds. TS_1: 8.1492, TS_2: 0.4570



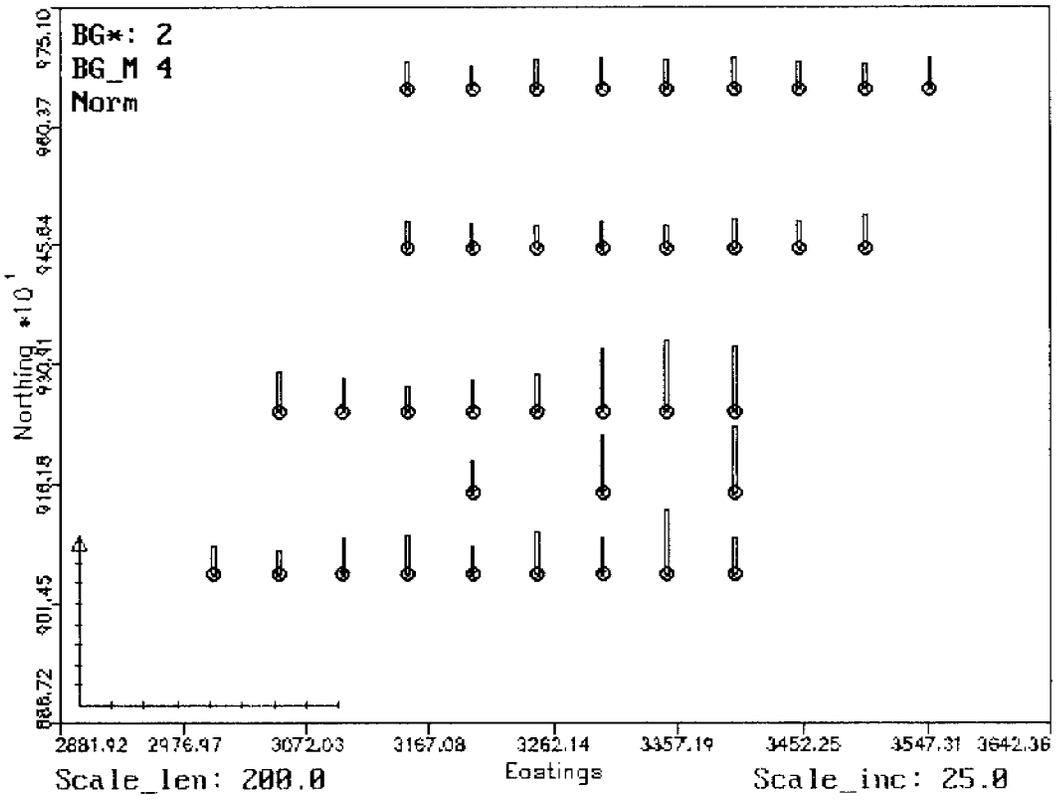
Def : CCAD_DEF.007
Av*BG: 1401.935
S.D. : 121.773
C_var: .869E-01
Av*BG: 1229.155
S.D. : 812.096
C_var: 0.661
Av*BG: 1229.155
S.D. : 812.096
C_var: 0.661
Av*BG:undefined
S.D. :undefined
C_var:undefined
Av*BG:undefined
S.D. :undefined
C_var:undefined
Composite : 35
Survey .. : 62
Background: 62
Ore zone..: 0
Non-ore...: 0
Rotation: 0.0
Date: 16/09/94
Time: 11:46:31

Project : Legune Project - Legune Area - Check Survey (2).
Plot showing **COMPOUND_03 *BG value. (#3)**
Max_val.: 2.41 at AAA202
Background = 0.332E+04 : *BG = 2.00 : BG_test = 0.663E+04



Av*BG:	1.097
S.D. :	.644E-01
C_var:	.587E-01
Av*BG:	1.106
S.D. :	0.396
C_var:	0.358
Av*BG:	**1.106**
S.D. :	**0.396**
C_var:	**0.358**
Av*BG:	**undefined**
S.D. :	**undefined**
C_var:	**undefined**
Av*BG:	undefined
S.D. :	undefined
C_var:	undefined
Composite :	35
Survey .. :	62
Background:	**62**
Ore zone..:	**0**
Non-ore...:	0
Rotation:	**0.0**
Date:	16/09/94
Time:	11:58:31

Project : Legune Project - Legune Area - Check Survey (2).
Plot showing **COMPOUND_03 *BG value. (#3)**
Max_val.: 2.41 at AAAZ02
Background = 0.332E+04 : *BG = 2.00 : BG_test = 0.663E+04



Av*BG: 1.097
S.D. : .644E-01
C_var: .587E-01
Av*BG: 1.106
S.D. : 0.396
C_var: 0.358
Av*BG: 1.106
S.D. : 0.396
C_var: 0.358
Av*BG:undefined
S.D. :undefined
C_var:undefined
Av*BG:undefined
S.D. :undefined
C_var:undefined
Composite : 35
Survey .. : 62
Background: 62
Ore zone..: 0
Non-ore...: 0
Rotation: 0.0
Date: 16/09/94
Time: 11:54:13

APPENDIX 8

DRILL LOGS

- NBO 1002
- NBC 1002
- NBC 1003
- DDH 114
- (NBO 1003 - sample intervals)

DELTA GOLD NL
ACN 002 527 899

DRILL LOG SUMMARY SHEET

SHEET 1 OF 2

PROJECT: BONAPARTE ZINC	PROPOSED :	Estimated collar parameters	Surveyed Collar
	LOGGED: SWV	E	E
PROSPECT: LEGUNE	CONTRACTOR:	N	N
	RIG:	Azimuth (grid)	Azimuth (grid)
HOLE No: DDH-114	DATE START:	Azimuth (mag)	Azimuth (mag)
	DATE FINISH:	Inclination	Inclination
HOLE TYPE: DIA	DEPTH:	DEPTH OXID:	RL
			Surveyed by
			LAB GENALYSIS

PURPOSE:

GROUNDWATER:

COMMENTS:

SUB No's	LAB No's
6866	

GEOLOGICAL SUMMARY

From (m)	To (m)	Geology
61.0	155.8	Clb,. Silty dolomite, lt gr. Locally laminated. Minor dm scale gn shale interbeds. Galena vnd fracts (indicated below) are generally irreg open subvert fracts ± millimetric veining, (galena + pyrite). 128-129m shale, 135-135.5m
155.8	158.2	Conglomerate: subangular - subrounded qtz pebbles in silty arenaceous matrix, dm scale zones then 1m 157.2-158.2 EOH.

MINERALIZATION SUMMARY

From (m)	To (m)	Sampling Interval	Intersection Length (m)	Uncut Grade (g/t)	Cut Grade (g/t)	Upper Cut off (g/t)	Lower Cut off (g/t)

STRUCTURAL SUMMARY

From (m)	To (m)	Remarks
		Galena vnd fracts: 79.3m, 81.66-81.83m, 84.0-84.6m, 92.65m, 103.72-104.2m, 105.14-107.3m, 109.5m, 111.4m, 111.8-112.1m, 112.4-115.2, 116.2m, 117.8-124.3, 125.6m, 133.4-135

DELTA GOLD NL
ACN 002 527 899

DRILLHOLE SAMPLE RECORD

HOLE No DDH 114

SHEET 2 OF 2

PROJECT NAME: BZP	DRILL	SAMPLER AG	SUB No
PROJECT CODE: 749	TYPE: CORE	GEOLOGIST SWV	DATE
			LAB

SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	WIDTH (m)	SAMPLE TYPE	DUPLICATE SAMPLE No	
52494	61	62	1			6866
52495	62	64	2			
52496	64	66	2			
52497	66	68	1			
52498	68	70				
52499	70	72				
52500	72	74				
52501	74	76				
52502	76	78				
52503	78	80				
52504	80	82				
52505	82	84				
52506	84	86				
52507	86	88				
52508	86	88			52508 = 52507	
52509	90	92			(2m core loss 88-90m)	
52510	92	94				
52511	94	96		FILLET		
52512	96	98				
52513	98	100				
52514	100	102				
52515	102	104				
52516	104	106				
52517	106	108				
52518	108	110				
52519	110	112				
52520	112	114				
52521	114	116				
52522	116	118				
52523	126	128				
52524	128	~~130~~ 129	1			
52525	136	138	2			
52526	146	148				
52527	148	149	1			
52528	151	152	1			
52529	152	154	2			
52530	154	156	2			
52531	156	158.2	2.2			

COMMENTS

DELTA GOLD NL
ACN 002 527 899

DRILL LOG SUMMARY SHEET

PROJECT: BZP	PROPOSED: RELOGGED:	Estimated collar parameters	Surveyed Collar
	LOGGED: SWV 23/9/94	E 530140	E
PROSPECT: LEGUNE	CONTRACTOR:	N 8309205	N
	RIG:	Azimuth (grid) —	Azimuth (grid)
HOLE No: NBC-1002	DATE START:	Azimuth (mag) —	Azimuth (mag)
	DATE FINISH: (1976)	Inclination Vertical.	Inclination
HOLE TYPE: DIA.	DEPTH: 115·7 m	DEPTH OXID: See	RL
		below	Surveyed by
			LAB GENALYSIS

PURPOSE: HOLE RELOGGED TO RATIONALISE Clm / Clb_2 CONTACT POSITION.

GROUNDWATER: Not recorded

COMMENTS: Major structure confuses contact position.

SUB No's	LAB No's
6862	

GEOLOGICAL SUMMARY

From (m)	To (m)	Geology
28·8	50·1	Interbedded siltst / shale. Clm. Oxidised to 37m. Localised oxidation below. Major transgressive cycle.
50·1	55·4	Arenite, non-calcar., oxidised. Fault displ. or minor regression.
55·4	58·1	Siltst, largely oxidised. Fault displ. or minor transgression.
58·1	61·0	Silicif. arenite. (Minor regression)
61·0	88·0	Fault zone. Siltst 61–67·7m. Loose sand below 67·7m. Clm/Clb_2. Major core loss. Intensely oxidised.
88·0	108·8	Xtalline dolomite, massive, locally arenac. Clb_2
108·8	115·7	Arenac. dolomite ± silty dolomite interbeds. Clb_2.

MINERALIZATION SUMMARY

From (m)	To (m)	Sampling Interval	Intersection Length (m)	Uncut Grade (g/t)	Cut Grade (g/t)	Upper Cut off (g/t)	Lower Cut off (g/t)

STRUCTURAL SUMMARY

From (m)	To (m)	Remarks
61·0	88·0	Subvertical Fault. Commonly ½ core grit + clay and ½ core highly oxidised + distorted siltst. Slickensides at 61·3m. Loose sands and cavities below 67·7m (taken as Clm/Clb_2 contact).
88·0	115·7	Localised subvertical fractures and strongly broken core.

Delta Gold N.L. — **DIAMOND DRILL LOG** — HOLE No.: NBC 1002 — PAGE 2 OF 4

GEOLOGY From (m)	To (m)	DESCRIPTION	GRAPHIC LOG	Sample #	From (m)	To (m)	Cu	Zn	Pb	CORE Rec%
28		28.8 – 50.1m: Clm. siltst / interbedded		52391	28.8		35	740	40	12.5
	30	shale. Dominantly gn-gr fissile				30				
30		laminar bedded shaley siltst. ± shale		52392	30		38	230	20	62.5
	32	interbeds. Minor cm ± dm scale arenaceous				32				
32		subunits (e.g. 40 – 40.3 m). Abund bedding		52393	32		28	215	50	50
	34	partings, ~80° to core axis. Largely				34				
34		oxidised above 37m to yl-wh ± earthy	WEAK OXIDE ZONE	52394	34		52	165	20	75
	36	rd-bn + or laminations, otherwise				36				
36		localised oxidation, e.g. 40 – 40.3m, 45.5-		52395	36		46	295	35	75
	38	45.6m, 46.3 – 46.35, 49.2 – 49.3m, and				38				
38		49.6 – 50.1 m (interval base)		52396	38		31	490	10	90
	40	Minor limonite in arenaceous interbed at				40				
40		36.8m in subvert hairline fracture and		52397	40		44	290	5	45
	42	a 3cm perous arenite subunit.				42				
42				52398	42		30	640	20	55
	44	Comment: onset of major				44				
44		transgressive cycle.		52399	44		22	720	10	35
	46					46				
46			SULPHIDE ZONE	52400	46		20	880	25	95
	48					48				
48				52401	48		17	680	15	90
	50	50.1 – 55.4 m: Arenite, md-c.gi.				50				
50		Str'ly oxidised yl-or. Subvert fracts	OX	52402	50		34	295	15	80
	52	+ broken ground, 51.5 – 53.9 m. Non-calcar.				52				
52		Comment: Minor regressive cycle.		52403	52		52	230	15	50
	54					54				
54				52404	54		48	420	50	90
	56	55.4 – 58.1m: Shaley siltst. ± sandst.				56				
56		Largely str'ly oxidised yl-or + rd-bn ±	WEAK OXIDE ZONE	52405	56		70	1000	135	30
	58	2 X 1dm non-oxidised gn-gr subunits.				58				
58		Comment: Minor transgressive cycle.		52406	58		116	640	760	50
	60	58.1 – 61.0 m: Silicified arenite. Minor				60				
60		non-silicif. v. porous zones. Buff tan.		52407	60		56	4300	1300	50
	62	Rare crinoid stems. (Regression)		52408		62	52	4100	1250	
62		61.0 – 88.0 m: Major Fault Zone: Intense		52409	62		66	5200	2800	95
	64	oxidation. 61 – 62 m: Admixture of qtz				64				
64		grit + silt + clay. Slickensides at 61.3m.		52410	64		58	5400	2200	85
	66	62 – 66 m: Subunit dominated by subvertical	FAULT ZONE			66				
66		fractures running // to core axis (eg 62-		52411	66		1700	.66%	1.75%	30
	68	62.6m, 64.1 – 65.6m. Lithology (½ core)				68				
68		shaly siltst + (½ core) gritty fault gouge.		52412	68		23	490	240	20
	70	Loose sands b/n 67.7 m – 71.2 m. Major core				70				
70		loss b/n 71.2 m – 88 m. Recorded cavity 84.2-		52413	70		56	1160	7000	25
	72	88m (Hanna, 1976). NOTE: Palyn. sample				72				

Delta Gold N.L. — **DIAMOND DRILL LOG** — HOLE No.: NBC 1002 — PAGE 3 OF 4

GEOLOGY From (m)	To (m)	DESCRIPTION	GRAPHIC LOG	GEOCHEMISTRY (values in ppm unless otherwise shown) Sample #	From (m)	To (m)	Cu	Zn	Pb		CORE Rec%
72		(unknown sampler) collected from the	INTENSE OXIDATION ZONE FAULT ZONE		72		39	½%	1½%		2
	74	middle of the fault zone, so results of				74					
74		doubtful value.			74						2
	76	(Clm/Clb_2 = ? 67.7m)				76					
76					76						2
	78					78					
78					78						2
	80					80					
80					80						2
	82					82					
82					82						2
	84					84					
84					84						2
	86					86					
86					86						2
	88					88					
88		88 – 108.8 m: Xtalline dolomite, massive		52415	88		10	1080	275		85
	90	± subord porous arenaceous interbeds.				90					
90		Oxidised pale yl-or. Rare localised silicif-	BROWSE	52416	90		11	980	460		55
	92	ication (e.g. 102m). Str to intense				92					
92		fracturing. Subvert fracts v. common,		52417	92		9	1700	390		85
	94	e.g. 92-93m, 94.4 – 96m, 96.6 – 98m,				94					
94		99 – 99.7m, 102.4 – 104m, etc.		52418	94		4	580	215		100
	96	Vuggy and wk'ly pyritic fracts b/n 104.7-				96					
96		105.6m, (otherwise intensely oxidised		52419	96		5	900	430		90
	98	throughout interval).				98					
98		Clb_2		52420	98		4	760	180		90
	100					100					
100		comment: Major regressive cycle.		52421	100		6	840	350		65
	102					102					
102				52422	102		6	660	410		85
	104					104					
104				52423	104		4	1250	125		100
	106					106					
106				52424	106		5	640	150		65
	108					108					
108		108.8 – 115.7m: Xtalline dolomite, lt gr ±		52425	108		5	560	85		85
	110	tan (moderately oxidised). Arenaceous	⊛			110					
110		dolomite ± common silty "stylo"		52426	110		6	800	60		100
	112	laminations. Common crinoid stems.				112					
112		Clb_2	⊛	52427	112		5	1120	120		100
	114					114					
114		(Regression)		52428	114		7	560	45		100
	115.7	EOH	⊛			115.7					

DELTA GOLD NL
ACN 002 527 899

DRILLHOLE SAMPLE RECORD

HOLE No NBC-1002

SHEET 4 OF 4

PROJECT NAME: BZP	DRILL	SAMPLER A.G.	SUB No
PROJECT CODE: 749.001	TYPE: CORE	GEOLOGIST S.W.V.	DATE
			LAB

SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	WIDTH (m)	SAMPLE TYPE	DUPLICATE SAMPLE No	
52391	28.8	30	1.2	↑		↑
52392	30	32	2			
52393	32	34	2			
52394	34	36	2			
52395	36	38	2			
52396	38	40	2			
52397	40	42	2			
52398	42	44	2			
52399	44	46	2			
52400	46	48	2			
52401	48	50	2			
52402	50	52	2			
52403	52	54	2			
52404	54	56	2			
52405	56	58	2			
52406	58	60	2			
52407	60	62	2			
52408	60	62	2		52408 = 52407	6862
52409	62	64	2	FILLET		
52410	64	66	2			
52411	66	68	2			
52412	68	70	2			
52413	70	72	2			
52414	72	88	16			
52415	88	90	2			
52416	90	92	2			
52417	92	94	2			
52418	94	96	2			
52419	96	98	2			
52420	98	100	2			
52421	100	102	2			
52422	102	104	2			
52423	104	106	2			
52424	106	108	2			
52425	108	110	2			
52426	110	112	2			
52427	112	114	2			
52428	114	115.7	1.7	↓		↓

COMMENTS Major core loss b/n 72-88 m.

DELTA GOLD NL
ACN 002 527 899

DRILL LOG SUMMARY SHEET

SHEET 1 OF 6

PROJECT: BZP	PROPOSED: RELOGGED	Estimated collar parameters	Surveyed Collar
	LOGGED: SWV (24/9/94)	E	E
PROSPECT: LEGUNE	CONTRACTOR:	N	N
	RIG:	Azimuth (grid)	Azimuth (grid)
HOLE No: NBC-1003	DATE START:	Azimuth (mag)	Azimuth (mag)
	DATE FINISH:	Inclination	Inclination
HOLE TYPE: DIA.	DEPTH: 186.2 m	DEPTH OXID: Variable	RL
		& penetrative	Surveyed by
			LAB GENALYSIS

PURPOSE: NBC-1003 was fillet sampled and relogged as part of stratigraphic/mineralisation assessment of NT tenement areas.

GROUNDWATER:

COMMENTS:

SUB No's	LAB No's
6864	

GEOLOGICAL SUMMARY

From (m)	To (m)	Geology

MINERALIZATION SUMMARY

From (m)	To (m)	Sampling Interval	Intersection Length (m)	Uncut Grade (g/t)	Cut Grade (g/t)	Upper Cut off (g/t)	Lower Cut off (g/t)

STRUCTURAL SUMMARY

From (m)	To (m)	Remarks

GEOLOGY From (m)	To (m)	DESCRIPTION	GRAPHIC LOG	GEOCHEMISTRY (values in ppm unless otherwise shown) Sample #	From (m)	To (m)	CORE Rec%
56				52429	57.5		
	58	57.55 – 62.7m: Dolomite, arenaceous				58	
58		± crystalline, c minor silty dolomite		52430	58		
	60	intercalations. Pale yl-or oxidised,				60	
60		esp in and adj to fracts and leached		52431	60		
	62	subunits. cm-dm scale vuggy zones,				62	
62		possibly specific to fossiliferous (brachiopod)		52432	62		
	64	horizons. Subvert fracts 61-62m.				64	
64		62.7 – 89.9m: Dolomite, arenaceous, xtalline		52433	64		
	66	and vuhgy. Lt gr + tan c thin bk whispy				66	
66		silty intercalations. Vuggy zones v. common,		52434	66		
	68	often fossilif. + lined c clear-bn dolomite				68	
68		crystals (? high Temp dolomite) and traces		52435	68		
	70	of pyrite. Minor nodular/stylolitic zones				70	
70		as per graphic log.		52436	70		
	72	Silty dolomite interbed b/n 83.5-85.5m				72	
72		assoc c common crinoid stems		52437	72		
	74					74	
74				52438	74		
	76					76	
76				52439	76		
	78					78	
78				52440	78		
	80					80	
80				52441	80		
	82					82	
82				52442	82		
	84					84	
84				52443	84		
	86					86	
86				52444	86		
	88					88	
88				52445	88		
	90	89.9 – 92.8m: Silty dolomite, crinoidal,				90	
90		c cm scale vuggy arenaceous dolomite		52446	90		
	92	interbeds. Slumping 89.9m.				92	
92		92.8 – 103.2m: Crystalline dolomite c silty		52447	92		
	94	dolomite (crinoidal) intercalations, arenac.				94	
94		Leached & oxidised b/n 95.6 – 98m.		52448	94		
	96	Str'ly vuggy below 95m to interval base,				96	
96		? coincident c fossiliferous subunits.		52449	96		
	98	Lt tan, oxidised				98	
98				52450	98		
	100					100	

GEOLOGY From (m)	GEOLOGY To (m)	GEOLOGY DESCRIPTION	GRAPHIC LOG	GEOCHEMISTRY Sample #	GEOCHEMISTRY From (m)	GEOCHEMISTRY To (m)	CORE Rec%
100				52451	100		
	102					102	
102		103.2–108.2m: silty dolomite, close		52452	102		
	104	textured, gn-gr, Arenac vuggy dolomite				104	
104		interbed b/n 104.8–106m.		52453	104		
	106					106	
106				52454	106		
	108					108	
108		108.2–111.3m: Vuggy dolomite, tan + gr,		52455	108		
	110	partly oxidised.				110	
110				52456	110		
	112	111.3–117.2m: Arenac dolomite + silty				112	
112		dolomite interbeds. Highly oxidised,		52457	112		
	114	str'ly broken + locally vuggy. Also				114	
114		locally calcareous (e.g. 115.1m)		52458	114		
	116					116	
116				52459	116		
	118	117.2–118.3m: Xtalline dolomite, gr + tan,				118	
118		comm stylolites + nodular. Pyritic fracts,		52460	118		
	120	stylos + voids and/or fe alt. Min calc in				120	
120		some voids.		52461	120		
	122	118.3–119.6m: Oxidised silty + vuggy dol.				122	
122		119.6–126m: Silty dolomite gr-gr + tan		52462	122		
	124	± dm scale fossilif vuggy dolomite				124	
124		interbeds, (esp. 121.5–122.5m)		52463	124		
	126					126	
126		126–130m: Silty dolomite + arenac (vuggy)		52464	126		
	128	dolomite interbeds. Stylonodular at 127-				128	
128		127.4m. Lt gr ± yl-or.		52465	128		
	130					130	
130		130–140.6m: Vuggy dolomite, stylonodular		52466	130		
	132	to stylobrecciated. Lt gr – tan				132	
132		crystalline vuhgy + arenac dolomite		52467	132		
	134	± silty dolomite stylo intercalations.				134	
134		Locally v. stylolitic (30/m).		52468	134		
	136	Dolomitised shaley siltst. incr. toward				136	
136		interval base.		52469	136		
	138					138	
138				52470	138		
	140					140	
140		140.6–146.3m: Silty dolomite ±		52471	140		
	142	arenac vuggy dolomite b/n 142.6–143.6m.				142	
142		Largely oxidised pale yl-or, minor		52472	142		
	144	gr-gn (non oxidised).				144	

Delta Gold N.L. **DIAMOND DRILL LOG** HOLE No.: PAGE 4 OF 6

GEOLOGY			GRAPHIC LOG	GEOCHEMISTRY (values in ppm unless otherwise shown)				CORE
From (m)	To (m)	DESCRIPTION		Sample #	From (m)	To (m)		Rec%
144				52473	144			
	146					146		
146		146.3 – 186.2 m: Silty dolomite, lt gr		52474	146			
	148	± occ arenaceous dolomite subunits				148		
148		(e.g. 161.2 – 162.8m) Silty dolomite	ϕ	52475	148			
	150	probably after silty wackestone. Whispy				150		
150		dk gr silt intercalations throughout.		52476	150			
	152	The occasional vuggy interbeds probably				152		
152		after leached grainstones / packstones.		52477	152			
	154	Silt increases ± depth, esp below 168m.				154		
154		where dm scale shaley (bk) interbeds		52478	154			
	156	are an occasional feature. Oxidation	ϕ			156		
156		at 185.8 – 186.2 (EOH).	◎	52479	156			
	158	Minor sparry calcite veined fracts				158		
158		b/n 156.5 – 158m and 166–168m.		52480	158			
	160	Biota generally crinoid and				160		
160		brachiopod debris.	ϕ	52481	160			
	162	(clb, below 167.8m specific to				162		
162		greater silt content).		52482	162			
	164					164		
164		PALYNO SAMPLES (18/11/82)	ϕ	52483	164			
	166	174.2 – 174.3m				166		
166		178.95 – 179.05m	◎	52484	166			
	168					168		
168				52485	168			
	170					170		
170				52486	170			
	172		ϕ			172		
172				52487	172			
	174					174		
174				52488	174			
	176		◎			176		
176				52489	176			
	178					178		
178			ϕ	52490	178			
	180					180		
180				52491	180			
	182					182		
182			◎	52492	182			
	184					184		
184			ϕ	52493	184			
	1862	EOH				1862		

DELTA GOLD NL
ACN 002 527 899

DRILLHOLE SAMPLE RECORD

HOLE No NBC-1003

SHEET 5 OF 6

SUB No

PROJECT NAME: BZP
PROJECT CODE: 749

DRILL TYPE: CORE

SAMPLER A.G.
GEOLOGIST SWV

DATE
LAB

SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	WIDTH (m)	SAMPLE TYPE	DUPLICATE SAMPLE No
52429	57.55	58	0.45		
52430	58	60	2		
52431	60	62	2		
52432	62	64	2		
52433	64	66			
52434	66	68			
52435	68	70			
52436	70	72			
52437	72	74			
52438	74	76			
52439	76	78			
52440	78	80			
52441	80	82			
52442	82	84			
52443	84	86			
52444	86	88			
52445	88	90			
52446	90	92			
52447	92	94			
52448	94	96			
52449	96	98		FILLET	
52450	98	100		FILLET	
52451	100	102		FILLET	
52452	102	104		FILLET	
52453	104	106		FILLET	
52454	106	108		FILLET	
52455	108	110			
52456	110	112			
52457	112	114			
52458	114	116			
52459	116	118			
52460	118	120			
52461	120	122			
52462	122	124			
52463	124	126			
52464	126	128			
52465	128	130			
52466	130	132			
52467	132	134			
52468	134	136			

6864

COMMENTS

DELTA GOLD NL
ACN 002 527 899

DRILLHOLE SAMPLE RECORD

HOLE No NBC-1003

SHEET 6 OF 6

PROJECT NAME: BZP	DRILL	SAMPLER A.G.	SUB No
PROJECT CODE: 749	TYPE: CORE	GEOLOGIST SWV	DATE
			LAB

SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	WIDTH (m)	SAMPLE TYPE	DUPLICATE SAMPLE No	
52469	136	138	2			
52470	138	140	2			
52471	140	142				
52472	142	144				
52473	144	146				
52474	146	148				
52475	148	150				
52476	150	152				
52477	152	154				
52478	154	156				
52479	156	158		FILLET		
52480	158	160				6864
52481	160	162				
52482	162	164				
52483	164	166				
52484	166	168				
52485	168	170				
52486	170	172				
52487	172	174				
52488	174	176				
52489	176	178				
52490	178	180				
52491	180	182				
52492	182	184				
52493	184	186.2	2.2			

COMMENTS

DELTA GOLD NL
ACN 002 527 899

DRILL LOG SUMMARY SHEET

PROJECT: BONAPARTE ZINC	PROPOSED :	Estimated collar parameters	Surveyed Collar
	LOGGED: SWV	E	E
PROSPECT: LEGUNE	CONTRACTOR:	N	N
	RIG:	Azimuth (grid)	Azimuth (grid)
HOLE No: NBO - 1002	DATE START:	Azimuth (mag)	Azimuth (mag)
	DATE FINISH:	Inclination	Inclination
HOLE TYPE: DIA.	DEPTH: 210.3m	DEPTH OXID: Penetrative, see below.	RL
			Surveyed by
			LAB GENALYSIS

PURPOSE:

SUB No's	LAB No's
6867	

GROUNDWATER:

COMMENTS:

GEOLOGICAL SUMMARY

From (m)	To (m)	Geology
84.6	123.7	Shale/siltst. Gn fissile, non-calcar., locally dolomitic (below 104m). Minor dm-scale dolarenite interbeds. Clm.
123.7	138.3	Arenac. dolomite, leached, vuggy, oxidised. Broken. Clb_2.
138.3	148.0	Lime mudst., Md gr silty ± dolomitic ±Oxidised dolarenite. Crinoidal silty wackest (144-148m). Calc ± bitumen vnd fract, 143.5m. Clb_2.
148.0	176.3	Calcarenite / arenac packst. Calcarenite usually oxidised. Packst. mod. fossilif, locally oncolitic and tending towards grain supported. (Non-dolomitised ? Clb_2.)
176.3	210.3	Packstone / grainstone

MINERALIZATION SUMMARY

From (m)	To (m)	Sampling Interval	Intersection Length (m)	Uncut Grade (g/t)	Cut Grade (g/t)	Upper Cut off (g/t)	Lower Cut off (g/t)

STRUCTURAL SUMMARY

From (m)	To (m)	Remarks
143.0	144.3	Calc ± bitumen vnd fault fract in silty crinoidal wackest. (Fault).
173.2	173.4	Fault: 2cm wide subvert pug + calc fract. ½ core lt tan fossilif packst, ½ core gr silty carbonac crinoidal (crushed) wackest. Possible considerable vertical movement, (c.f. 144-148m).

Delta Gold N.L. DIAMOND DRILL LOG HOLE No.: NBO 1002 PAGE 2 OF 6

GEOLOGY From (m)	To (m)	DESCRIPTION	GRAPHIC LOG	GEOCHEMISTRY (values in ppm unless otherwise shown) Sample w	From (m)	To (m)	CORE Rec%
84		84·6–123·7m: Shale / siltst.		52532	84·7		
	86	Gr-gn fissile, laminated. Non-calcareous.					
86		Locally dolomitic, esp below 104m. Above 94m,					
	88	minor dm scale arenac dolomite ± siliceous				88	
88		(chalcedonic) fractures.		52533	88		
	90	Str. bedding partings throughout, 75°				90	
90		to core axis.		52534	90		
	92	Clm				92	
92				52535	92		
	94					94	
94				52536	94		
	96					96	
96				52537	96		
	98					98	
98				52538	98		
	100					100	
106				52539	100		
	102					102	
102				52540	102		
	104					104	
104				52541	104		
	106					106	
106				52542	106		
	108					108	
108				52543	108		
	110					110	
110				52544	110		
	112					112	
112				52545	112		
	114					114	
114				52546	114		
	116					116	
116				52547	116		
	118					118	
118				52548	118		
	120					120	
120				52549	120		
	122					122	
122		123·7–138·3m: Arenaceous dolomite.		52550	122		
	124	Leached, vuggy and oxidised (pale				124	
124		yl-or). Intensely broken ± large		52551	124		
	126	amounts of ground core / core loss.				126	
126				52552	126		
	128	Clb_2				128	

Delta Gold N.L. DIAMOND DRILL LOG HOLE No.: NBO 1002 PAGE 3 OF 6

GEOLOGY From (m)	To (m)	DESCRIPTION	GRAPHIC LOG	GEOCHEMISTRY (values in ppm unless otherwise shown) Sample #	From (m)	To (m)	CORE Rec%
128				52553	128		
	130					130	
130				52554	130		
	132					132	
132				52555	132		
	134					134	
134				52556	134		
	136					136	
136				52557	136		
	138					138	
138		138.3 - 148.0 m: Lime mudst. Lt - md	M	52558	138		
	140	gr., silty. Subord dolemitic zones.				140	
140		Minor arenac dolemite / dolarenite		52559	140		
	142	(oxidised) interbeds. Md gr crinoidal				142	
142		silty wackest b/n 144 - 148 m ± calcite	M	52560	142		
	144	± bitumen fract at 144.3 m. Bitumen in				144	
144		adj. voids. (Fault zone 143 - 144.3 m in		52561	144		
	146	zone of strong core loss.				146	
146			M	52562	146		
	148					148	
148		148 - 176.3 m: Calcarenite / arenac packst.	P	52563	148		
	150	Dm to m cycles of arenaceous packstone	II			150	
150		and calcareous arenite. Calcarenite usually	II	52564	150		
	152	leached and oxidised (pale yl - or), sometimes	P	ϕ		152	
152		dolomitic. Arenaceous packstone character-	P	◎ 52565	152		
	154	ised by micritic ooids (small oncolites)	II			154	
154		centred on well rounded md - c. qtz	II	52566	154		
	156	sand grains. Packst is locally moderately	P II			156	
156		fossiliferous ± brachiopod ± gastropod crin.		◎ 52567	156		
	158	fragments the main assemblages.	II	ϕ		158	
158		Below 168 m the interval is dominated by	P	52568	158		
	160	packst. ± subord grain supported zones.	II			160	
160		Some ½ cm - 1 cm scale oncolites centred on	II	52569	160		
	162	fossil debris (brachs) are common.	P			162	
162		A 1 - 2 cm wide subvert pug + calcite vnd	II	52570	162		
	164	fault / fract occurs at 173.2 - 173.4 m: ½ core				164	
164		lt tan fossilif. (brach, gastr.) packst, ½ core	II	52571	164		
	166	gr. crinoidal silty / carbonaceous wackest.	P			166	
166		c.f. 144 - 148 m. Possible considerable	II	52572	166		
	168	vertical movement.				168	
168			II	52573	168		
	170		P			170	
170			II	52574	170		
	172					172	

Delta Gold N.L. — **DIAMOND DRILL LOG** — HOLE No.: NBO 1002 — PAGE 4 OF 6

GEOLOGY			GRAPHIC LOG	GEOCHEMISTRY (values in ppm unless otherwise shown)								CORE
From (m)	To (m)	DESCRIPTION		Sample #	From (m)	To (m)						Rec%
172				52575	172							
	174					174						
174				52576	174							
	176					176						
176		176.3–210.3m: Grainst / packst.		52577	176							
	178					178						
178				52578	178							
	180					180						
180				52579	180							
	182					182						
182				52580	182							
	184					184						
184				52581	184							
	186					186						
186				52582	186							
	188					188						
188				52583	188							
	190					190						
190				52584	190							
	192					192						
192				52585	192							
	194					194						
194				52586	194							
	196					196						
196				52587	196							
	198					198						
198				52588	198							
	200					200						
200				52589	200							
	202					202						
202				52590	202							
	204					204						
204				52591	204							
	206					206						
206				52592	206							
	208					208						
208				52593	208							
	210.3					210.3						

DELTA GOLD NL
ACN 002 527 899

DRILLHOLE SAMPLE RECORD

HOLE No NBO-1002

SHEET 5 OF 6

SUB No

PROJECT NAME: BZP	DRILL	SAMPLER A.G	DATE
PROJECT CODE: 749	TYPE:	GEOLOGIST SWV	LAB

SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	WIDTH (m)	SAMPLE TYPE	DUPLICATE SAMPLE No	
52532	84.65	88	3.35			
52533	88	90	2			
52534	90	92	2			
52535	92	94	2			
52536	94	96				
52537	96	98				
52538	98	100				
52539	100	102				
52540	102	104				
52541	104	106				
52542	106	108				
52543	108	110				
52544	110	112				
52545	112	114				
52546	114	116				
52547	116	118				
52548	118	120				
52549	120	122				7967
52550	122	124				7968
52551	124	126		FILLET		7969
52552	126	128				
52553	128	130				
52554	130	132				
52555	132	134				
52556	134	136				
52557	136	138				
52558	138	140				
52559	140	142				
52560	142	144				
52561	144	146				
52562	146	148				
52563	148	150				
52564	150	152				
52565	152	154				
52566	154	156				
52567	156	158				
52568	158	160				
52569	160	162				
52570	162	164				
52571	164	166	↓	↓		↓

COMMENTS

DELTA GOLD NL
ACN 002 527 899

DRILLHOLE SAMPLE RECORD

HOLE No NBO-1002

SHEET 6 OF 6

SUB No

PROJECT NAME: BZP	DRILL TYPE:	SAMPLER A.G	DATE
PROJECT CODE: 749		GEOLOGIST SWV	LAB

SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	WIDTH (m)	SAMPLE TYPE	DUPLICATE SAMPLE No	
52572	166	168	2			
52573	168	170				
52574	170	172		FILLET		8617
52575	172	174				
52576	174	176				
52577	176	178				
52578	178	180				
52579	180	182				
52580	182	184				
52581	184	186				
52582	186	188				
52583	188	190				
52584	190	192				
52585	192	194				
52586	194	196				
52587	196	198				
52588	198	200				
52589	200	202				
52590	202	204				
52591	204	206				
52592	206	208				
52593	208	210.3	2.3			

COMMENTS

DELTA GOLD NL
ACN 002 527 899

DRILLHOLE SAMPLE RECORD

HOLE No NBO1003

SHEET 1 OF

SUB No 6861

PROJECT NAME: BZP
PROJECT CODE:

DRILL TYPE: CORE

SAMPLER A. G.
GEOLOGIST SWV

DATE 19/9/94
LAB GENALYSIS

SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	WIDTH (m)	SAMPLE TYPE	DUPLICATE SAMPLE No	
				FILLET		
652301	78.23	80.00				
52302	80.00	82.00				
52303	82.00	84.00				
52304	84.00	86.00				
52305	86.00	88.00				
52306	88.00	90.00				
52307	90.00	92.00				
52308	92.00	94.00				
52309	94.00	96.00				
52310	96.00	98.00				
52311	98.00	100.00				
52312	100.00	102.00				
52313	102.00	104.90				
52314	104.9	107.00				
52315	107.00	109.00				
52316	109.00	111.00				
52317	111.00	114.95				
52318	114.95	116.30				
52319	117.20	120.90				
52320	120.90	122.90				
52321	122.90	124.90				
52322	124.90	127.00				1
52323	127.00	129.00				0
52324	129.00	131.00				8
52325	131.00	133.00				0
52326	133.00	135.00				
52327	135.00	137.00				
52328	137.00	139.00				
52329	139.00	141.00				
52330	141.00	143.00				
52331	143.00	145.00				
52332	145.00	147.00				
52333	147.00	149.00				
52334	149.00	151.00				
52335	151.00	153.00				
52336	153.00	155.00				
52337	155.00	157.00				
52338	157.00	159.00				
52339	159.00	161.00				

COMMENTS

DELTA GOLD NL
AGN 002 527 899

DRILLHOLE SAMPLE RECORD

HOLE No NBO 1003
SHEET 2 OF
SUB No 6861

PROJECT NAME: BZP
PROJECT CODE:

DRILL TYPE: CORE
SAMPLER AG
GEOLOGIST SWV
DATE 19/4/94
LAB GENALYSIS

SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	WIDTH (m)	SAMPLE TYPE	DUPLICATE SAMPLE No
52340	161.00	163.00		FILLET	
52341	163.00	165.00			
52342	165.00	167.00			
52343	167.00	169.00			
52344	169.00	171.00			
52345	171.00	173.00			
52346	173.00	175.00			
52347	175.00	177.00			
52348	177.00	179.00			
52349	179.00	181.00			
52350	179.00	181.00			Duplicate of 52349
52351	181.00	183.00			
52352	183.00	185.00			
52353	185.00	187.00			
52354	187.00	189.00			
52355	189.00	191.00			
52356	191.00	193.00			
52357	193.00	195.00			
52358	195.00	197.00			
52359	197.00	199.00			
52360	199.00	201.00			
52361	201.00	203.00			
52362	203.00	205.00			
52363	205.00	207.00			
52364	207.00	209.00			
52365	209.00	211.00			
52366	211.00	213.00			
52367	213.00	215.00			
52368	215.00	217.00			
52369	217.00	219.00			
52370	219.00	221.00			
52371	221.00	223.00			
52372	223.00	225.00			
52373	225.00	227.00			
52374	227.00	229.00			
52375	229.00	231.00			
52376	231.00	233.00			
52377	233.00	235.00			
52378	235.00	237.00			
52379	237.00	239.00			

1961
1980

COMMENTS

DELTA GOLD NL
ACN 002 527 899

DRILLHOLE SAMPLE RECORD

HOLE No NB01003

SHEET 3 OF

SUB No

PROJECT NAME: BZP

PROJECT CODE:

DRILL TYPE: CORE

SAMPLER AG

GEOLOGIST SWV

DATE

LAB GENALYSIS

SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	WIDTH (m)	SAMPLE TYPE	DUPLICATE SAMPLE No	
52380	239.00	241.00				6861

COMMENTS

DELTA GOLD NL
ACN 002 527 899

DRILLHOLE SAMPLE RECORD

HOLE No NBO1005

SHEET OF

PROJECT NAME: B2P	DRILL TYPE:	SAMPLER AG	SUB No
PROJECT CODE:		GEOLOGIST SV	DATE
			LAB

SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	WIDTH (m)	SAMPLE TYPE	DUPLICATE SAMPLE No	
52381	241.0	243.0				
52382	243.0	245.0				
52383	245.0	247.0				
52384	247.0	249.0				
52385	249.0	251.0				
52386	251.0	253.0				
52387	255.0	255.0				
52388	255.0	257.0				
52389	257.0	259.0				
52390	259.0	261.60				

COMMENTS