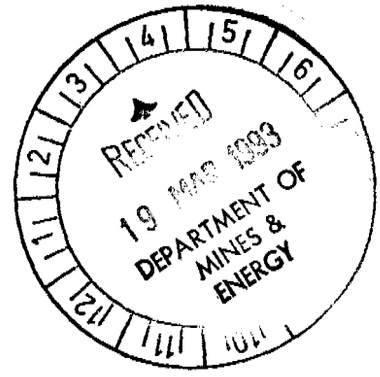

ANNUAL REPORT FOR YEAR TWO EXPLORATION LICENCE 7034 DARWIN RIVER PROJECT, NT

21 FEBRUARY 1992 TO 20 FEBRUARY 1993

BY

ANDREW D GROVE (B Eng; Mineral Exploration and Mining Geology)

OF

EUPENE EXPLORATION ENTERPRISES PTY LTD

FOR

AZTEC MINING COMPANY LIMITED

DARWIN SD52-43
Noonamah 5172

Darwin NT
March 1993

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1. SUMMARY

Exploration Licence 7034 lies on the northern margin of the Rum Jungle and Waterhouse basement complexes. The southern margin of the licence is bound by a prominent E-W trending ridge of Acacia Gap quartzite and minor outcrops of Wildman Siltstone and Koolpin Formation. In the north, subcropping Mount Bonnie and Burrell Creek Formation sediments form low hills. The majority of the licence is covered by alluvial sands, clays and laterite.

Previous exploration efforts by the BMR, Uranerz and CEGBEA were directed towards Uranium. Two prospects were identified, Brodribb and Lugg's, but radiation has been attributed to thorium rather than uranium.

Work carried out by Aztec Mining Company Limited during the first year of tenure consisted of a literature search, rock chip sampling, -40 # and BLEG stream sediment sampling and laterite sampling. Several base metal and gold anomalies were identified. Follow-up work on the two gold anomalies failed to duplicate previous results.

During the second year of tenure RAB drilling over the base metal anomalies delineated a large (1700 x 300m) Pb and Zn anomaly in the south of the licence. Geological mapping and ground magnetics was conducted. Peak geochemistry was tested with a diamond drillhole.

Diamond Drilling identified minor stratiform base metal mineralisation in a biotite schist of the Koolpin Formation stratigraphically above a limestone rich sequence.

2. INTRODUCTION

Exploration Licence 7034 is located on the Noonamah (5172) 1:100,000 sheet and centred approximately 55km south of Darwin (Figure 1). Access is gained via the Stuart Highway and numerous rural roads and tracks.

The licence is considered prospective for base metal and to a lesser extent gold mineralisation.

The aim of this report is to discuss the work conducted during the second year of tenure, present results and propose a work programme and budget for year three.

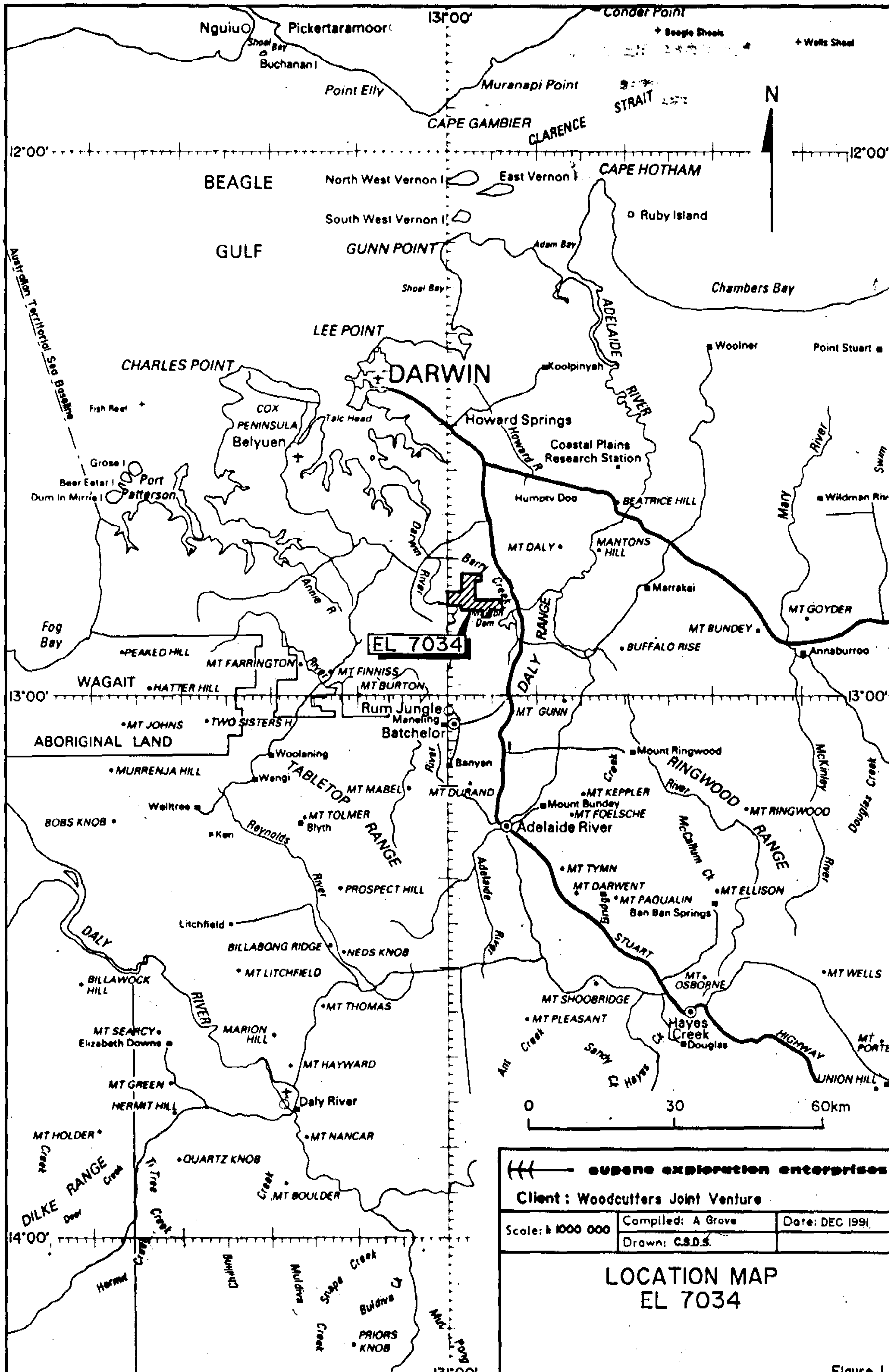
3. CONCLUSIONS

1. RAB drilling identified a strong, continuous Pb, Zn anomaly parallel to bedding strike, indicating stratiform mineralisation.

2. Minor stratiform phyrhotite, chalcopyrite, sphalerite and pyrite mineralisation was identified in core, stratigraphically above a limestone (carbonate) rich sequence.

4. The presence of pyrrhotite as a major constituent of the stratiform mineralisation may be useful in identifying areas of local thickening by the use of magnetics as an exploration tool.

5. The magnetic anomaly east of the diamond drillhole requires further investigation.



Nguiu
Pickertaramoor
Shoal Bay
Buchanan I
Point Elly
Muranapi Point
Conder Point
Beagle Shoals
Wells Shoal
CAPE GAMBIER
CLARENCE
STRAIT
N
12°00'
131°00'
BEAGLE
GULF
North West Vernon I
East Vernon I
South West Vernon I
CAPE HOTHAM
Ruby Island
GUNN POINT
Adam Bay
Shoal Bay
Chambers Bay
Australian Territorial Sea Baseline
LEE POINT
ADELAIDE
RIVER
Woolner
Point Stuart
CHARLES POINT
DARWIN
Koolpinyah
Fish Reef
COX
PENINSULA
Talc Head
Howard Springs
Belyuen
Howard R
Coastal Plains
Research Station
Grose I
Beer Eetar I
Dum In Mirrie I
Port
Patterson
Humpty Doo
BEATRICE HILL
Mary
River
Swim
Wildman River
Darwin
River
MT DALY
MANTONS
HILL
Berry
Creek
Anna R
Marrakai
DALY
RANGE
MT GOYDER
Fog
Bay
Rum Jungle Dam
EL 7034
MT BUNDEY
BUFFALO RISE
Annaburroo
PEAKED HILL
MT FARRINGTON
River
MT FINNISS
WAGAIT
HATTER HILL
MT BURTON
13°00'
Rum Jungle
Manelling
Batchelor
MT GUNN
MT JOHNS
TWO SISTERS H
ABORIGINAL LAND
Woolaning
Mount Ringwood
RINGWOOD
River
Banyan
McKinley
Douglas Creek
MURRENJA HILL
Wangi
TABLETOP
MT MABEL
MT DURAND
Creek
MT KEPPLER
Weltree
Mount Bundey
MT FOELSCHE
RANGE
MT RINGWOOD
BOBS KNOB
MT TOLMER
Blyth
Adelaide River
Ken
Reynolds
RANGE
Adelaide
McCallum Ck
River
MT TYMN
River
PROSPECT HILL
MT DARWENT
MT PAQUALIN
MT ELLISON
Bridge Ck
Ban Ban Springs
Litchfield
DALY
BILLABONG RIDGE
NEDS KNOB
River
STUART
MT LITCHFIELD
MT
OSBORNE
MT WELLS
BILLAWOCK
HILL
RIVER
MT THOMAS
MT SHOOBRIDGE
MT PLEASANT
Hayes
Creek
MT SEARCY
Elizabeth Downs
MARION
HILL
Ant Creek
Sandy Ck
Hayes
Ck
Douglas
HIGHWAY
MT
PORTER
MT HAYWARD
UNION HILL
MT GREEN
Daly River
0
30
60km
HERMIT HILL
MT NANCAR
MT HOLDER
Creek
QUARTZ KNOB
DILKE RANGE
Creek
Ti Tree
Creek
Deer
Creek
MT BOULDER
14°00'
Hermit
Creek
Bulldog
Muldiva
Snake Creek
Creek
Buldiva Ck
Mt Pong
PRIORS
KNOB
131°00'
eupene exploration enterprises
Client : Woodcutters Joint Venture
Scale: 1: 1000 000
Compiled: A Grove
Date: DEC 1991
Drawn: C.S.D.S.
LOCATION MAP
EL 7034
Figure 1

4. TENURE

Exploration licence 7034 comprises 13 graticular blocks (40 km^2) and was granted to Nicron Resources Limited (100%) on 21st February 1991 for a period of six years. Exploration is managed by Aztec Mining Company Limited, the majority shareholder in Nicron Resources and operators of the Woodcutters Ag-Pb-Zn Mine 80km south of Darwin.

The licence underwent a 50% partial relinquishment at the end of the second year of tenure.

5. PREVIOUS EXPLORATION

1950's and 60's

The BMR identified the Brodribb uranium anomaly in the southern portion of EL 7034. Exploration activity over the anomaly included SP, magnetic, radiometric and geological surveys, costeaning and diamond drilling. Radiation was found to be caused by thorium rather than Uranium (Boots, 1990A).

1980 - 1981 Uranerz (EL 2159) **CR81/079**

Exploration activity consisted of gridding, geological mapping, ground scintillometry surveys and drilling of six percussion drill holes totalling 334m over the Brodribb radioactive zone. Analysis confirmed thorium is the main source of radioactivity.

1986 - 1990 CEGB Exploration (Australia) Pty Ltd (EL 4775)
CR88/340 and CR90/175

Exploration was initially aimed at Uranium mineralisation, CR90/175. Work including reprocessing of NTGS airborne data and regional INPUT and ground geophysical surveys. Two prospects were identified from this work; Luggs anomaly and Brodribb prospect.

CEGB Exploration (Australia) Pty Ltd conducted a gamma ray spectrometry survey over the Brodribb prospect, confirming thorium as the main source of radiation.

Ground magnetic, radiometric, and ROAC (Radon-on-activated charcoal) surveys were conducted over Lugg's anomaly. The anomaly was tested with 19 percussion drillholes but no Uranium mineralisation was encountered. Base metal values from both ROAC (auger) holes and drilling were low.

In 1989 under a joint venture agreement with Compass Resources the exploration emphasis changed from Uranium to base metals. Samples every 400 metres along the power line were collected but no significant results recorded.

AZTEC

During the first year of tenure work conducted for Aztec included a literature search, rock chip sampling, -40# and BLEG stream sediment sampling and laterite sampling (Grove, 1992).

Laterite and stream sediment sampling identified several gold and base metal anomalies.

Limited follow-up on two gold anomalies failed to duplicate previously high results.

6. WORK CONDUCTED AND RESULTS

Exploration during the second year of tenure was directed towards testing base metal anomalies identified by laterite and stream sediment sampling in the first year.

Work conducted included RAB (rotary air blast) drilling, geological mapping, ground magnetics and diamond drilling.

RAB Drilling

The RAB programme was designed to follow up and define the base metal anomalies. Two programmes were conducted, one covering a Pb (max, 497 ppm) Zn (max, 396 ppm) and Cu (max, 143 ppm) anomaly (244 holes), to the south of the licence and a smaller (18 holes) programme to the north covering a single point Co (1465 ppm), Zn (451 ppm), Cu (439 ppm) anomaly. (Figure 2).

RAB drilling was conducted on a 50x100m grid pattern to depths of 1 to 12 metres (total meterage 1433m) and one to three metre composite samples were collected from the bottom of the holes. (Figure 3, Sample Locations) Sample size ranged from one to three kilograms of saprolitic material, these were sent to Assaycorp in Pine Creek to be analysed for Au (Fire Assay) and Cu, Pb, Zn, Co and As (AAS). (Appendix - 1 Assays and Appendix 2 - log sheets).

Only a small low level Pb (451 ppm, max) and Zn (142 ppm, max) anomaly was defined within the northern grid.

RAB drilling in the southern area defined a zone of anomalous Pb (max, 4176 ppm) and Zn (max, 1363 ppm) which extends the full length of the grid (1700 m) and is approximately 300m wide overall. The anomalous zone has not been closed off at either end. The trend of the anomalous zone is approximately 105°, parallel to regional bedding strike and isolated quartz veins outcrop within this anomalous area.

Geological Mapping

Limited outcrop restricted 1:1000 geological mapping to the western portion of the main RAB grid (Figure 4).

Mapping revealed a sequence of ferruginous siltstones and ferruginous siltstones with chert boudins ("pigeon egg chert") typical of the Koolpin Formation. Isolated quartz veins, some gossanous, were present near areas of high geochemistry. Structurally the mapping area was situated on the northern limb of an anticline with minor fold closures plunging west. Regional strike is 105° with a dip of 70° N, similar dips are present in outcrop.

The stratigraphy of the area is poorly understood, although regional geological and geophysical maps indicate South Alligator Group. This is supported by field observations. The prospect also lies in the vicinity of a postulated major fault bounding the northern periphery of the Rum Jungle Complex.

Rock Chip Sampling

In conjunction with geological mapping 15 rock chip samples were collected. Each sample weighed an average of 3-5kg and was sent to Amdel labs in Darwin to be analysed for Cu, Pb, Zn, As (AAS) (Appendix 3 - assay and Figure 4 - sample locations).

Slightly elevated levels of all elements were encountered (max, 370 ppm Cu, 1880 ppm Pb, 930 ppm Zn and 710 ppm As).

Ground Magnetics

A hand held ground magnetic survey was conducted over the entire southern RAB grid. Readings were taken every 10m along lines spaced 100m apart. Magnetic readings were contoured and residual magnetism separated from the regional field. (Figure 5).

The survey revealed a regional field constantly increasing in gradient to the south, approximately parallel to bedding strike. The regional field may be increasing towards the Acacia Gap Quartzite and the known pyrrhotite rich horizon which occurs within that unit.

A bullseye magnetic anomaly was revealed when residual magnetism was separated from the regional field. The anomaly occurs east approximately along bedding strike (105°) from DR1, but no significant geochemistry occurs in that location (max, 115 ppm Zn, 62 ppm Pb).

The area where the magnetic anomaly occurs is covered by flood plain alluvium. Costeaning is required to help determination of its source.

720 000mE

725 000mE

8 585 000mN

8 580 000mN

EL 7034

Ettie Creek

NG

DR

BMR

12° 50'

131° 05'

LEGEND

- Laterite sampling traverse
- RAB sampling traverse
- Rock ship sample location
- BLEG sample location
- Stream sediment sample location
- EL boundary
- Drill hole showing direction

0 2km

SCALE 1 : 25,000

EL 7034

ACTIVITY LOCATION PLAN

Figure 2

Woodcutters Mine

AZTEC MINING LIMITED

EL 7034 RAB SAMPLE LOCATION PLAN

~~ENCLOSURE~~
Figure 3

File :7034-RAB

Scale :1 : 10000

Date :04 Mar 1993

Geologist: ADG

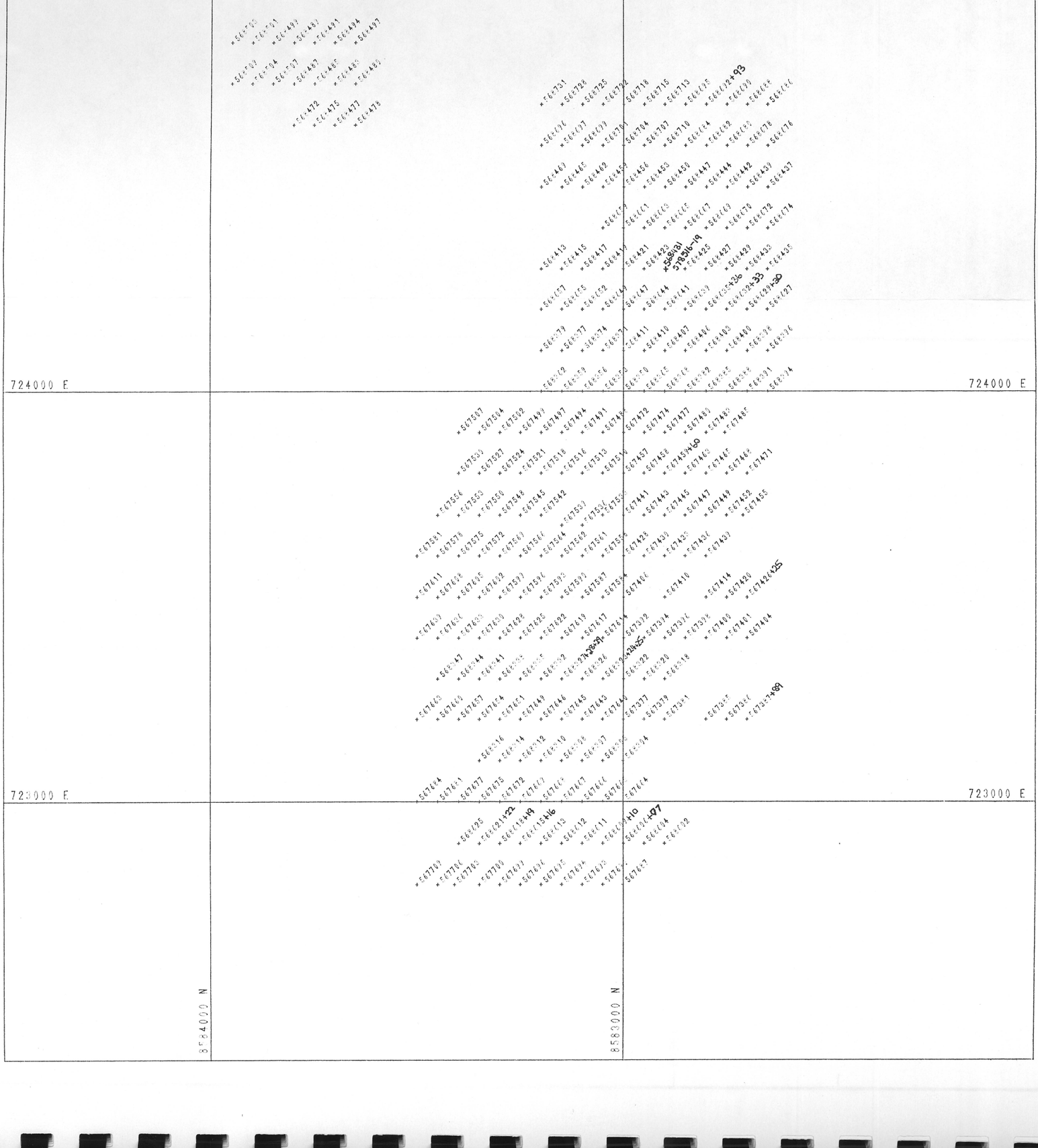
8584000 N

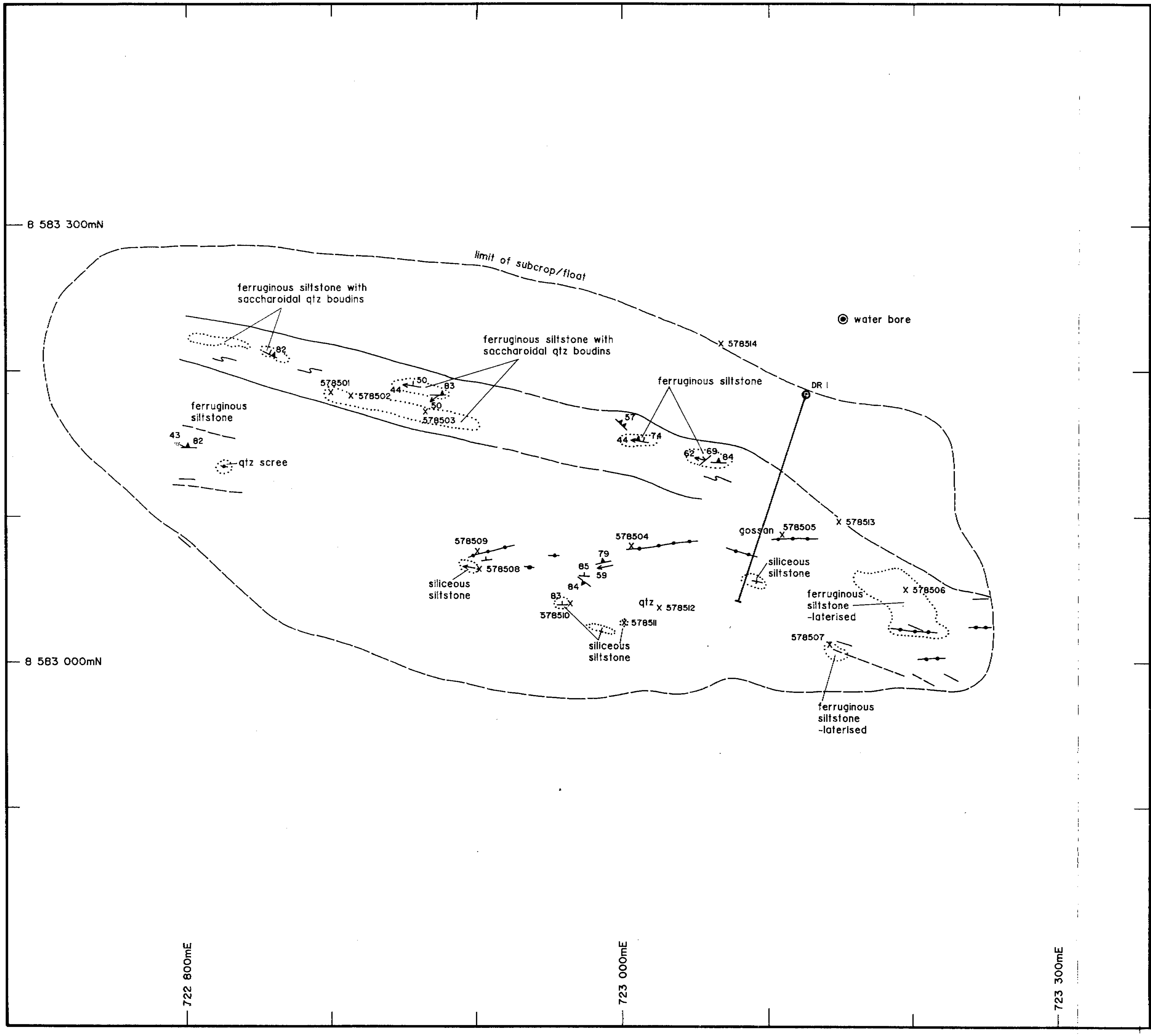
8583000 N

725000 E

724000 E

723000 E




8 583 300mN
8 583 000mN
722 800mE
723 000mE
723 300mE
limit of subcrop/float
ferruginous siltstone with saccharoidal qtz boudins
ferruginous siltstone with saccharoidal qtz boudins
ferruginous siltstone
ferruginous siltstone
qtz scree
water bore
DR I
X 578514
X 578513
578501
X 578502
578503
578504
gossan
578505
578509
X 578508
siliceous siltstone
siliceous siltstone
578510
578511
siliceous siltstone
qtz X 578512
X 578506
ferruginous siltstone -laterised
578507
ferruginous siltstone -laterised
N
0
50
100metres

LEGEND

———	Geological boundary
— — —	Inferred geological boundary
·········	Scree boundary
—•—•—	Quartz vein
⊥	Bedding
▲	Cleavage
▲▲	S_2 cleavage
▲⊥	Cleavage parallel to bedding
—	Trend
~	Antiformal vergence
qtz	quartz
43 ←	Lineation

Aztec Mining Company Ltd

EL 7034
DARWIN RIVER PROJECT
GEOLOGY - OUTCROP

PROJ. NAME: EL 7034	NO. 7034-01
	Figure 4
COMPILED: R.R.Berthelsen	SCALE: 1 : 2,500
DRAWN: M.C.B.	DATE: JULY 1992

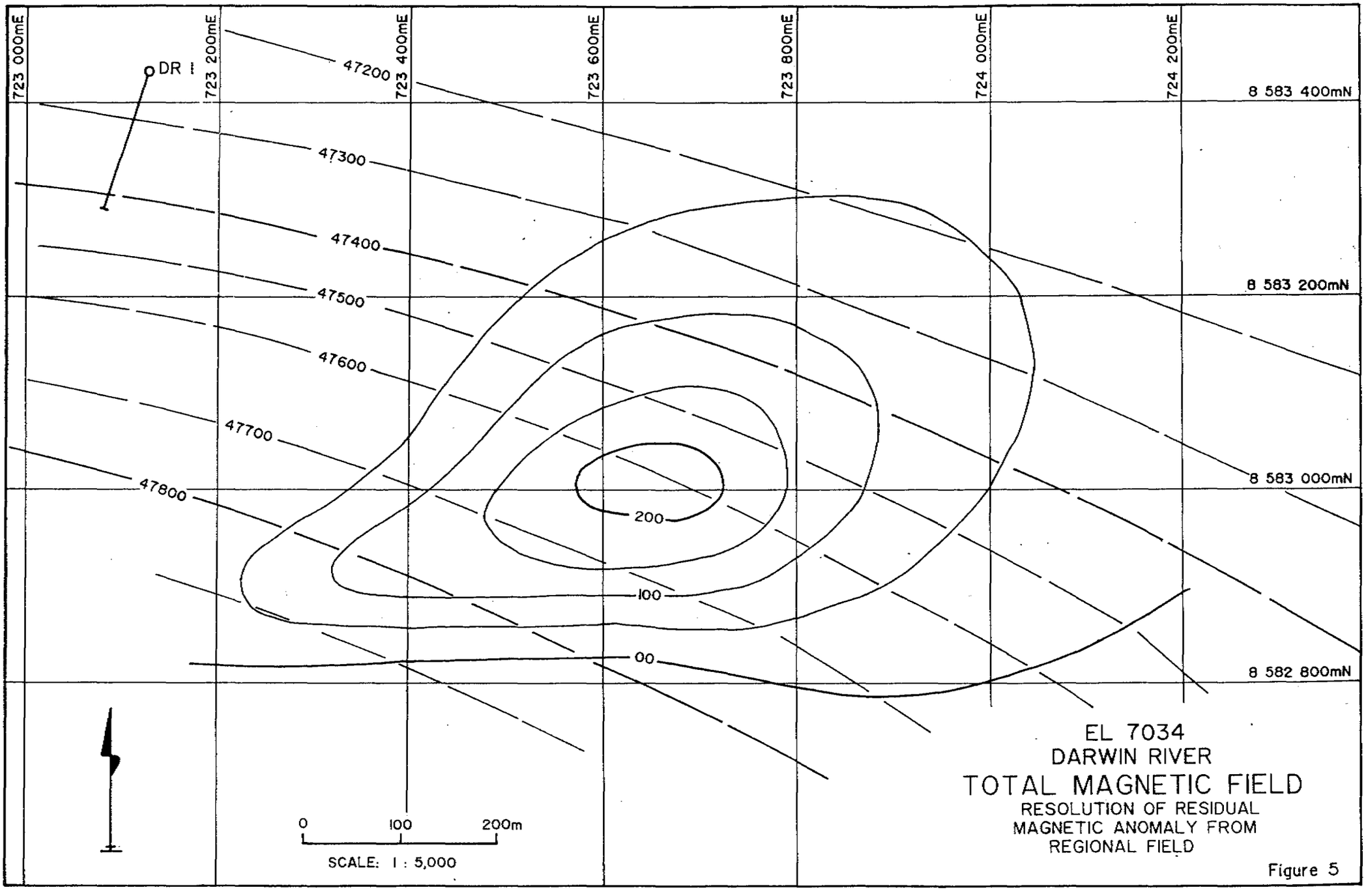

723 000mE
723 200mE
723 400mE
723 600mE
723 800mE
724 000mE
724 200mE
8 583 400mN
8 583 200mN
8 583 000mN
8 582 800mN
DR
47200
47300
47400
47500
47600
47700
47800
200
100
00
0
100
200m
SCALE: 1 : 5,000
EL 7034
DARWIN RIVER
TOTAL MAGNETIC FIELD
RESOLUTION OF RESIDUAL
MAGNETIC ANOMALY FROM
REGIONAL FIELD

Figure 5

Diamond Drilling and Water Bore

One diamond drillhole (DR1) and supporting water borehole were drilled (Figure 4, Location) to test anomalous Pb (1284ppm) and Zn (1363ppm) geochemistry and provide structural and stratigraphic information.

The water borehole was drilled to supply water for diamond drilling. The vertical hole went to a depth of 60m and was geologically logged (Appendix 4). No sampling was conducted.

The NQ sized diamond drillhole was drilled to intersect peak geochem below a depth of 80m (below oxidation) and was extended to a total depth of 252m due to low confidence in local dips. Precollar extended to a depth of 54m on a bearing of 198° with a dip of 60°S.

The precollar and diamond core were geologically and structurally logged (Appendix 5) 13 geochemical samples were collected (Appendix 5 for locations and Appendix 6 for assay results) and sent to Amdel labs in Darwin to be analysed for Au (Fire Assay) and Cu, Pb, Zn and As (AAS). Four core samples (Appendix 5 for locations, Appendix 7 for descriptions) were sent to Perth for inhouse petrological and mineralogical determination.

Geochemical sampling returned only low levels of Pb (max, 2430 ppm); Zn (max, 4410 ppm) and Cu (max, 220 ppm). Minor sulphide mineralisation was visible in core and after mineralogical and petrological investigation found to be stratiform pyrrhotite with minor chalcopyrite, sphalerite and pyrite. Mineralisation was found in a predominantly biotite schist parallel to slaty cleavage.

Mineralisation occurs above a sequence of limestone similar to other occurrences of stratiform mineralisation such as at Area 44 west of the Woodcutters Mine.

Two sets of cleavages were identified in core, one associated with regional and local folding and the other more horizontal set probably relates to the deformation resulting from the doming of the nearby Rum Jungle Complex.

7. GEOLOGY

Exploration licence 7034 lies on the northern margin of the Rum Jungle and Waterhouse basement complexes. These are overlain by clastic and dolomitic units, shales and calcareous shales of the Namoona Group.

Minor outcrops of Wildman Siltstone occur on the fringes of the prominent east-west trending ridge of Acacia Gap Quartzite along the southern boundary of the licence.

Koolpin Formation shales, siltstones and massive geothitic ironstone form lower outcrops along the northern slopes of the Acacia Gap Quartzite ridge. Outcrops of Gerowie Tuff have been mapped to the south east of the licence area (Crick 1983).

The north eastern corner of the licence area consists of low hills of suboutcropping Mount Bonnie and Burrell Creek Formation siltstones, shales and greywacke with northwest-southeast trending quartz veins.

The majority of the licence area is covered by Cainozoic sands, clays and laterite.

8. EXPENDITURE FOR YEAR TWO

The overall expenditure on EL 7034 for year two was as follows:

Consultants	$15,310
Salaries	$ 4,417
Drilling	$31,374
Vehicle & Equipment Hire	$ 2,820
Analysis	$ 8,107
Airfares	$ 1,178
Consumables	$ 234
Rent	$ 30
Administration (15%)	$ 9,520
TOTAL	$72,990

The expendiutre covenant for year two was $10,000.

9. PROPOSED WORK PROGRAMME AND BUDGET FOR YEAR THREE

The proposed work programme for year three is as follows:

1. Investigate and interpret all geophysical surveys conducted over the area (both company and government surveys) with particular emphasis on magnetics.

2. Extend present ground magnetic survey to locate anomalies directly related to the thickening of sulphide mineralisation.

3. Surface investigation of significant magnetic anomalies. Work could possibly consist of infill ground magnetics, rock and/or soil sampling, mapping and costeaning or RAB drilling if required.

4. The magnetic anomaly east of DR-1 is covered by alluvium and requires costeaning for further investigation.

The estimated expenditure for this programme is $6000.00.

10. REFERENCES

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Boots, M.K., 1990 B, A Final report on EL4775 for the area relinquished 27 July 1990. Compass Resources. *Department of Mines and Energy Library CR 90/612*

Crick, I.H., 1983, Noonamah 1:100 000 Geological Sheet (5172) and Explanatory Notes, BMR

Fordyce, I.R. 1988, Final report on EL 4775 for the twenty seven blocks relinquished at the end of the second year of tenure, CEGB Exploration Pty Ltd, *NT Department of Mines and Energy Library CR 88/340*

Grove, A.D., 1992, Annual Report for year one, EL 7034, Darwin River Project, 21/2/91 to 20/2/92. *Aztec Mining Company Limited company report*

Uranerz, 1981, Final report on EL 2159 Rum Jungle Area NT, covering the period 13 March 1980 to 12 March 1981, Uranerz Australia Pty Ltd, *NT Department of Mines and Energy Library CR 81/079*

APPENDIX 1

ANALYTICAL RESULTS FROM RAB DRILLING

ASSAYCORP PTY LTD
[illegible]
174 Ward Street, Pine Creek, N.T. 0847
P.O. Box 41, Pine Creek, N.T. 0847
Telephone [illegible]
Facsimile [illegible]

ASSAY CODE: AC 02567

Woodcutters Joint Venture

Distribution
Ian Butler

Client Reference: 11797
Project :
Cost Code:

Date Received: 08/05/1992
Number of Samples: 135

EL 7034/RAB 1992

Element	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Au	FA/AA	Accr. ± 10%	0.01	ppm
Ag	FA/AA	Accr. ± 15%	0.01	ppm
As	AAS/MIBK	Accr. ± 10%	# 2	ppm
Bi	AAS/MIBK	Accr. ± 10%	5	ppm
Cu	AAS/MIBK	Accr. ± 10%	2	ppm
Mo	AAS/MIBK	Accr. ± 10%	2	ppm
Pb	AAS/MIBK	Accr. ± 10%	2	ppm

Authorisation: Ray Wooldridge
Report Dated: 19/05/1992

ASSAYCORP PTY LTD
A.C.N. [illegible]
174 Ward Street, Pine Creek, N.T. 0847
P.O. Box 41, Pine Creek, N.T. 0847
Telephone (089) [illegible]
Facsimile (089) [illegible]

ASSAY CODE: AC 02567

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Co (ppm)	As (ppm)
567377	<0.01		43	10	26	<2	16
567379	<0.01	<0.01	43	31	32	<2	25
567381	<0.01		30	12	15	<2	16
567385	<0.01		34	12	48	<2	26
567386	<0.01		39	10	41	<2	23
567387	<0.01		61	33	183	31	56
567389	<0.01		56	<5	310	46	22
567392	<0.01		67	1550	284	5	94
567394	<0.01		54	69	40	3	52
567395	<0.01		43	31	37	<2	91
567398	<0.01		43	38	42	3	102
567400	<0.01		46	37	47	2	94
567401	<0.01		49	44	57	6	109
567404	<0.01		46	42	41	3	1[illegible]
567406	<0.01		36	32	19	<2	6[illegible]
567410	<0.01		42	27	35	<2	103
567414	<0.01		48	34	23	2	98
567418	<0.01		39	57	59	<2	49
567420	<0.01		33	544	153	5	22
567423	<0.01		57	31	50	4	78
567425	<0.01	<0.01	81	15	110	13	19
567426	<0.01		101	<5	120	21	37
567428	<0.01		46	62	115	2	26
567430	<0.01		44	15	36	<2	25
567433	<0.01		23	22	18	4	27

ASSAYCORP PTY LTD

174 Ward Street, Pine Creek, N.T. 0847

P.O. Box 41, Pine Creek N.T. 0847

Telephone (089) 76 1262

Facsimile (089) 76 1310

ASSAY CODE: AC 02567

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Co (ppm)	As (ppm)
567436	<0.01		18	25	45	3	13
567439	<0.01		18	20	41	5	8
567441	<0.01		43	18	55	<2	34
567443	<0.01	<0.01	57	16	39	<2	46
567445	<0.01		18	21	170	<2	10
567447	<0.01		10	9	24	<2	6
567449	<0.01	<0.01	14	24	27	<2	6
567452	<0.01		24	21	34	<2	21
567455	<0.01		30	22	35	3	45
567457	<0.01		39	253	85	<2	28
567458	<0.01		37	34	44	<2	50
567459	<0.01		16	36	20	<2	62
567460	<0.01		6	9	14	<2	21
567463	<0.01		23	38	57	11	12
567465	<0.01		14	45	46	2	6
567468	<0.01		65	32	70	25	74
567471	<0.01		36	33	136	4	40
567472	<0.01	<0.01	31	49	101	<2	25
567474	<0.01		18	14	81	5	11
43 567477	<0.01		27	62	43	6	36
44 567480	<0.01		27	40	32	3	59
45 567483	<0.01		31	143	477	14	63
46 567485	<0.01		20	92	118	<2	12
47 567489	<0.01		82	786	1005	10	49
48 567491	<0.01		14	43	[illegible]	<2	11

ASSAYCORP PTY LTD
174 Ward Street, Pine Creek, N.T. 0847
P.O. Box 41, Pine Creek, N.T. 0847
Telephone (089) 76 1261
Facsimile (089) 76 1310

ASSAY CODE: AC 02567

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Co (ppm)	As (ppm)
567494	<0.01		32	38	114	3	22
567497	<0.01		35	40	54	<2	47
567499	<0.01	<0.01	40	42	32	4	82
567502	<0.01		36	48	16	3	35
567504	<0.01		46	45	58	<2	107
567507	<0.01		28	14	39	2	54
567510	<0.01		17	36	110	<2	23
567513	<0.01		15	103	272	3	11
567516	<0.01		20	22	40	<2	37
567518	<0.01		42	42	32	2	83
567521	<0.01		36	32	34	<2	82
567524	<0.01		55	35	42	<2	95
567527	<0.01		37	33	34	<2	88
567530	<0.01	<0.01	30	14	75	2	38
567533	<0.01		17	20	17	<2	23
567536	<0.01		27	819	85	<2	32
567539	<0.01		20	23	17	<2	30
567542	<0.01		27	68	104	2	36
567545	<0.01		45	42	40	<2	80
567548	<0.01		44	57	66	<2	64
567550	<0.01		46	56	43	3	77
567553	<0.01		35	61	32	3	83
567556	<0.01		31	17	119	4	27
567558	<0.01	<0.01	49	64	44	2	39
567561	<0.01		25	21	16	<2	24

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Telephone (089) 76 [illegible]262
Facsimile (089) 76 [illegible]

ASSAY CODE: AC 02567

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Co (ppm)	As (ppm)
567562	<0.01		47	61	30	4	78
567564	<0.01		45	73	31	<2	99
567566	<0.01		50	67	36	<2	102
567569	<0.01		38	32	32	<2	56
567572	<0.01		39	45	29	3	78
567575	<0.01		32	61	54	3	122
567578	<0.01		28	19	90	<2	24
567581	<0.01		28	<5	51	5	24
567584	<0.01		52	49	40	<2	113
567587	<0.01	<0.01	57	54	41	<2	95
567590	<0.01		37	30	30	<2	45
567593	<0.01		45	49	34	<2	76
567596	<0.01		50	68	40	<2	82
567599	<0.01	<0.01	53	76	135	9	63
567602	<0.01		100	91	193	10	43
567605	<0.01		33	88	29	<2	52
567608	<0.01		13	12	25	<2	12
567611	<0.01		37	87	93	4	25
567614	<0.01		273	92	204	<2	36
567617	<0.01		30	65	227	4	45
567619	<0.01	<0.01	36	76	117	<2	40
567622	<0.01		30	84	619	5	18
567625	<0.01		45	188	242	9	21
567628	<0.01		39	45	70	4	12
567630	<0.01		18	29	97	5	18

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Telephone (089) 76 1262
Facsimile (089) 76 [illegible]

ASSAY CODE: AC 02567

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Co (ppm)	As (ppm)
567633	<0.01		39	44	79	5	27
567636	<0.01		25	13	44	<2	19
567639	<0.01	<0.01	27	9	51	<2	17
567640	<0.01		38	55	80	<2	38
567643	<0.01		43	406	14	<2	36
567645	<0.01		41	103	106	<2	60
567646	<0.01		37	112	56	<2	52
567649	<0.01		19	249	43	<2	8
567651	<0.01		59	60	79	19	19
567654	<0.01		48	96	124	9	12
567657	<0.01		19	29	100	11	41
567660	<0.01		28	36	36	4	16
567663	<0.01		24	29	27	<2	6
567664	<0.01		44	94	45	23	25
567665	<0.01		26	91	21	15	16
567666	<0.01		51	52	79	3	45
567667	<0.01		44	106	25	<2	77
567668	<0.01		33	65	75	<2	38
567669	<0.01		40	181	52	2	52
567672	<0.01		59	59	124	21	28
567675	<0.01	<0.01	25	19	20	<2	9
567677	<0.01		24	23	22	2	36
567681	<0.01		14	16	18	<2	11
567684	<0.01		23	39	20	2	12
567687	<0.01		13	43	91	2	4

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Telephone (089) 76 1262
Facsimile (089) 76 1372

ASSAY CODE: AC 02567

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Co (ppm)	As (ppm)
567690	<0.01		10	62	60	<2	8
567693	<0.01	<0.01	23	72	50	9	10
567694	<0.01		29	25	64	3	28
567695	<0.01		36	194	32	<2	[illegible]
567696	<0.01		33	169	74	4	[illegible]
567699	<0.01		22	46	13	<2	27
567700	<0.01		25	62	22	<2	39
567703	<0.01	<0.01	17	36	11	<2	9
567706	<0.01		16	14	18	2	17
567709	<0.01		14	17	13	<2	7

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13 JUL 1992

ASSAY CODE: AC 03083

Woodcutters Joint Venture

Distribution
R Berthelsen

Client Reference: 037424
Project :
Cost Code:

Date Received: 01/07/1992
Number of Samples: 93

Sample Preparation

EL 7034 - RAB DRILLING

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Au	FA50	Acc. ± 15%	0.01	ppm
Au(R)	FA50	Acc. ± 15%	0.01	ppm
Cu	AAS/MA-3	Prec. ± 10%	2	ppm
Pb	AAS/MA-3	Prec. ± 10%	2	ppm
Zn	AAS/MA-3	Prec. ± 10%	2	ppm
Co	AAS/MA-3	Prec. ± 10%	2	ppm
As	AAS/MA-3	Prec. ± 10%	2	ppm

Authorisation: Ray Wooldridge
Report Dated: 09/07/1992

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P.O. Box 41, Pine Creek, N.T. 0847
Telephone (089) 76 1262
Facsimile (089) 76 1310

ASSAY CODE: AC 03083

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Co (ppm)	As (ppm)
568304	--	--	29	34	76	3	14
568305	--	--	20	48	46	6	19
568307	--	--	97	1284	1363	68	40
568308	--	--	43	342	66	<2	113
568310	--	--	23	68	77	<2	24
568312	--	--	21	144	41	<2	25
568314	--	--	35	55	52	3	14
568316	--	--	63	80	299	19	22
568318	--	--	21	10	15	<2	24
568320	--	--	73	74	39	18	53
568322	--	--	151	102	86	<2	103
568323	--	--	79	78	24	<2	61
568324	--	--	52	56	67	<2	40
568325	--	--	67	40	40	<2	33
568326	--	--	66	85	176	<2	47
568327	--	--	46	139	77	6	94
568328	--	--	20	36	492	<2	17
568329	--	--	18	39	551	<2	17
568332	--	--	23	265	182	7	7
568335	--	--	34	41	159	3	13
568338	--	--	42	27	107	11	15
568341	--	--	20	29	63	6	12
568344	--	--	23	<2	116	9	66
568347	--	--	18	5	56	2	23
568350	--	--	14	52	127	4	25

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ASSAY CODE: AC 03083

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Co (ppm)	As (ppm)
568353	--	--	38	101	84	9	97
568356	--	--	12	16	44	<2	10
568359	--	--	43	109	169	3	17
568362	--	--	31	36	33	<2	63
568365	--	--	25	27	121	8	37
568368	--	--	27	180	131	3	49
568371	--	--	21	28	75	14	40
568374	--	--	16	29	74	6	22
568377	--	--	12	15	129	<2	13
568379	--	--	30	54	26	<2	40
568382	--	--	29	37	102	11	47
568385	--	--	25	22	46	2	36
568388	--	--	15	26	67	<2	19
568391	--	--	37	51	82	6	63
568394	--	--	74	456	331	23	59
568396	<< Sample destroyed >>						
568398	--	--	25	36	99	2	19
568400	--	--	14	30	48	2	3
568403	--	--	16	18	42	6	2
568406	--	--	13	91	89	<2	7
568407	--	--	23	10	365	8	16
568410	--	--	41	104	241	<2	26
568411	--	--	26	74	203	10	44
568413	--	--	44	48	262	9	42
568415	--	--	32	111	69	10	39

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ASSAY CODE: AC 03083

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Co (ppm)	As (ppm)
568478	--	--	31	5	46	6	10
568480	--	--	33	<2	36	<2	17
568483	--	--	16	29	22	<2	16
568485	--	--	52	26	69	17	14
568487	--	--	27	7	73	32	14
568489	--	--	32	64	65	10	13
568491	--	--	29	3	41	10	16
568494	--	--	23	<2	65	19	14
568497	--	--	18	<2	24	3	9
568499	--	--	57	79	77	13	16
568501	--	--	35	6	68	21	21
568503	--	--	26	<2	38	10	14
568504	--	--	58	451	142	21	24
568507	--	--	22	11	33	18	13
568509	--	--	22	4	21	26	11
568510	--	--	43	25	69	15	16
580299	<0.01	<0.01	186	12	172	14	73
580300	<0.01	<0.01	349	<2	548	22	52

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21 Marjorie Street, Berrimah, Northern Territory
Postal Address : P.O. Box 58, Berrimah, N.T. 0828
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Woodcutters Mine
P.M.B. 60
Winnellie

N.T. 0821

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29 JUL 1992

ANALYSIS REPORT :

Your Reference	: 037602 D/S 11826	Our Reference	: 2DN0734
Samples Received	: 10/07/92	Results Reported	: 13/07/92
Number of Samples	: 26	Report Pages	: 1 to 1
		2DN0734A	: 1 to 1

This report relates specifically to the samples tested in so far as the samples supplied are truly representative of the sample source.

If you have any enquiries please contact the undersigned quoting our reference as above.

EL
Darwin River 7034
RAB 1992

Report Codes:
N.A. -Not Analysed
L.N.R. -Listed But Not Received
I.S. -Insufficient Sample

Approved Signature:

for

ALAN CIPLYS
Manager - Darwin
CLASSIC LABORATORIES

amdel

Job: 2DN0734
O/N: D/S 11826

Final

ANALYTICAL REPORT

SAMPLE	Cu	Pb	Zn
568602	34	47	49
568604	29	42	24
568606	10	14	11
568607	6	6	6
568609	14	55	30
568610	7	19	22
568611	60	67	57
568612	52	26	63
568613	22	86	73
568615	15	82	34
568616	15	86	30
568618	34	280	27
568619	42	210	35
568621	19	48	13
568622	21	52	20
568625	16	11	13
UNITS	ppm	ppm	ppm
DET.LIM	1	2	1
SCHEME	AAS2M	AAS2M	AAS2M

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Woodcutters Mine
P.M.B. 60
Winnellie

N.T. 0821

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29 JUL 1992

ANALYSIS REPORT :

Your Reference	: 037623 D/S 11828	Our Reference	: 2DN0746
Samples Received	: 13/07/92	Results Reported	: 15/07/92
Number of Samples	: 53	Report Pages	: 1 to 2

This report relates specifically to the samples tested in so far as the samples supplied are truly representative of the sample source.

If you have any enquiries please contact the undersigned quoting our reference as above.

EL 7034 RAB
EL 7034 R Chips

EL 7670 RAB

Report Codes:
N.A. -Not Analysed
L.N.R. -Listed But Not Received
I.S. -Insufficient Sample

Approved Signature:

for

ALAN CIPLYS
Manager - Darwin
CLASSIC LABORATORIES

amdel

Job: 2DN0746
O/N: D/S 11828

Final

ANALYTICAL REPORT

RAB EL7034

SAMPLE	Cu	Pb	Zn
568627	23	21	86
568629	7	8	5
568630	13	8	21
568632	25	31	59
568633	17	54	46
568635	49	21	730
568636	92	640	680
568639	44	310	430
568640	L.N.R.	L.N.R.	L.N.R.
568641	35	125	135
568644	9	36	51
568645	L.N.R.	L.N.R.	L.N.R.
568647	34	82	230
568649	23	47	140
568652	22	33	89
568655	29	75	120
568657	42	18	48
568659	34	78	59
568661	45	66	155
568663	71	28	230
568665	94	130	260
568667	43	60	160
568669	42	86	195
568670	51	87	60
568672	29	50	66
568674	14	28	42
568676	20	30	115
568678	16	17	76
568680	23	72	220
568682	70	840	210
568684	55	53	230
568686	24	29	60
568688	54	270	82
568690	100	150	1040
568692	34	52	145
568693	77	69	170
568695	25	38	76
568696	24	31	23
568697	41	79	53
568699	34	110	64
568701	23	54	51
568704	17	36	72
568707	28	59	56
568710	28	66	105
568713	55	155	81
568715	63	120	175
568718	74	155	83
568722	26	31	22
568725	31	36	44
568728	17	22	14
UNITS	ppm	ppm	ppm
DET.LIM	1	2	1
SCHEME	AAS2M	AAS2M	AAS2M

amdel

Job: 2DN0746
O/N: D/S 11828

Final

ANALYTICAL REPORT

SAMPLE	Cu	Pb	Zn	[redacted]
568731	18	54	15	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	

UNITS	ppm	ppm	ppm
DET.LIM	1	2	1
SCHEME	AAS2M	AAS2M	AAS2M

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Woodcutters Mine
P.M.B. 60
Winnellie

N.T. 0821

ANALYSIS REPORT :

Your Reference	: 037771 D/S 11832	Our Reference	: 2DN0765
Samples Received	: 18/07/92	Results Reported	: 21/07/92
Number of Samples	: 25	Report Pages	: 1 to 1

This report relates specifically to the samples tested in so far as the samples supplied are truly representative of the sample source.

If you have any enquiries please contact the undersigned quoting our reference as above.

EL 7670 R/B → original
EL 7035 R/B → Resample

Report Codes:
N.A. -Not Analysed
L.N.R. -Listed But Not Received
I.S. -Insufficient Sample

Approved Signature:

for

ALAN CIPLYS
Manager - Darwin
CLASSIC LABORATORIES

578516	43	240	300	70
578517	72	350	590	160
578518	73	260	500	110
578519	51	150	350	50

EL 7034

~~[illegible]~~

RAB Resampling
22900N
24300E

UNITS	ppm	ppm	ppm	ppm
DET.LIM	1	2	1	20
SCHEME	AAS2M	AAS2M	AAS2M	AAS2M

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26 JUN 1992

ASSAY CODE: AC 02942

Woodcutters Joint Venture

Distribution
R.Berthelsen

Client Reference: 11802
Project :
Cost Code: 037074

Date Received: 16/06/1992
Number of Samples: 41

Sample Preparation

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Cu	AAS/MA-3	Prec. ± 10%	2	ppm
Pb	AAS/MA-3	Prec. ± 10%	5	ppm
Zn	AAS/MA-3	Prec. ± 10%	2	ppm
Co	AAS/MA-3	Prec. ± 10%	2	ppm
As	AAS/MA-3	Prec. ± 10%	2	ppm

7034 - Resample of RAB drilling.

Authorisation: Ray Wooldridge
Report Dated: 24/06/1992

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Facsimile (089) 76 1310

ASSAY CODE: AC 02942

Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Co (ppm)	As (ppm)
580251	52	144	70	19	93
580252	52	277	71	16	92
580253	33	651	56	<2	41
580254	37	2211	112	2	39
580255	28	361	81	<2	37
580256	27	159	74	<2	45
580257	43	56	26	14	80
580258	58	55	22	17	51
580259	65	67	31	16	73
580260	86	303	36	29	43
580261	48	161	33	6	22
580262	58	147	51	6	45
580263	73	865	246	8	117
580264	69	832	257	9	102
580265	108	6150	920	17	198
580266	71	104	33	28	63
580267	132	376	66	21	56
580268	186	199	55	10	43
580269	217	127	108	9	39
580270	346	196	246	4	54
580271	166	100	71	<2	42
580272	41	58	105	8	53
580273	29	52	57	<2	22
580274	83	282	48	8	91
580275	56	406	16	<2	37

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ASSAY CODE: AC 02942

Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Co (ppm)	As (ppm)
580276	44	544	42	2	52
580277	43	528	19	3	38
580278	36	306	11	<2	28
580279	58	346	17	2	49
580280	61	251	121	19	135
580281	42	92	56	4	39
580282	33	79	127	4	42
580283	38	230	50	18	115
580284	36	106	46	6	43
580285	28	221	42	17	42
580286	32	94	63	4	16
580287	31	152	69	3	9
580288	14	234	42	2	5
580289	10	299	29	<2	3
580290	33	143	37	11	81
580291	36	237	29	6	72

APPENDIX 2

LOG SHEETS FROM RAB DRILLING

Aztec Mining Company Limited — SAMPLE INFORMATION — Sheet — 1 : 250,000 sheet

Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
		Base Metal Lat Anomaly	EL7034 Darwin Rv			

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	ADG	04 05 92

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
567376	83000N	23200E	DRv.1	0	2	Dk Red/Brown w Ssm
						lt grey w Ssm
377				2	3	" "
	82950N	23200E	DRv.2	0	2	Dk Red lat w Ssm + minor Qtz
						Grey Brown Int w Ssm
					3	" "
567380	82900N	23200E	DRv.3	0	2	Dk Red Int w Ssm
						" "
					3	Grey Brown Int w Ssm
	82850N	23200E	DRv 4	0	2	lt Red Brown w Ssm
						" " slightly Ferrug Ssm
					3	Cream Brown " "
	82800N	23200E	DRv 5	0	2	Reddish Brown w Ssm
						" "
567385					3	Creamy w Ssm
	82750N	23200E	DRv 6	0	2	creamy Brown w Ssm
						Creamy w Ssm & Brown Cherty Frags
	82700N	23200E	DRv 7	0	2	Rd Brown w Ssm, Qtz chips + Clays
						Creamy Brown Clay + lrge Qtz Frags
				2	4	" " w minor Ferrug Sm F
				4	6	lt Brown Clays " " Clays + Int Reddish Slst
567390	83000N	23400E	DRv.8	0	2	Red Brown Clays w w Ssm
						" " Clays
				2	4	" Clays w minor w Ssm + Q
92				4	6	Creamy Brown Clays + Int w Ssm slight
—	82950N	23400	DRv 9.	0	2	Dk Red Brown Clays + minor Int w Ssm
						Int w Ssm
					3	Red Brown Int w Ssm
567395	82900	23400	DRv 10	0	2	Red Brown Int w Slst + Qtz
						↓ ↓
					3	↓ ↓
	82850	23400	DRv 11	0	2	Red Brown Int w Slst, Qtz
						↓ w Ferrug Slst
					3	↓ + Qtz
	82800	23400	DRv 12	0	2	↓
567400					3	Int w Slst + minor Qtz

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

Aztec Mining Company Limited

SAMPLE INFORMATION

Sheet

1 : 250,000 sheet

Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			EL 7034			

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	H	0 4 0 5 9 2

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
567401	82750	23400	DRV 13	0	2	Dk Red Brown Clays ± Ferrug mott
					3	Int w Slst
	82700	23400	DRV 14	0	2	Clays + minor slightly Slst "
					3	w Slst + Qtzite
567405	83000	23500	DRV 15	0	2	Grey Brown Clays Dk Red Brown Int w Slst
					3	Brownish Int w Slst (Deformed)
	82950	23500	DRV 16	0	2	Brown Black Clays + lat peseliths Rd Brown Qtz, Ferrug Slst ± w Slst
					3	" Sil w Slst
	82900	23500	DRV 17	0	2	Red Brown Rounded lat frags " Qtzite ± Ferrug Slst
567410					3	" Ferrug Sil Slst
	82850	23500	DRV 18	0	2	" Ferrug Slst " w Slst
					3	" w Slst + minor Qtzite
	82800	23500	DRV 19	0	2	" Rounded Ferrug Slst
					3	" w Slst
567415	82750	23500	DRV 20	0	2	Dk Red Brown w Slst ± Qtzite Red Brown Ferrug Slst ± Qtzite
				2	4	" Qtz, Qtzite & w Slst Clays + w Slst
				4	6	Lt Brown Clays "
				6	8	Creamy Wht clays " "
				8	10	" "
567420				10	12	" " Brown Clays ± minor Int w Slst
	82700	23500	DRV 21	0	2	Red Brown Silrich — lat Qtz " "
				2	4	" Qtz, WSsm, w Slst Qtz ± w Slst
				4	6	" Clay (white clay) Red derived from Slst - minor fabric
				6	8	Brown Red " " Brown Clays
567425				8	10	Brown white Clays ± Int w Slst " v Int w Slst

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

Aztec Mining Company Limited

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Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			EL 7034			

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	H	04 05 92

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
567426	82700	23600	DRv.21	10	12	Brown - V Int w Slst
	83000	23600	DRv 22	0	2	Red Brown Clays + w Slst
					3	Cream Clays + w Slst
					3	Cream "
	82950	23600	DRv 23	0	2	Rd Brown lat peg
						" w Sst/Slst
567430					3	creamy Slst (Dk Black)
	82900	23600	DRv 24	0	2	Red Brown Qtz + lat peg
						" lat cap w slst
				2	4	" Creamy Red Clay (white)
						" Clay
				4	6	Creamy Clay + Int w Slst
	82850	23600	DRv 25	0	2	Red Brown Clay + lat peg
						" & W lat
567435				2	4	Creamy Brown "
				4	6	Creamy Clay & minor V Int w Slst
	82800	23600	DRv 26	0	2	Red Brown Clay + lat peg
						Creamy Grey Clays
				2	4	" Clays
						Clays + Int w Slst
				4	6	Gray Clays + Int w Slst
567440	~~82750~~ 83000	~~23600~~ 23700	DRv 27	0	2	Yellow Brown w Slst
						Creamy Brown Slst
					3	" "
	82950	23700	DRv.28	0	2	Red Brown Qtz & w Slst
						Brown Slst
					3	"
	82900	23700	DRv 29	0	2	Red Brown w lat peg
						" " + w Slst
567445					3	Cream White Sst/Slst
	82850	23700	DRv 30	0	2	Red Brown Clays + minor Qtz
						Grey Clays + w Slst
					3	creamy w Slst
	~~82~~ 82800	23700	DRv 31	0	2	Red Brown Soil Qtz + lat
						Creamy V Int w Slst
					3	" " "
567450	82750	23700	DRv 32	0	2	Dk Red Clays + lat
						" Clays

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

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Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			EL7034			

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	H	0 4 0 5 9 2

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
567451	82750	23700	DRV32	2	4	Creamy Brown Clays QTz & rounded sil.
				4	6	Creamy Brown Clays & v lnt w Slst
	82712 ~~82700~~	23700	DRV33	0	2	Dk Red Brown Qtzite, ferrug Slst
				2	4	Clays + Ferrug QTz
567455				4	6	Green Brown Clays + V lnt w Slst
	83000	23800	DRV34	0	2	Red Brown w Slst
				2	3	Barren QTz QTz & w Slst
	82950	23800	DRV35	0	2	Red Brown w Slst lt Brown
	82900	23800	DRV 36	0	2	Dk Red lat, Clay & Ferrug Slst Red Brown Clays + w Slst
567460				2	3	Creamy Clays & light w Slst
	82850	23800	DRV37	0	2	Red Brown Clays & lat Grey Brown minor lal
				2	4	Grey Clays minor Clays w minor V lnt w S
				4	6	Gray green Clays w QTz Clays w v lnt w Slst
	82800	23800	DRV38	0	2	Dk Red Clays Red Brown w minor Qtz
567465				2	3	Creamy w Slst
	82750	23800	DRV39	0	2	Red Clay + lat w ferrug Slst, w lat
				2	4	Clay o w lat, Qtzites ferrugs
				4	6	Green Grey Int w Slst + Clay
	82705 ~~82~~	~~82~~3800	DRV40	0	2	Dk Red Clay QTz & lat pcs + Qtzit QTz, Ferrug Slst & Qtzite
567470				2	4	Grey Green Int w Slst
				4	6	Creamy w Slst
	83000	23900	DRV 41	0	2	Creamy Brown Ferrug slat lat
	82950	23900	DRV 42	0	2	w Slst
					3	w Slst
567475	82900	23900	DRV 43	0	2	Red Brown Clays + lat pcs Clays + w Slst + Qtz

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

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Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			EL 7034			

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analytical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	H	04 05 92

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
567476	82900	23900	DRV 43	2	4	Brown Clay, Qtzite, wSlst, Qtz, lat pa
				4	6	lt Brown Clay Intw Slst
						Green Brown vInt w Slst
						Red Brown vInt w Ferrug Slst
	82850	23900	DRV 44	0	2	Dk Red Clay w minor lat
						" " w Ferrug Slst
				3.2m water		
				2	4	Red sandy Clay, w lat, Qtz, wSlst
567480						Red Grey Qtz, Clay wSlst
				4	6	Grey vInt w Slst
	82800	23900	DRV 45	0	2	Dk Red soil lat + Qtz Ferrug
						" " " " +wSlst
				3 water		
				2	4	Brown Clay Ferrug Slst Qtz
				4	6	Greenish Brown vInt w Slst
	82755	23900	DRV 46	0	2	Dk Red Sandy, Ferrug Slst, lat
	82755					Grey Green w Slst
567485				2	3	" "
5/5/92						
	83050	23900	DRV 47	0	2	lat 0-1, wSlst-foliated-fine #1-2
				2	4	w Slst - fg ferug.
488				4	6	4-5 w Slst, 5-6 grangrey
	83100N	23900E	DRV 48	0	2	lt orange lat w Slst.
567490				2	4	lt orange w Slst.
491				4	6	lt or w Slst, gran clay.
13	83150N	23900E	DRV 49	0	2	ro lat w Slst.
Bag				2	4	lt or/grey w Slst
494				4	6	ro w Slst.
567495	83200N	23900E	DRV 50	0	2	ro lat, weath Slst.
				2	4	2-3 w Slst, 3-4 lt grey clay.
497				4	6	lt grey clay (w qtzite)
	83250N	23900E	DRV 51	0	#1	r lat-soil
499				1	#3	grey w Slst.
567500	83300N	23900E	DRV 52	0	2	r/grey soil w Slst.

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

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Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			EL 7034			

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analytical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	RRB	050592

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
567526	83350	23800	DRV 61	2	4	or clay, min qtz.
14 527				4	6	H grey orange clay w slst.
82	83400	23800	DRV 62	0	2	ro clay
				2	4	ro clay w slst. min qtz.
67530				4	6	ro clay w slst.
	83050	23700	DRV 63	0	2	ro clay
				2	4	ro clay w slst.
533				4	6	H grey clay, spongy.
	83400	23675	DRV 64	0	2	lat, sand clay.
567535				2	4	H or w slst - clay.
536				4	6	grey w slst. - clay
	83150N	23675E	DRV 65	0	2	RO lat - fawn slst
				2	4	H O clay w slst.
539				4	6	grey, clay w slst
567540	83200N	23700E	DRV 66	0	2	RO lat clay.
16				2	4	O clay w slst
542				4	6	O clay w slst.
Berg	83250	23700E	DRV 67	0	2	lat clay.
				2	4	fawn qtzite/sst.
567545				4	6	fawn qtzite/sst. water.
	83300	23700E	DRV 68	0	2	lat - clay
				2	4	ro vein qtz w qtz sst.
548				4	6	ro fawn w qtz/sst.
	83350	23700	DRV 69	0	2	lat - clay
567550				2	3	fresh grey qtzite

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

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Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			EL 7034			

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	RRB	05 05 92

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
567551	83650	23700	DRV 70	0	2	RO lat - clay
				2	4	RO clay - w clay - gray -
Bag 15 553				4	6	R clay
	83450	23700	DRV 71	0	2	ro lat, water, clay.
567555				2	4	ro w Slst.
554				4	6	ob w Slst.
15	83050	23600	DRV 72	0	2	OR lat clay
558				2	4½	RO sw silic slst/ssm.
	83100	23600	DRV 73	0	2	r lat clay w Ssm.
567560				2	4	r clay w Ssm
561				4	6	ro clay w Ssm
16 562	83150	23600	DRV 74	0	2½	ro lat clay - fresh gtzito
Bag	83200	23600	DRV 75	0	2	ro lat, w Sst clay
564				2	4	ro clay w Sst, gtzito at bottom
567565	83250	23600	DRV 76	0	2	ro clay lat w sst.
566				2	4	ro clay w Sst, gtzito at base.
	83300	23600	DRV 77	0	2	ro clay lat.
				2	4	ro clay, gray clay w Ssm
569				4	6	cream clay w Ssm/Slst.
567570	83350	23600	DRV 78	0	2	rb soil, clay lat.
				2	4	ro clay w Sst - vein qtz.
572				4	6	oy clay ~~to~~ cream clay w Ssm.
	83400	23600	DRV 79	0	2	ro clay
				2	4	ro clay
567575				4	6	yo clay w Slst.

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

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Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			EL 7034			

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	RAB	0 6 0 5 9 2

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
567601	83350	23500	DRV 88	2	4	yellow grey clay
602				4	6	yellow grey clay - w dolo/slst.
	83400	23500	DRV 89	0	2	RB lat. clay.
				2	4	RO clay vein qtz,
567605				4	6	yellow orge clay w dol/slst
	83450	23500	DRV 89	0	2	lt sandy, clayey soil
				2	4	orange clay.
608				4	6	red clay
	83500	23500	DRV 90	0	2	sandy lt soil/clay.
567610				2	4	brown slst/shale.
611				4	6	brown slst/shale.
	83050	23400	DRV 92	0	2	R lat clay.
				2	4	mottled clay
614				4	6	grey slst.
567615	83100	23400	DRV 93	0	2	RO lat clay
				2	4	Ltog clay
617				4	6	Ltogrey Slst.
	83150	23400	DRV 94	0	1	R/O lat clay.
609				2	3½	dk grey fresh shale/slst.
567620	83200	23400	DRV 95	0	2	RO clay soil.
				2	4	Ltogey w Slst clay
622				4	6	Ltogrey w Slst. clay
	83250	23400	DRV 96	0	2	RO clay
				2	4	OB w Slst. clay
567625	[illegible]	[illegible]	[illegible]	4	6	yO w Slst clay,

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

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Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			EL 7034			

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	RRB	060592

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
567626	83300	23400	DRV97	0	2	RO clay, sand
				2	4	cream clay, vein qtz.
628				4	6	W Slst, creamy clay, vein qtz.
	83350	23400	DRV98	0	2	Brown, red clay.
567630				2	4	BO w Slst, clay.
629	83400	23400	DRV99	0	2	RO w Slst, clay.
				2	4	Hgrey/cream Slst
Bag 633				4	6	cream w Slst clay
	83450	23400	DRV100	0	2	RO lat clay
567635				2	4	cream w Slst. clay.
636				4	6	cream w Slst clay
	83500	23400	DRV101	0	2	RO lat clay.
				2	4	Hyo w Slst
639				4	6	Hyo w Slst. 6/5
567640	83050	23200	DRV102	0	2	Qtz vein Silic Slst. 7/5
	83100	23200	DRV103	0	2	Horange w shale.
				2	4	Horange w shale.
643				4	6	Mod grey Shale.
	83150	23200	DRV104	0	2	Hor w shale/Slst.
567645				2	3	Hor w shale Hgrey - hard.
646	83200	23200	DRV105	0	2½	grey shale vein qtz.
649	83250	23200	DRV106	0	2	Br w slst/shale.
				2	4	Br w shale.
649				4	5	grn+brown sw slst/shale.
567650	83300	23200	DRV107	0	2	RB w shale.

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

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Record Type	Project Number	Project Name	Prospect Name	Prospect Code
			EL 7034	

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date DDMMYY
							RAB	RRB	070592

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
567651	83300	23200	DRV107	2	4	OG ferug w shale.
	83350	23200	DRV 108	0	2	RB w shale /Slst.
				2	4	GB w shale.
654				4	6	OB w shale, clay.
567655	83400	23200	DRV109	0	2	OB w shale/slst, clay. lat.
				2	4	RB w shale -, clay.
657				4	6	OB w shale/slst, clay.
	83450	23200	DRV110	0	2	RO lat c grey spongy clay.
				2	4	RO clay (+grey Slst)
567660				4	6	RO clay w Slst/shale dol?
	83500	23200	DRV111	0	2	O clay, lat w shale.
				2	4	grey clay, w grey shale/slst.
663				4	6	Dark red, ferugin, clay, shale
664	83000	23000	DRV 112	0	2	RO laterised Slst/shale. gossan? [illegible]
567665	83050	23000	DRV 113	0	3	Subcrop, OB shale. ferug.
666	83100	23000	DRV 114	0	1	Subcrop. greyshale ferug.
667	83150	23000	DRV115	0	3	grey shale - dolomite?
668	83200	23000	DRV116	0	2	grey shale.
669	83250	23000	DRV117	0	3	OG ferug shale.
567670	83300	23000	DRV 118	0	2	OB lat w shale.
				2	4	RB w shale.
672				4	6	RB ferug w Shale.
	83350	23000	DRV119	0	2	RO lat w shale.
				2	4	OB w shale.
567675				4	6	RB w Shale.

Bag 19 (567651–567663); Bag 20 (567664–567675)

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

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			EL7034			

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	RAB	07 05 91

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
567676	83400	23000	DRV 120	0	2	RO lat, w shale.
677				2	4	OB w shale
				4	6	RB w shale.
20	83450	23000	DRV 121	0	2	OR lat, clay.
567680				2	4	OB w shale.
Bag 681				4	6	RB w shale.
682	83500	23000	DRV 122	0	2	OR lat clay.
				2	4	RO clay, w shale vein qtz.
684				4	6	RB w shale.
567685	83000	22800	DRV123	0	2	O lat w shale.
				2	4	g/b w shale.
687				4	6	Hbr w shale?
	83050	22800	DRV124	0	2	yb w shale. clay.
				2	4	mottled white red clay
567690				4	6.	H br VW shale sist.
27	83100	22800	DRV 125	0	2	OR lat, shale frags.
Bag 693				2	4	HO vw shale.
693				4	6	Hob vw shale.
694	83150	22800	DRV126	0	2½	Subcrop & grey shale/sist
567695	83200	22800	DRV127	0	2½	subcrop grey shale/sist.
696	83250	22800	DRV 128	0	2½	Subcrop grey shale/sist.
	83300	22800	DRV 129	0	2	OR lat w shale.
				2	4	O w shale.
699				4	6	O w shale.
567700	83350	22800	DRV 130	0	43	RO lat shale, w shale; vein qtz

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

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Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			EL 7034			

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	RAB	07 05 92

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
567701	83400	22800	DRV 131	0	2	RO lat. sst/shale.
				2	4	Lt o/o w sst?
703				4	6	cream wgtz sst, clay.
	83450	22800	DRV 132	0	2	RO lat
567705				2	4	Ito clay - talcdal, spongy.
706				4	6	O clay - vein gtz. talc " "
	83500	22800	DRV 133	0	2	RO lat, clay.
				2	4	Ito clay, w sst, vein gtz.
709				4	6	cream orange clay w sst vein gtz.
567710						
567715						
567720						
567725						

st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

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*Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			HUANDOT			

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	MJH	25 06 92

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
568301	3200N	5200E	MD 131	1	2	BCLAY. B.W. SHALE + QTZ
302				2	3	BW. SHALE/SLST. VAR WHITE CLAY
	83000N	23100E		0	2	0 W SLST 26/6/92 EL7034
(1-3) 304				1	3	grey siltstone - FG sandstone.
568305	83050N	23100E		0	1½	Silicified SLST - 0 grey.
	83100N	23100E		0	1	W silic SLST.
307				2	3	Silic SLTS, vein qtz - boudans.
308	83150N	23100E		0	1½	SW silified SLTS.
	83200N	23100E		0	1	grey 0 W SLTS.
568310				1	3	1-0 W SLTS.
	83250N	23100E		0	1	0 W SLTS.
312				1	3	1 to 0 W SLTS.
	83300N	23100E		0	1	0 W SLTS.
314				2	3	1 to SW SLTS.
568315	83350N	23100E		0	1	0 W SLTS. mn vein qtz.
316				2	3	0 W clayey SLTS - soft, micu
	82400N	23300E		0	1	1 to 0 W SLST.
318				2	3	Siliceous SLST/[illegible]. - grey/org
	82950N	23300E		0	1	RO W SLST
568320				1	3	0 W SLST - [illegible]
	83000N	23300E		0	1	0 W SLTS.
322				1	3	g W SLTS.
323	83050N	23300E		0	2	RO W SLST & abundant vein qtz
324				2	4	white clay W SLST. vein qtz.
568325				4	6	4-5 white clay 5-6 purple grey SLST - limon

White. Assay Ledger — 2nd. Project File — 3rd. Geologist.

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Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			Darwin River	7034		

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analytical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							ZAB	RRB	26 06 92

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
568326	83100 N	23300 E		0	2	OB w SLST/shale. hard.
327	83150 N	23300E		0	2	OB w SLTS.
328				2	4	White lam SLST - clay.
329				4	6	lt Brown. laminated SLST
568330	83200 N	23300		0	2	O w SLTS.
				2	4	it o w SLTS.
332				4	6	O w SLTS. mn vein qtz
	83250N	23300E		0	2	O w SLTS.
				2	4	Pale w SLTS.
568335				4	6	lt O w SLTS.
	83300N	23300E		0	7	RO w SLTS.
				2	4	it o w SLTS.
338				4	6	RB w SLTS
	83350N	23300E		0	2	RO w SLTS.
568340				2	4	O VW SLTS.
341				4	6	O VW SLTS.
	83400N	23300E		0	2	RO w SLTS - lat.
				2	4	O VW SLST
344				4	6	O VW SLST.
568345	83450N	23300E		0	2	RO clay w sst.
				2	4	O W/SST.
347				4	6.	RB FG SST - sericite.
	83000N	24000E		0	2	lt grey 0-1 lt O 1-2 SLST.
				2	4	lt O w SLST
568350				4	6	grey/green w SLST

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

Aztec Mining Company Limited

SAMPLE INFORMATION

Sheet 1 : 250,000 sheet

Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			Damon River	7034		

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	RRB	26 06 92

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
568351	83050N	24000E		0	2	R clay
				2	4	RO w SST 30% grz. F-m grain
353	water			4	6	green/grey clay – w SST.
	83100N	24000E		0	2	O & cream clay
568355				2	4	cream clay + ~~SST~~
356				4	6	cream clay w SLST.
	83150N	24000E		0	2	RO clay w SLST.
				2	4	It O w SLST/shale.
359				4	6	O w SLST/shale.
568360	83200N	24000E		0	2	RO fine grain SST.
				2	4	O fine grain SST.
362				4	6	grey/green clay w SLST
	82950N	24000E		0	2	O ~~w SLST~~ clay
				2	4	Silicious SLST } water
568365				4	6	green silicious SLST. }
	82900N	24000E		0	2	O clay
				2	4	O clay.
368				4	6	cream clay w SLST.
	83050N	24100E		0	2	RO clay.
568370				2	4	greenish brown w SLST.
371				4	6	greenish brown. w SLST.
	83100N	24100E		0	2	RO clay
				2	4	O VW SLST
374				4	6	O green VW SLST
568375	83150N	24100E		0	2	O clay – lt

1st. Assay Ledger – 2nd. Project File – 3rd. Geologist.

Aztec Mining Company Limited

SAMPLE INFORMATION

Sheet 1 : 250,000 sheet

Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
									29 06 92

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
568426	8280N	24300E		0	2	RO lat w SLST.
427				2	6	lt B w SLST.
	8275ON	24300E		0	2	RB lat w SLST.
429				2	6	OB w SLST.
568430	8285ON	24300E		0	2	lt grey/orange SLST.
431				2	6	lt O/pink SLST.
	8270ON	24300E		0	2	R lat vein qtz - allumin
433				2	6	lt orange/brown
	8260ON	24300E		0	2	RO lat w SLST.
568435				2	6	br/grey w SLST.
	8265ON	24300E		0	2	RO lat
437				2	6	lt O/br w SLST.
	8270ON	24300E		0	2	RO lat
439				2	6	cream orange w SLST - limonite
568440	8275ON	24300E		0	2	RO clay w SLST
				2	4	greenish grey clay
442				4	6	O w SLST
	8280ON	24300E		0	2	RO clay
444				2	6	white & orange layers, w SLST.
568445	8285ON	24500E		0	2	RO clay, sandy
				2	4	O clay - sandy.
446 447				4	6	grey w SLST.
	8290ON	24500E		0	2	RO clay
				2	4	RO clay
568450				4	6	cream clay & w SLST.

t. Assay Ledger — 2nd. Project File — 3rd. Geologist.

Aztec Mining Company Limited

SAMPLE INFORMATION

Sheet 1 : 250,000 sheet

Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			Dawson River	7034		

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analytical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	RRB	29 06 92

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
568451	82950N	245005		0	2	RG clay.
				2	4	O clay w SLST.
453				4	6	Y w SLST.
	83000N	24500E		0	2	RO SST
568455				2	4	RO. SST.
456				4	6	grey/brown. SLST
	83050N	24600E		0	2	RO SST -qzt
				2	4	RO SST-qzt.
459				4	6	grey/brown SLST.
568460	83100N	24500E		0	2	RO SST-gravel.
				2	4	RO SST gravel.
462				4	6	grey SLST.
	83150N	24500E		0	2	RO sandy
				2	4	RO sandy.
568465				4	6	grey SLST.
	83200N	24500E		0	2	R clay-sandy.
				2	4	green+* lt O clay - vein qtz gravel.
~~466~~				4	6	~~grey~~ grey w clay.
469				6	9	lt brown w SLST.
568470	83800N	24650E		0	2	RO clay
				2	4	RB clay w SLST.
472				4	6	lt b clay w SLST.
	83750N	24650E		0	2	lt b clay w SLST.
				2	4	lt-O br w SLST
568475				4	6	lt O-br w SLST

. Assay Ledger — 2nd. Project File — 3rd. Geologist.

Aztec Mining Company Limited — SAMPLE INFORMATION — Sheet 1 : 250,000 sheet

Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
		Denison Range		7034		

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	RRB	28/06/92

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
568476	83700N	24650E		0	2	lt o clay w SLST.
477				2	6	lt o/r clay w SLST.
478	83650N	24650E		0	6	R0 clays + w SLST
	83650N	24750E		0	2	R0 lat
568480				2	4	lt o w SLST.
	83700N	24750E		0	2	R0 w SST.
				2	4	O w SST.
483				4	6	O w SST.
	83750N	24750E		0	2	O w clay w SLST.
568485				2	6	O w clay w SLST purple w SLST.
	83800N	24750E		0	2	lt o clay SLST.
487				2	6	How clay w SLST
	83800N	24850E		0	2	R - Green lat/clay
489				2	6	lt brown w SLST.
568490	83750N	24850E		0	1	O w SLST.
2-6 491				1	6	purple w SLST
	83700N	24850E		0	2	O w SLST
				2	4	O w SLST
494				4	6	purple SLST
568495	83650N	24850E		0	2	R0 clay w SLST
				2	4	lt o clay w SLST.
497				4	6	O w SLST.
	83850N	24850E		0	2	lt o/purple w SLST.
499				2	6	lt o w SLST.
568500	83900N	24850		0	2	lt o/purple clay

Assay Ledger — 2nd. Project File — 3rd. Geologist.

Aztec Mining Company Limited

SAMPLE INFORMATION

Sheet

1 : 250,000 sheet

Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y
									3 0 0 6 9

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
568501	83900N	24850E		2	6	lt purple / o clay w SLST
	83950N	24850E		0	2	lt o clay w SLST.
503				2	6	lt o clay w SLST.
2-4 504	83900N	24750E		0	6	lt o w ~~clay~~ SLST.
568505	83850N	24750E		0	2	lt o sand clay.
				2	4	green to clay w SLST.
507				4	6	O w SLST.
	83950N	24750E		0	2	O sand 1-2 purple SLST
509				2	4	purple SLST.
568510				4	6.	lt o clay vein qtz w SLST Ac
	9300N	10075E		0	2	CLAY Acacia
				2	4	OB CLAY ALLUVIAL?
				4	6.	OB CLAY
				6	~~8~~ 8	OB CLAY
568515				8	10	OB CLAY / WO SLST LBI
				18	12	" " " "
				12	14	" " " " U. DAMP
				14	16	HIT WATER TABLE SOME W SLS OBC LAY
568519				16	18	OB CLAY MORE HUMUS W GREY SLS
568520	9300	10100 ~~E~~ E		0	2	W SOIL + GRAVEL
				2	4	OB CLAY QTZ GRAVEL WPR SLS
522				4	6	W SLST / CLAY U. QT
	9300	10025E		0	1	B CLAY
				1	2	SOME W. SLST MOSTLY CL
568525				2	4	O CLAY WITH SLST

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

Aztec Mining Company Limited — SAMPLE INFORMATION — Sheet 1 : 250,000 sheet

Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			Darwin River 7034	7034		

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	RAB	0 9 0 7 9 2

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
568601	82900	22900		0	2	RO lat SLST.
602			T	2	4	cream w SLST.
				0	1	RO lat SLST.
604	82950N	22900E		1	3	RO lat SLST / cream SLST.
568605	83000N	22900E		0	2	RO lat SLST
606				2	4	pale o w SLST
607				4	6	cream SLST clay.
	83050N	22900E		0	1	RO lat SLST
609				1	3	cream bleached SLST
568610				3	5	cream white SLST clay
611	83100N	22900E		0	2	RO w SLST/lst
2-3 612	83150N	22900E		0	3	lt o/cream w SLST.
613	83200N	22900E		0	2	lt RO ferruginous massive SLST
	83250N	22900E		0	2	RO w SLST
568615				2	4	lt o, cream w SLST (mn sandy lys)
616				4	6	lt o w SLST.
	83300N	22900E		0	2	lt o w SLST.
618				2	4	lt o w SLST
619				4	6	lt purple w SLST.
568620	83350N	22900E		0	2	o w SLST.
621				2	4	lt o w SLST.
622				4	6	lt purple w SLST.
	83400N	22900E		0	2	RO w SLST.
				2	4	lt o FG sandy SLST - micaceous
568625				4	6	

st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

Aztec Mining Company Limited

SAMPLE INFORMATION

Sheet 1 : 250,000 sheet

Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			Darwin R	7034		

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	RRB	1 0 0 6 9 2

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
568626	82650N	24200E		0	2	RO lat + w SLST.
627				2	6	sandy micaceous SLST. light grey
	82700N	24200E.		0	2	RO lat
629				2	4	grey fg SST micro
568630				4	6	lt grey SLST. - sandy micaceous
	82750N	24200E		0	2	RO lat w SST/SLST
632				2	4	lt grey SLST/SST.
633				4	6	grey/grey SLST - micaceous
	82800N	24200E		0	2	OB soil w SST
568635				2	4	B w SST/SLST sqft.
636				4	6	lt o white clay - sandy.
	82850N	24200E		0	2	BO clay
				2	4	lt o silty clay.
639				4	6	lt o w ~~sandy~~ silty clay
568640	82900N	24200E		0	2	B w silicon SLST.
641				2	4	cream w silic SLST.
	82950N	24200E		0	2	lt b w SLST.
				2	4	white w SLST - micro.
644				4	6	white w ~~silic~~ SLST - micro
568645	83000N	24200E		0	2	RB w SLST.
				2	4	lt OB w SLST.
647				4	6	lt B w SLST. micro
	83050N	24200E		0	2	lt B w SLST
649				2	6	lt B w SLST micaceous.
568650						

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

Aztec Mining Company Limited — SAMPLE INFORMATION — Sheet 1 : 250,000 sheet

Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			Dameia R	7034		

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	RRB	1 0 0 7 9 2

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
568676	82650N	24600E		R	6	lt orang. w SLST
	82700N	24600E		0	2	RO lat w SLST vein qtz.
678				2	6	lt o w SLST - sandy
	82750N	24600E		0	2	RO o clay
568680				2	6	lt o w SLST - sandy.
	82800N	24600E		0	4	RO gravel - qtz ro qtz
682				4	6	O w SLST.
	82850N	24600E		0	4	RO gravel - qtz qtzite
59) 684				4	9	~~Kg~~ lt B w SLST.
568685	~~82900N~~ 82650N	~~24600E~~ 24700E		0	2	lt B w SLST
686				2	6	O w SLST.
	82700N	24700E		0	3	RO gravel qtz clay
688				3	5	gran grey w SLST
	82750	24700		0	4	RO clay, gravel
568690				4	6	O gray w SLST. gran clay.
	82800	24700		0	3	RO gravel
692				3	5	lt o clay w SLST.
693				5	9	to clay w SLST.
	82850	24700		0	5	R gravel, clay.
568695				5	9	lt o w SLST.
1-3 696	83200N	24600		0	3	R lat vein qtz w SLST.
1-3 697	83150N	24600		0	3	R lat vein qtz w SLST?
	83100N	24600		0	3	R clay vein qtz.
699				3	6	lt B clay, w SLST.
568700	83050	24600		0	3	RO clay

st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

Aztec Mining Company Limited

SAMPLE INFORMATION

Sheet

1 : 250,000 sheet

Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
							RAB	RRB	1 0 0 7 9 2

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
568701	83050	24600		3	6	H B w SLST -
~~703~~	83000	24600		0	~~3~~ B	LATERITIC CLAY RED QTZ CHIPS
				3	6	SAND + SLST.
704				5	9	GREEN SLST
568705	83950	24600		0	2	RO clay w slst/sst.
				2	4	RO clay w slst/sst.
707				4	6	grey w slst.
	83900	24600		0	2	B w slst
				2	4	RO clay w SLST vein qtz
568710				4	6	RO yellow clay w SLST
	~~83850~~ 900	24700		0	2	B soil/w slst
				2	4	RO clay w SLST vein qtz
713				4	6	cream SLST
	83950	24700		0	3	RO clay vein qtz
568715				3	6	brown grey w slst.
				~~4~~	~~6~~	
	83000	24700		0	4	RO clay vein qtz
718				4	6	y b w SLST
				~~4~~	~~6~~	
568720	83050	24700		0	2	RO clay
				2	4	O clay
722				4	6	O + white clay w SLST? vein qtz
	83100	24700		0	2	B; RO ~~soil~~ clay
				2	4	RO clay vein qtz.
568725				4	6	cream clay w SLST.

st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

Aztec Mining Company Limited

SAMPLE INFORMATION

Sheet

1 : 250,000 sheet

Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			Dann R / Acacia S Ex 7034 / EL 7680			

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analytical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M
								RRB	1 0 0 7

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
568726	83150	24700		0	2	RO clay
				2	4	RO clay
728				4	6	creamy yellow clay w SLST
	83200	24700		0	2	RO lat
568730				2	4	YO clay
731				4	6	creamy clay w SLST.
EL7670 ↓	10900	9600		0	2	O w SLST
				2	4	RO w SLST vein qtz
734				4	6	HO w SLST.
568735	10900	9650		0	3	RO w SLST - lat
(4-6) 736				3	6	HO w SLST
	10900	9700		0	2	RO lat w SLST/SST
				2	4	HO w SST/SLST
739				4	6	O w SLST
568740	10900N	9750		0	2	RO lat sandy vein qtz.
				2	4	HO w SLST
742				4	6	HO w SLST
	10900N	9300E		0	2	RO lat, vein qtz
744				2	6	O w SLST.
568745	10900N	9550E		0	1	R lat
				1	4	cream SLST, clay.
747				4	6	O SLST.
	10900N	9900E		0	4	R w SLST clay
749				4	6	cream SLST, vein qtz
568750						

[illegible] 7670 [illegible]

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

APPENDIX 3

ANALYTICAL RESULTS FROM ROCK CHIPPING

amdel

Amdel Laboratories Limited A.C.N. 009 076 555
21 Marjorie Street, Berrimah, Northern Territory
Postal Address : P.O. Box 58, Berrimah, N.T. 0828
Telephone: (089) 322 637 Facsimile: (089) 323 531

Woodcutters Mine
P.M.B. 60
Winnellie

N.T. 0821

RECEIVED
29 JUL 1992

ANALYSIS REPORT :

Your Reference	: 037602 D/S 11826	Our Reference	: 2DN0734
Samples Received	: 10/07/92	Results Reported	: 13/07/92
Number of Samples	: 26	Report Pages	: 1 to 1
		2DN0734A	: 1 to 1

This report relates specifically to the samples tested in so far as the samples supplied are truly representative of the sample source.

If you have any enquiries please contact the undersigned quoting our reference as above.

EL
Darwin River 7034
RAB 1992

Report Codes:
N.A. -Not Analysed
L.N.R. -Listed But Not Received
I.S. -Insufficient Sample

Approved Signature:

for

ALAN CIPLYS
Manager - Darwin
CLASSIC LABORATORIES

amdel

Job: 2DN0734A
O/N: D/S 11826

Final

ANALYTICAL REPORT

SAMPLE	Cu	Pb	Zn	As
578501	190	180	930	190
578502	54	135	210	90
578503	67	140	590	140
578504	19	18	96	<50
578505	370	1880	620	710
578506	43	74	48	100
578507	110	180	80	90
578508	33	69	110	50
578509	16	10	59	<50
578510	33	76	64	<50
UNITS	ppm	ppm	ppm	ppm
DET.LIM	1	2	1	50
SCHEME	AAS2M	AAS2M	AAS2M	AAS2M

amdel

Amdel Laboratories Limited A.C.N. 009 076 555
21 Marjorie Street, Berrimah, Northern Territory
Postal Address : P.O. Box 58, Berrimah, N.T. 0828
Telephone: (089) 322 637 Facsimile: (089) 323 531

Woodcutters Mine
P.M.B. 60
Winnellie

N.T. 0821

RECEIVED
29 JUL 1992

ANALYSIS REPORT :

Your Reference	: 037623 D/S 11828	Our Reference	: 2DN0746
Samples Received	: 13/07/92	Results Reported	: 15/07/92
Number of Samples	: 53	Report Pages	: 1 to 2

This report relates specifically to the samples tested in so far as the samples supplied are truly representative of the sample source.

If you have any enquiries please contact the undersigned quoting our reference as above.

EL 7034 RAB
EL 7034 R Chips

EL 7670 RAB

Report Codes:
N.A. -Not Analysed
L.N.R. -Listed But Not Received
I.S. -Insufficient Sample

Approved Signature:

for

ALAN CIPLYS
Manager - Darwin
CLASSIC LABORATORIES

amdel

Job: 2DN0746A
O/N: D/S 11828

Final

ANALYTICAL REPORT

SAMPLE	Cu	Pb	Zn	As
578511	6	11	32	<50
578512	3	<2	5	<50
578513	64	1010	135	150
578514	8	13	4	<50
578515	8	270	170	100

Rock Chips
EL7034

UNITS	ppm	ppm	ppm	ppm
DET.LIM	1	2	1	50
SCHEME	AAS2M	AAS2M	AAS2M	AAS2M

APPENDIX 4

WATER BOREHOLE LOG SHEETS

WOODCUTTERS MINE - DRILLHOLE RECORD

HOLE NO: EL7034 - WATER BORE

PROPOSAL

LOCATION: EL7034 - Darwin River

PURPOSE: Water supply for diamond hole (DR1)

PROPOSED BY: WQ SET UP BY: .....

SET UP DETAILS:

83234.5 N 2315 E surface, RL ..... GRID AZIMUTH 90° DIP

TARGET: ..... (m depth) ..... N ..... E ..... RL

PLANED DEPTH: ..... (m)

DOWNHOLE SURVEY REQUIREMENTS: .....

OTHER SPECIFICATIONS (CORE SIZE, PERCUSSION DEPTH ETC.) .....

flow rate 3600 L/hr

FINAL DATA

FINAL DEPTH: ..... (m)

COMMENCED: ..... COMPLETED: ..... DRILLER: .....

COLLAR SURVEY: BY: .....

.....N .....E .....RL ..... GRID AZIMUTH ..... DIP

DOWNHOLE SURVEYS: See attached sheet

CORE SIZE: .....

OTHER DRILLING DETAILS: .....

GEOLOGIST: .....

WOODCUTTERS JOINT VENTURE
CORE LOGGING SHEET

Date: 17/7/92
Logged by: WO
Hole: EL7034 WATER BORE
Page No. 1 of 2

Distance from collar	Recovery %	RQD	Weathering	Structure	Cleavage	Bedding	Sense	Stratigraphy	Rock type	Dolomitic slate %	Dololutite %	Mineral Percentages: Galena	Sphalerite	Sulphosalts	Pyrite	Chalcopyrite	Stibnite	Arsenopyrite	Pyrrhotite	Quartz	Carbonate	HMR	Sample Number	Comments: % lim Slst	% hem Slst	% lgy Slst	Other
2																				2							lat
4																								10	80	wh-ltgy 10	
6																								90	5	5	
8																				tr				10	85	5	
10																								5	95		
12																								99	1	med gy tr	
14																								95	5	tr	
16																				tr				60	40	tr wh-ltgy	
18																				1				96	3	tr	
20																				tr				10	5	lt purp 85 brn-gy	
22																								20	10	70	
24																				tr				5	5	90	Wet
26																				5				5	2	88	
28																				40	lt gy Fe coating			10	10	40 lt grn gy	
30																				40				10	10		
32																				2				78	20		
34																				tr				60	40		
36																				tr				20	tr	80 lt gy grn	
38																				25				1	2	72 lt brn grn	
40																											sample
42																											lost
44																											
46																				3				3	8	92 dk gy	
48																				50	lt gy transic			5		45	
60																				30				10		80 dk grn gry	
62																				3				1		96	wall rock

1. Spotted slate
2. Slate
3. Dololutite
4. Laminated dololutite
5. Tuff marker bed
6. Massive sulphides
7. Calcareous dyke
8. Dolomite dyke
9. Breccia
10. Leached slate
11. Dolomitic slate
12. Cream dololutite
13. Stromatolitic dololutite
14. Massive vein quartz

Dip angles measured with respect to long core axis, sense measured with respect to cleavage

WOODCUTTERS JOINT VENTURE
CORE LOGGING SHEET

Date: 17/7/92
Logged by: WO

Hole: EL7034 WATER BORE

Distance from collar	Recovery %	RQD	Weathering	Structure	Cleavage	Bedding	Sense	Stratigraphy	Rock type	Dolomitic slate%	Dololutite %	Mineral Percentages: Galena	Sphalerite	Sulphosalts	Pyrite	Chalcopyrite	Stibnite	Arsenopyrite	Pyrrhotite	Quartz	Carbonate	HMR	Sample Number	Comments
52																								% lim slst / % gy slst
54																				tr				1 96 ~~well fo~~ dk grn-dk gy
56																				1				2 97 ↓
58																				tr				100 dk grn-blk
60																				tr				100 well fol blk carb slst
																								EOH

1. Spotted slate
2. Slate
3. Dololutite
4. Laminated dololutite
5. Tuff marker bed
6. Massive sulphides
7. Calcareous dyke
8. Dolomite dyke
9. Breccia
10. Leached slate
11. Dolomitic slate
12. Cream dololutite
13. Stromatolitic dololutite
14. Massive vein quartz

Dip angles measured with respect to long core axis, sense measured with respect to cleavage

APPENDIX 5

DIAMOND DRILLHOLE (DR1) LOG SHEETS

WOODCUTTERS MINE - DRILLHOLE RECORD

HOLE NO: ..DR1.....

PROPOSAL

LOCATION: ..EL 7034.....

PURPOSE: ...To..test..for..mineralisation beneath..Pb.&.Zn..geochem.anomaly.

.....

PROPOSED BY: .WO.. SET UP BY: .....

SET UP DETAILS:

..83184. N ..23129.5 E ..Surface.., RL ... .198.° GRID AZIMUTH ...-60..°DIP

TARGET: ..175.... (m depth) ..... N ..... E .....RL

PLANED DEPTH: ..220.. (m)

DOWNHOLE SURVEY REQUIREMENTS: .....

.....

OTHER SPECIFICATIONS (CORE SIZE, PERCUSSION DEPTH ETC.) .....

.....

.....

.....

FINAL DATA

FINAL DEPTH: ..254.... (m)

COMMENCED: ..... COMPLETED: ..... DRILLER: Leo.....

COLLAR CURVEY: BY: .....

.....N .....E .....RL .....° GRID AZIMUTH .....° DIP

DOWNHOLE SURVEYS: See attached sheet

CORE SIZE: ...NQ..... /

OTHER DRILLING DETAILS: .Pre-collar..to..54m.....

.....

.....

GEOLOGIST: .....

CALCULATIONS FOR HOLE PLOTTING FROM DOWNHOLE SURVEYS

HOLE NUMBER: ..DR1.........

* Collar Azimuth and Dip not to be used for plotting

	Survey Depth	(Grid)	Dip (I)	Mid-Points	Interval	RL	N	E
15	Collar	*	*	0				
	30		-56					
42								
	54	204	-54½					
69								
	84	202	-54½					
99								
	114	202	-54½					
129								
	144	200	-54					
159								
	174	199	-51.5					
189								
	204	198.5	-49.5					
219	234	196	-47.5					
EOH	252							
			EOH =					
			CHECK TOTAL =					

WOODCUTTERS JOINT VENTURE
CORE LOGGING SHEET

Date: 13/7/92
Logged by: WO

Hole: DR1 Pre-Collar
Page No. 1 of 2

Distance from collar	Recovery %	RQD	Weathering	Structure	Cleavage	Bedding	Sense	Stratigraphy	Rock type	Dolomitic slate %	Dololutite %	Mineral Percentages: Galena	Sphalerite	Sulphosalts	Pyrite	Chalcopyrite	Stibnite	Arsenopyrite	Pyrrhotite	Quartz	Carbonate	HMR	Sample Number	Comments
2																				2				weath red-orange-brn lim slst
4																				-				purp hem & crm ltgy slst
6																								70% purp hem slst, 30% crm ltgy
8																								purp hem slst 5% yell lim slst
10																				40	clr trans luc			40% brn slst, 20% lim hem slst
12																				1				70% purp brn slst, 30% lim slst
14																								lt brn purp slst
16																								" " + minor lim
18																								" "
20																				tr				brn-purp slst
22																				10				" "
24			↑																					" " + lim
26			Mod																					lim slst yell-brn
27			F														Water			tr Table				20% lim slst, 80% med gy-brn slst
28			↓																	5				70% yell brn lim slst, 30% brn gy slst
30																				1	mnO 1% Mn coating			90% purp hem slst
32																								purp hem slst
34																								60% med gy slst, 40% purp hem slst
36																				tr				40% " " 60% " "
38																				tr	tr Mn			10% med gy slst, 88% hem slst, 2% lim slst
40																				tr	tr Mn			hem slst, Tr-med gy slst
42																				tr				" "
44																				tr				50% hem slst, 50% med gy slst
46																								25% " 75% "
48																								90% " 10% "
50																								90% " 10% "

1. Spotted slate
2. Slate
3. Dololutite
4. Laminated dololutite
5. Tuff marker bed
6. Massive sulphides
7. Calcareous dyke
8. Dolomite dyke
9. Breccia
10. Leached slate
11. Dolomitic slate
12. Cream dololutite
13. Stromatolitic dololutite
14. Massive vein quartz

Dip angles measured with respect to long core axis, sense measured with respect to cleavage

WOODCUTTERS JOINT VENTURE
CORE LOGGING SHEET

Date: 13/7/92
Logged by: WO

Hole: DR1 Pre-Collar
Page No. 2 of 2

Distance from collar	Recovery %	RQD	Weathering	Structure	Cleavage	Bedding	Sense	Stratigraphy	Rock type	Dolomitic slate %	Dololutite %	Mineral Percentages: Galena	Sphalerite	Sulphosalts	Pyrite	Chalcopyrite	Stibnite	Arsenopyrite	Pyrrhotite	Quartz	Carbonate	HMR	Sample Number	Comments
50																								
52																								10% hem slst, 90% dk gy slst
54																								100% dk gy slst w tr hem stain & tr carbon in wash
																								So 94/85°N ltbrn Sil Slst
																								S_1 122°/84°S 46m

1. Spotted slate
2. Slate
3. Dololutite
4. Laminated dololutite
5. Tuff marker bed
6. Massive sulphides
7. Calcareous dyke
8. Dolomite dyke
9. Breccia
10. Leached slate
11. Dolomitic slate
12. Cream dololutite
13. Stromatolitic dololutite
14. Massive vein quartz

Dip angles measured with respect to long core axis, sense measured with respect to cleavage

WOODCUTTERS JOINT VENTURE
CORE LOGGING SHEET

Date: 18/7/92
Logged by: W.R. Ormsby

Hole: DR1

Distance from collar	Recovery %	RQD	Weathering	Structure	Cleavage	Bedding	Sense	Stratigraphy	Rock type	~~Dolomitic slate~~ Chert %	~~Dololutite~~ Sericite %	Galena	Sphalerite	Sulphosalts	Pyrite	Chalcopyrite	~~Stibnite~~ hem.	Arsenopyrite	Pyrrhotite	Quartz	Carbonate	HMR	Sample Number	Comments
																								sample 2 chert intervals 35cm total 0.25m ~55m & 0.1m @ 56.4m.
54.0–57.0 (2.5m.)	95	1	Mod	S1.	50	35	S.		2.14.	5					1		3			tr.	~~[illegible]~~		(1)	~1cm wide, qy, hem. & py cut ending [illegible] to [illegible]. blk carb. slate [illegible] clay [illegible] part. Com. cavities [illegible] py. 55–55.[illegible]
57.0–60.0 (3.5)	55	1	Mod	S1.		70.			2.14						1		3			~~[illegible]~~ 1				10cm hem. cut [illegible] weathered & broken. [illegible]. ~57m – 57.1m
60.0–63.0 (1m.)	45	1	Mod ~~Sl~~	S1	65	30	P		2.						1		tr			tr.				Partly leached, dull black.
63.0–66.0	45	1	Sl	S1	25	15	O		2						1		Tr			tr.				Partly leached,
66.0–69.0	85	2	Sl	S1	10	25	O.		2						1		tr			tr				
69.0–72.0	85	2	Sl–Fr.	S1	60	15	O.		2						1		tr			.				2nd S_2? ~10° opp. fn dissem py & slippage along S_0
72.0–75.0	>95	2	Fr	S1					2						1		tr			tr				Mnr folding of S_0? & thin qtz vns sub// to LCA A.P. S_1 ~45°
75.0–78.0	>95	1	Fr	S1	15	15	P		2						1		tr			tr				
78.0–81.0	"	3	Fr	S2	15				2.						1		tr			tr				Fract. ~20° c̄ py & q. S_2? opp S_1 30°.
81.0–84.0	"	3	Fr	S2					2.						1		tr			tr				
84.0–87.0	"	3	Fr	S2	5	20	O		2						1		tr			tr				
87.0–90.0	"	2	|	S2	~~15~~	~~40~~	~~0~~		2.						1		tr			tr				
90.0–93.0	"	4	|	S3	15	40	O		2						1		tr	tr		1				~~S~~ py & q vns (thin), tend to be // to S_1. 90.9m ~4cm Breccia-slate in q., mnr py, hem, tr asp(?).
93.0–96.0	"	5	|						2						1		tr			tr				Mnr ser. ~96m. common small cavities in ~~slate~~ shale – leached
96.0–99.0	"	2	|	S3	45	60	S		2						1		tr			tr				
99.0–102.0	"	4	|	S3	35	55	S		2						1		tr			tr				S_2 ~20° perp. S_1. py vns. Needle-like mineral showing preferred orientation // to S_1?
102.0–105.0	"	1	|	S1					2.						1		tr			tr				May be sericite x sections. Mnr sericite? on fracture surfaces.
105.0–108.0	"	2	|	S2	35	40	S		2						1		tr			tr				py along fract. // to S_0, S_2 ~40° perp S_1.
108.0–111.0	"	1	|	S2.					2						1		tr			tr				
111.0–114.0	"	2	|	S2					2						1		tr			tr				
114.0–117.0	"	3.	|		~~50~~	40	O.		2.15		20				1		tr			tr				S_0 20, S_1 50 perp. 114.2m. Bedded, patchy & folded sericite? beds. S_1 50 S_0 40 Opp. S_1 axial planar to mnr fds.
117.0–120.0	"	3	|	S2					2.15		10						|		|				Mineral elongation // to S_0, S_1 opp 30°. Some fn py min restricted to sericite? beds
120.0–123.0	"	1	|	S1	15	45	S		2.15		3						|		|				core v. broken, carbon rich, leached,
123.0–126.0	"	3	|						2								|		|				Thin q vns. // to S_0 & mineral elongation – tend to be boudinaged.
126.0–129.0	"	5	|		20	40	P.		2.15		40						|		|				Brecciated, chaotic blk shale frags in sericitic? beds in part & bed truncation (up hole) primary?
129.0–132.0	"	2	|	S2	5	20	O		2.15.		10.				1.					tr				

1. Spotted slate
2. Slate
3. Dololutite
4. Laminated dololutite
5. Tuff marker bed
6. Massive sulphides
7. Calcareous dyke
8. Dolomite dyke
9. Breccia
10. Leached slate
11. Dolomitic slate
12. Cream dololutite
13. Stromatolitic dololutite
14. Chert
15. Sericite? ~~[illegible]~~ or carbon poor beds.

0–25 1
25–50 2
50–75 3
75–90 4
90–105 5

Dip angles measured with respect to long core axis, sense measured with respect to cleavage

WOODCUTTERS JOINT VENTURE
CORE LOGGING SHEET

Date: 21/7/92
Logged by: W.R. Ormsby
Hole: DR1
Page No. 2 of 3

Distance from collar	Recovery %	RQD	Weathering	Structure	Cleavage	Bedding	Sense	Stratigraphy	Rock type	~~Dolomitic slate~~ %	~~Dololutite~~ %	Galena	Sphalerite	Sulphosalts	Pyrite	Chalcopyrite	Stibnite	Arsenopyrite	Pyrrhotite	Quartz	Carbonate	HMR	Sample Number	Comments
132.0	>95	2	Fr	S2	25 15	30 30	P S		2.15		1				1					tr				leaching still common py layers // to So Py core broken esp 134 - 155.5m
135.0	"	2			20	45	P		2.15		10				1					tr				Minor fold axis // to So, min elongation ē thin q-py vns.
138.0	"	4		~~S1~~	15	30	P		2.15		2				1					tr				140.7-141.1m highly deformed brecciated broken core ē graphitic surfaces. cumulated contact.
141.0	90	1		S1					2		tr				1					2				4cm q Vn @ 141.55m pol. surf. // to S, ~5° wrt LCA weathered CO3? cavities in q vns
144.0	>95	1		S1		40			2				tr		1					tr			2	badly broken core. Minor folding // to So & mineral elongation. S1 perp to So & // to LCA. Tr sph in py veinlets // to So. Com leaching
147.0	"	3		147.4 S1	25	45	S		2				tr		1					1			3	v. thin vn - q/py-sph // to S1 1-2 cm leached (CO3) & qtz vns // to S1 tr sph ē py
150.0	50	1		S1					2						1					1				cavity hit during drilling Bkn core, pol surf.
153.0	>95	2		S1	10	40	P	155.8	2.15 / 16	% slate	3				1					tr				highly leached 154.8 - 155.3m thin py vns // to So.
156.0	"	4				40			16-2	20	2				tr				tr?	1				'limestone' tr py & biotite? along cleavage planes q vns terminate @ CO3 boundary.
159.0	"	2			45?	45			16						tr					1				159.4 - 161m highly leached. 160m 3cm q vn 20° & // to So
161.5	"	2		S3	45	55	S		16						tr					tr				lmst. msv. med gr xalline to foliated occ. sericitic? beds
165.0	"	3		S3	30	50	S		16		2				tr					1	1			Mnr q-CO3 vns Mica - biotite? cumulated along broken surfaces.
168.0	"	3		S3	30	40?	O		16						tr				tr	2	tr			
171.0	"	2		S3	35	30?	O		16		1	tr?	tr		tr					10	2		4	tr silver, platey min along S1 - 173.7 - 174m q vn ē tr py & sph & gal?
174.0	"	3		S3	30	60?	O		16				tr		tr					8	2			tr metallic silver min on biotite? fract surface - flat, platey tr sph assoc ē q vn, 174.5m
177.0	"	5							16	2	tr		tr		tr					1	1			~178m, tr sph along S1 in CO3 com fn mica, esp along S1
180.0	"	3		S3	55?	50	S		16			tr?	tr		tr					tr	tr		5	~181m, silver coloured, platey min on fract. - 180-181m
183.0	"	4		S3	45	50			16						tr					10	tr			~~lm~~ Carbonate becoming darker gy ē increasing dk brn mica
186.0	"	2		S2	55 60	50 35	O S		16			tr?	tr		tr					2	1			poss. gal along fract. - silver platey. tr sph thin q - CO3 vn
189.0	"	4			[illegible]				16						tr					tr	tr			Mnr stylolites? & darker bands.
192.0	"	4			35	25	S		16						tr					tr	tr			Increasing darker biotite? rich bands - boundaries - irregular in part.
195.0	"	5			22	25	S		16						tr					tr	tr			Faint S2 ~10° opp to S1
198.0	"	4			5	5	S		16						tr					tr	tr			
201.0	"	3		S2	30	15	S		60% 16/2						tr	tr				1	tr			tr chalcopy in thin, irreg q-CO3 vn thin, folded mic. dk grn gy beds ē S2 perp & ~5° wrt LCA.
204.0	"	4				30			60% 16/2 40%						tr	tr			tr	tr	tr		6	Mnr chalcopy assoc ē thin pyrr. layers in mudstone ~// to So & S1
207.0 – 210.0	"	5			35	40	S		60% 16/2		3				tr	tr			tr	tr	tr		7	

tr. 1

1. Spotted slate
2. Slate
3. Dololutite
4. Laminated dololutite
5. Tuff marker bed
6. Massive sulphides
7. Calcareous dyke
8. Dolomite dyke
9. Breccia
10. Leached slate
11. Dolomitic slate
12. Cream dololutite
13. Stromatolitic dololutite
15. 'sericitic' beds
16. Carbonate - limestone or dolomite.

Dip angles measured with respect to long core axis, sense measured with respect to cleavage

WOODCUTTERS JOINT VENTURE
CORE LOGGING SHEET

Date: 12/8/92
Logged by: W.R. Ormsby
Hole: DR1
Page No. 3 of 3

Distance from collar	Recovery %	RQD	Weathering	Structure	Cleavage	Bedding	Sense	Stratigraphy	Rock type	Dolomitic slate %	Dololutite %	Galena	Sphalerite	Sulphosalts	Pyrite	Chalcopyrite	Stibnite	Arsenopyrite	Pyrrhotite	Quartz	Carbonate	HMR	Sample Number	Comments
210.0	95	5							2, 16 (30%)						tr	tr			1	tr	tr		8	V. fn pyrr. along bedding & in thin q vns. (4) Petrol. tourmaline? band in slate. 212m
213.0	"	5			30	40	S		2, 16 (10%)						tr	tr			2	tr	tr	214–215	9 / 10 / 11	A/A. S2 ~20° perp. 213.15m Petrology sample (1) streak of pyrr & mnr chlcpy in slate (2) 214.7m well bedded py in slate
216.0	"	5	216.0–216.1	S2					2, 16 (10%)						tr	~~tr~~			1	tr	tr		12	(3) 218.35m well bedded pyrrh. in slate. Petrog.
219.0	"	5			40	55	S		2, 16 (30%)						tr				tr	tr	tr		13	S2 ~10° perp.
222.0	"	5			40	40	S		2, 16 (90%)						tr				tr	tr	tr			S2 ~15° perp. ~10% sericite. S1 axial planar to mnr folds & lin of pyrr // to it. S2 only in mica rich beds
225.0	"	5			15	35	S	226.4	2 / 16						tr				tr	10	tr			slate – sericitic. S2 20° perp. q, x mnr CO3 vn 226.1–226.4m.
228.0	"	4							2, 16 (90%)						tr					tr	tr			slate – sericitic.
231.0	"	5			25	15	O	231.3	2						tr					tr	tr			slate, carbonatous in part. S2 ~25° perp.
234.0	"	2	234.6–236.1	SI					2						tr					tr	tr			Bkn core, pol surf., mnr brecc.
237.0	"	5			15	40	S		2						tr	tr			tr	1	tr			tr pyrr & py & chpy in qtz-mnr CO3 vn @ 238.7m. S2 perp & ~ // to LCA. ~20% sericite.
240.0	"	5						240.2	16						tr					tr	tr			
243.0	"	5			25	35	S		16, 2 (10%)						tr					tr	tr			
246.0	"	5			40	45	O		16, 2 (25%)						tr					2	1			1–2 cm wide q-CO3 vning 247–248.5m. S2 25° perp.
249.0	"	5							16						tr					tr	tr			
252.0																								

1. Spotted slate
2. Slate
3. Dololutite
4. Laminated dololutite
5. Tuff marker bed
6. Massive sulphides
7. Calcareous dyke
8. Dolomite dyke
9. Breccia
10. Leached slate
11. Dolomitic slate
12. Cream dololutite
13. Stromatolitic dololutite

Dip angles measured with respect to long core axis, sense measured with respect to cleavage

APPENDIX 6

ANALYTICAL RESULTS FROM DIAMOND DRILLHOLE CORE

amdel

ANALYTICAL SERVICES
(previously CLASSIC LABORATORIES)

Amdel Laboratories Limited A.C.N. 009 076 555;
Postal Address: P.O. Box 58, Berrimah, N.T. 0828
Telephone: (089) 322 637 Facsimile: (089) 323 531
Head Office: Adelaide Branches in: Perth, Darwin, Kalgoorlie
Meekatharra, Townsville, Melbourne, Sydney, Mt. Isa

FACSIMILE TRANSMISSION SHEET

TO: WOODCUTTERS	
FROM: ALAN CIPLYS	ATT: WARREN ORMSBY
DATE: 27.8.92	CC:
REF:	PAGES: 2

MESSAGE

EL 7034

DRI hole samples.

Split core Assays

[illegible]mdel

Job: 2DN0944
O/N: D/S G502[illegible]

[illegible]nal

ANALYTICAL REPORT

SAMPLE	Au	AuDp1	Cu	Pb	Zn	As	
581701 (1)	<0.01	<0.01	63	430	2230	110	- chert 55-5[illegible] 56.9-56.5m
581702 (2)	<0.01	--	170	1430	870	<20	144-147m slate & py
581703 (3)	<0.01	--	150	2430	4410	<20	147m-150m
581704 (4)	<0.01	--	55	220	490	<20	q vn 173.7-174m
581705 (5)	<0.01	--	48	260	1030	[illegible]	180-181m carbonate
581706 (6)	<0.01	<0.01	140	10	155	[illegible]	204-207m
581707 (7)	<0.01	--	46	11	[illegible]	20	207-210m Pyrrhotite
581708 (8)	<0.01	--	99	19			210-213m bronzes in
581709 (9)	<0.01	--	185	16			213-214m slate/carbonate
581710 (10)	<0.01	--	210	13			214-215m
58171[illegible] (11)	<0.01		220	12			215-216m
581712 (12)	<0.01		84	8			216-219
581713 (13)	<0.01	<0.[illegible]	60	9		20	219-222

UNITS	ppm	ppm	ppm	ppm	ppm	ppm
DET.LIM	0.01	0.01	1	2	1	20
SCHEME	FA1	FA1	AAS2M	AAS2M	AAS[illegible]	[illegible]M

APPENDIX 7

PETROLOGICAL AND MINERALOGICAL DESCRIPTIONS OF CORE SAMPLES

DR1-1

This is a biotite schist displaying two clearly defined fabrics. The dominant one is an axial surface to tight folds that are transposed in part. The sulphide bearing bands are also folded and transposed. A late crenulation lies at a high angle to the primary cleavage.

The sulphides are dominated by pyrrhotite, which occurs as disseminated grain, and aggregates of fine to medium grain sizes. Chalcopyrite is present as relatively coarse grains/aggregates within the more massive sulphide domain. As with pyrite it is a minor phase. Trace amounts of sphalerite are present in the massive domains. Very fine grained, disseminated sphalerite is more abundant and occurs with phyrhotite and lesser chalcopyrite in the disseminated sulphide domains that surround the massive domains.

Gangue assemblage is quartz - chlorite (-biotite in outer sulphide zones).

DR1 -2

This is a quartz - biotite - calcite schist. Carbonate is third in abundance after quartz and biotite and the protolith was probably a calcareous or dolomitic siltstone. As in DR1-1 there are two fabrics -

1. a well developed slatey cleavage and

2. a weakly developed overprinting crenulation.

Sulphide assemblage is dominated by pyrrhotite. It occurs as fine grained, individual grains and aggregates aligned parallel to the slaty cleavage. Trace amounts of sphalerite and chalcopyrite. The latter two sulphides occur, in conjunction with pyrite in greater abundance in and adjacent to a layer parallel sulphide veinlet in the middle of the section. Chalcopyrite is relatively more abundant than sphalerite.

DR1-3

Is effectively a very fine grained biotite schist (or "phyllite"). A strong/well developed primary cleavage dominates, but again is overprinted by a crenulation. Sulphides are abundant and aggregates are aligned parallel to the primary cleavage which appears to be axial plainer to mesoscate folds. There appears also to be a stratigraphic control governing the locations of sulphides.

The sulphides are associated with calcite and occasionally quartz, although there is no significant carbonate component in the matrix. The sulphide assemblage is dominated by pyrrhotite, fine grained sphalerite occurs as disseminated grains and aggregates throughout the sulphide zone. Chalcopyrite is present as coarser grains associated with pyrrhotite, but is less common than sphalerite. Combined base metal proportion of the sulphides would be less than 10%. Note that sulpherite appears to be a low iron variety. Pyrite is a minor phase and as abundant as chalcopyrite ($<<1\%$ total)

DR1-4

Is a biotite schist with minor quartz and carbonate. The primary and well developed cleavage is overprinted by a crenulation. The sulphides are aligned parallel to the cleavage.

CR 93/198A

LEGEND

Geology		Structure	
2	slate	S	shearing 1-3 (intense to low)
14	chert	≋	shearing
15	sericite	⁄	bedding and cleavage
16	carbonate		
ΔΔ	breccia		

0 10 20 30 40 50m

	Initial	Date
Geologist	ADG/WO	MAR 93
Drawn	MCB	MAR 93

EL 7034 DRI

GEOLOGICAL CROSS SECTION

723100 E

File DRI-XS

Scale 1 :1,000

Date 05 Mar 93

Enclosure 1

8 583 000mN | 8 583 100mN | 8 583 200mN | 8 583 300mN

1400ppm
1200
1000
800
600
400
200

Pb
Zn

EOH 254.0m

DR 1

PLAN

CROSS SECTION

1000 RL

SURFACE

qtz vn

ΔΔ

lim goss vn + cht

DR1

slate and chert bands

slates with interbedded sericite

slate

carbonates (limestone)

hem chts

sericitic interbeds

900 RL

leached

tr sph
qtz
cavity

structure
geology

EOH 254.0m

800 RL

8 583 000mN | 8 583 100mN | 8 583 200mN | 8 583 300mN