ANNUAL REPORT
EXPLORATION LICENCES
7138, 7684 AND 7935
ALLAMBER SPRINGS PROJECT

JANUARY 1993 TO DECEMBER 1993

BY

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OF

AZTEC MINING COMPANY LTD

VOLUME I OF II
(TEXT AND APPENDICES)

PINE CREEK SD52-03
MOUNT EVELYN SD53-05
McKinlay River 5271
Pine Creek 5270
Ranford Hill 5370

DARWIN NT
January 1994

CR 94/082A

 VOL 1 of 2.

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SUMMARY

The Allamber Project is located in the Pine Creek Inlier and the geology of the area comprises Early Proterozoic metasediments that have been intruded by Carpentarian granite. TOTAL Mining postulated the area to be geologically and structurally similar to Rum Jungle Mineral Field and subsequent work by Aztec Mining supports this interpretation.

The metasediments are concordant with the granite contact and in ascending order are interpreted by Aztec Mining to be equivalents of Crater Formation, Coomalie Dolomite, Whites Formation and Acacia Gap Quartzite of the Namoona and Mt Partridge Groups. The Cullen Granite is interpreted to be recrystallised basement.

Intense exploration by TOTAL Mining located pods of East Alligator/Rum Jungle type uranium mineralisation at the Twin, Dam and Cleos prospects. They also located a previously unrecorded secondary copper occurrence with a shaft at a similar interval in the stratigraphy as the uranium.

Work conducted by Aztec Mining in the project area includes;-

- Literature research
- Detailed stream sediment sampling
- Soil sampling
- Costeaning
- Regional and detailed geological mapping
- Rock Chipping
- Purchase of airborne magnetic/radiometric data
- Diamond and reverse circulation drilling

This work has located and tested a stratabound cupriferous horizon striking for 15-18 kms that occurs in variably pyrrhotitic hornfelsed carbonaceous mudstone beds interpreted to be equivalent of Whites Formation. The dominant sulphide is chalcopyrite however chalcocite does occur over some intervals and the mineralisation is best developed at the Black Bream and Catfish prospects.

Drilling to date has shown the mineralisation is continuous and over wide intervals however the grades for both the primary and secondary mineralisation are not economic.

Further work is recommended to test the potential for areas of higher grade Cu and to evaluate the Au potential around the U mineralisation located by TOTAL Mining.

1. INTRODUCTION

Exploration Licences 7138, 7684 and 7935 form a contiguous tenure block and are located 40kms north east of Pine Creek (see figure 1). They are situated on the Mary River Pastoral Lease and encircle the Mary River homestead. Access is gained via the Kakadu Highway, the Mary River homestead formed road and station tracks.

The area covered by the licences is considered to be prospective for differing styles of base metal and gold mineralisation.

The three licences are being explored concurrently. The aim of this report is to outline the work conducted during year one for EL 7935, year two for EL 7684 and year three for EL 7138 and present results of this work. A proposed work programme and estimated budget for the forthcoming field season will also be presented.

2. TENURE

EL 7138

Exploration licence 7138 was granted on 17th December 1990 for a period of six years. The current ownership is Earthrowl 90%, Day 5% and Teelow 5%. The licence originally comprised 22 graticular blocks and 7 blocks were relinquished on 16th December 1992. A deferment for the compulsory reduction due at the completion of year three has been sought.

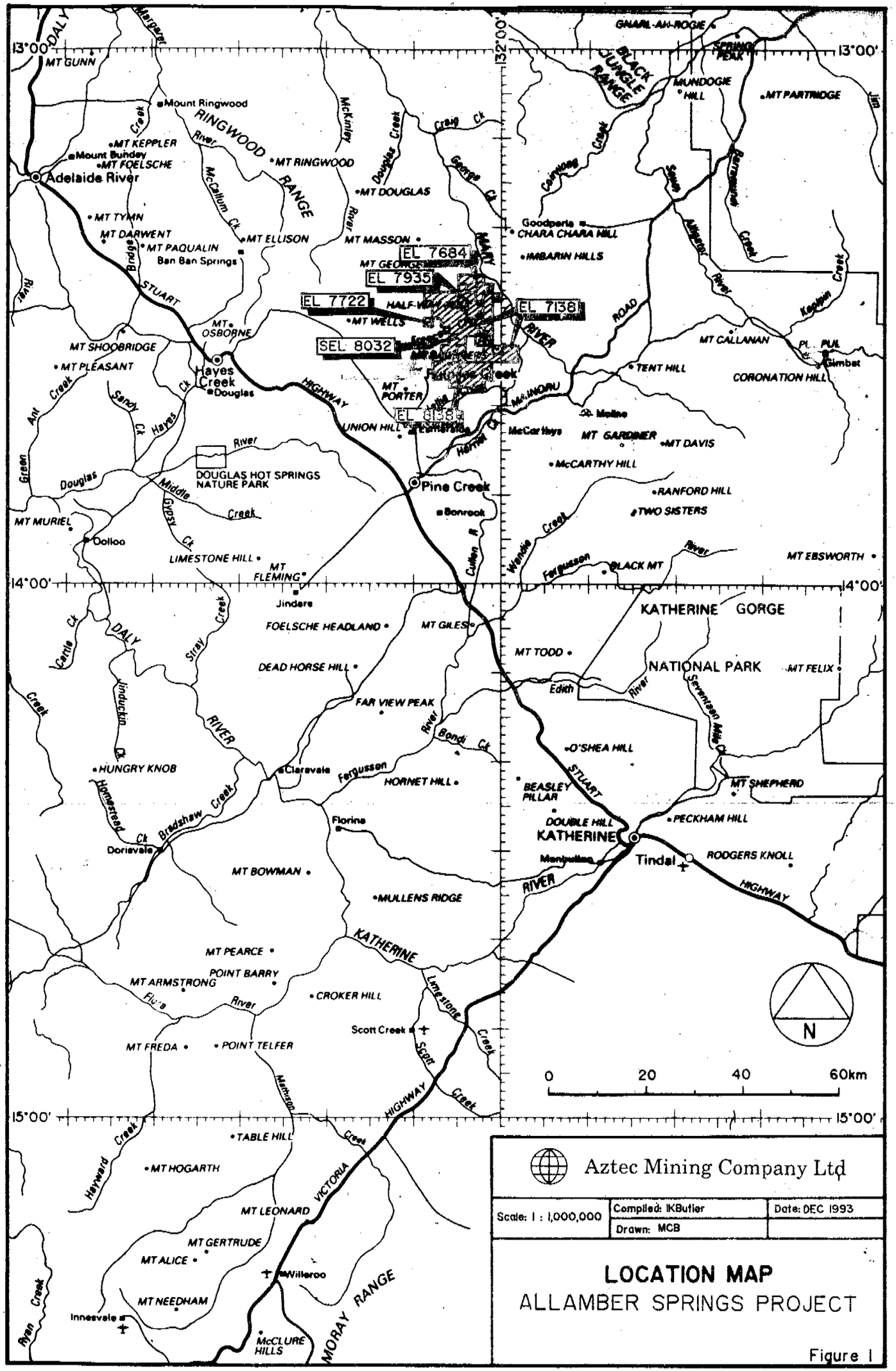
EL 7684

Exploration licence 7684 is comprised of 8 graticular blocks and was granted on 13th April 1992 for a period of four years. The current ownership is Earthrowl 50%, Day 45% and Teelow 5%.

EL 7935

Exploration licence 7935 was granted to Aztec Mining Company Ltd on 12th March 1993 for a period of five years. The current ownership interests are as for EL 7684.

On 4th December 1992, Aztec Mining Company Ltd entered into a joint venture agreement on all three EL's with the licence holders whereby Aztec may earn a 90% interest by contributing to all expenditure until Aztec has completed a feasibility study.


13°00'
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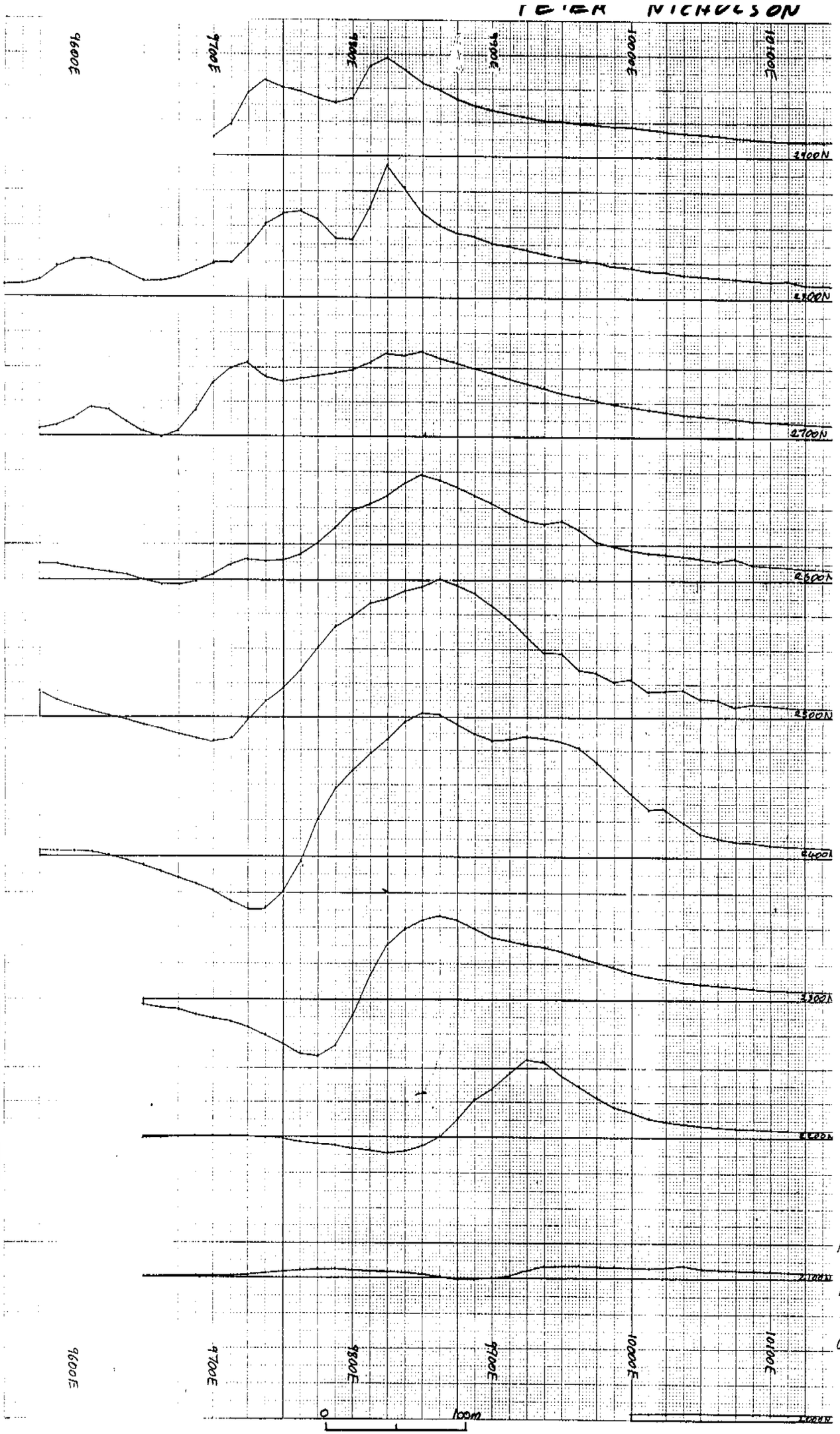
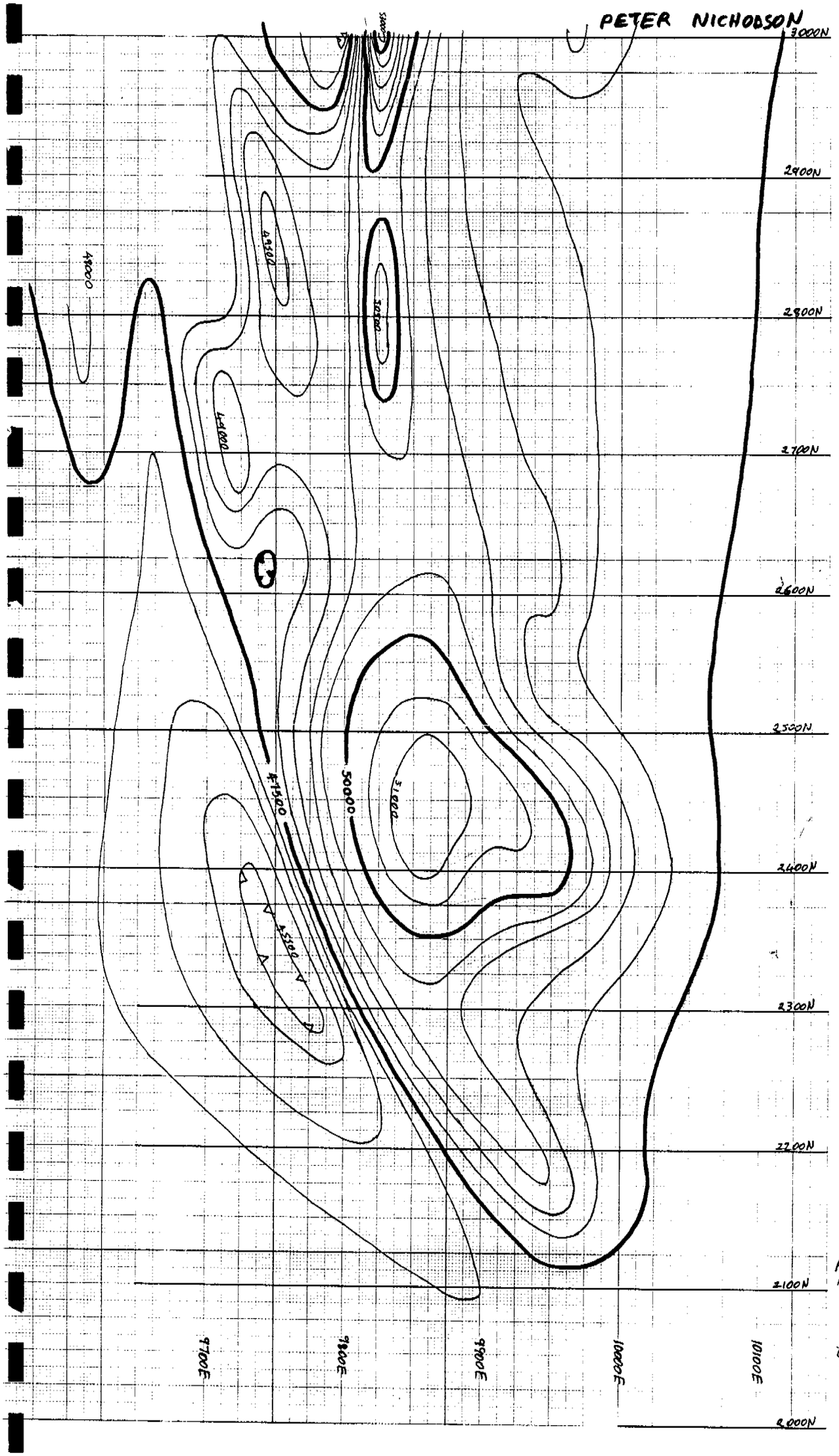
15°00'
MT GUNN
Mount Ringwood
MT KEPPLER
Mount Bundey
MT FOELSCHE
Adelaide River
RINGWOOD RANGE
MT RINGWOOD
MT DOUGLAS
MT TYMN
MT DARWENT
MT PAQUALIN
Ban Ban Springs
MT ELLISON
MT MASSON
MT GEORGE
EL 7684
EL 7935
EL 7722
HALF WAY
MT WELLS
EL 7138
SEL 8032
MT OSBORNE
MT SHOOBRIDGE
MT PLEASANT
Hayes Creek
Douglas
MT PORTER
UNION HILL
EL 6138
DOUGLAS HOT SPRINGS NATURE PARK
Pine Creek
Bonrook
MT MURIEL
Dolloo
LIMESTONE HILL
MT FLEMING
Jindare
FOELSCHE HEADLAND
MT GILES
DEAD HORSE HILL
FAR VIEW PEAK
HUNGRY KNOB
Claravale
HORNET HILL
Florina
Dorievale
MT BOWMAN
MULLENS RIDGE
MT PEARCE
POINT BARRY
MT ARMSTRONG
CROKER HILL
Scott Creek
MT FREDA
POINT TELFER
TABLE HILL
MT HOGARTH
MT LEONARD
MT GERTRUDE
MT ALICE
Willeroo
MT NEEDHAM
Innesvale
McCLURE HILLS
MORAY RANGE
GNARL-AH-ROGIE
BLACK JUNGLE RANGE
MUNDOGIE HILL
MT PARTRIDGE
Goodparla
CHARA CHARA HILL
IMBARIN HILLS
MT CALLANAN
TENT HILL
CORONATION HILL
Gimbat
Moline
McCarthys
MT GARDINER
MT DAVIS
McCARTHY HILL
RANFORD HILL
TWO SISTERS
BLACK MT
MT EBSWORTH
KATHERINE GORGE NATIONAL PARK
MT TOOD
MT FELIX
O'SHEA HILL
BEASLEY PILLAR
MT SHEPHERD
DOUBLE HILL
PECKHAM HILL
KATHERINE
Manbulloo
Tindal
RODGERS KNOLL
STUART HIGHWAY
KATHERINE RIVER
VICTORIA HIGHWAY
N
0 20 40 60km
Aztec Mining Company Ltd
Scale: 1 : 1,000,000
Compiled: IKButler
Drawn: MCB
Date: DEC 1993
LOCATION MAP
ALLAMBER SPRINGS PROJECT
Figure 1



ALLAMBER SPRINGS PROJECT
BLACK BREAM ANOMALY
GROUND MAGNETICS PROFILES

Fig 2

PETER NICHOLSON



ALLAMBER SPRINGS PROJECT
BLACK BREAM ANOMALY
GROUND MAGNETICS CONTOURS

Fig 3

3. CONCLUSIONS

1. Exploration conducted by Aztec Mining supports TOTAL Mining's interpretation that the geology and structural setting of the Allamber project area is similar to the Rum Jungle Mineral Field.

2. The copper mineralisation located to date is a stratabound cupriferous horizon that occurs in metasediments interpreted to be the equivalent of Whites Formation.

3. Intense exploration of the copper mineralisation has failed to locate any primary mineralisation or supergene enrichment with economic grades.

4. There is potential to locate Au mineralisation spatially associated with uranium occurrences within the licences.

4. PREVIOUS EXPLORATION

The first systematic exploration was not conducted until the late 60's early 70's. During that period Australian Geophysical Pty Ltd conducted airborne radiometric surveys covering part of EL 7138. (Australian Geophysics company reports). No anomalies or ground follow up was reported for the area presently covered by EL 7138.

Ferruginous units overlying the Masson Formation found in the south-west corner of EL 7138 have been investigated by Wandaroo Mining (Company report) and CRA for their iron ore potential. Tonnages and grade were found to be insufficient for mining.

CRA Exploration Pty Ltd (Ikstrums and Swensson, 1979) conducted regional soil traverses covering a majority of EL 7138. This sampling identified nineteen anomalies, five of which were followed up with detailed soil sampling, mapping and gossan sampling. Anomaly 1.5, approximately 12 km west of EL 7138 was considered to have the most potential. A diamond drill hole targeted at the best geochemistry within anomaly 1.5 yielded disappointing results (max 2 m @ 0.16% Pb and 0.19% Zn) and the ground was relinquished.

Uranium, tin, tungsten, molybdenum and base metal exploration conducted by Australian and New Zealand Exploration Company (Davies, 1981) consisted of -80 # stream sediment sampling at 1 km intervals, heavy mineral concentrate sampling, radiometric surveys and soil sampling. Elevated base metal values were found in a number of localities along the granite contact (max 140 ppm Cu, 200 ppm Pb and 460 ppm Zn). Follow up rock chipping located anomalous stratabound ironstone outcrops (max 130 ppm Cu, 600 ppm Pb and 1800 ppm Zn). The base metal potential was interpreted to be limited and little evidence of uranium, tin, tungsten or molybdenum mineralisation existed.

Greenex (Company Report, 1983) conducted a photo interpretation and an ironstone sampling programme to test the gold, tin and tungsten potential of the area. Only low level results were recorded.

TOTAL Mining Australia Pty Ltd held two EL's (4414 and 4460) which corresponded roughly to the original EL 7138 boundary.

TOTAL Mining's primary target was hydrothermal uranium mineralisation. Their initial exploration identified anomalous scintillometer (SRAT SSPP2 x 15,000 cps) readings in silicified dolomite within the BMR mapped Mundogie Sandstone, 8 km south of the Mary River Station.

Detailed follow up work identified an interbedded sequence of carbonaceous shales and dolomites following more or less concordantly the Cullen Granite contact. The dolomites on surface invariably manifest themselves as intermittent siliceous bodies, easily mistaken for quartz veins. TOTAL reported two locations containing stromatalitic structures and mapped a small area containing gneisses, migmatites and other metamorphic igneous rocks suggested to be possible Archaean remnants. TOTAL recognised a resemblance to the stratigraphy of the Rum Jungle Mineral Field where uranium and base metals are associated with near shore biothermal sedimentation.

TOTAL postulated that the Carpentarian Cullen Granite Batholith intrusive history was similar to that of the Rum Jungle and Waterhouse Archaean granite domes.

TOTALs uranium search culminated in the discovery of many small radiometric anomalies over a twenty kilometre strike length and pods of U mineralisation at Dam, Twin and Cleos prospects.

TOTAL's exploration activity within both EL's are reported as follows:-

- EL 4414 CR85/072, 86/144, 87/67, 88,209, 89/151
- EL 4460 CR85/200, 86/204, 87/047, 89/909.

5. *GEOLOGY AND MINERALISATION*

The Allamber Springs Project area lies within the Pine Creek Inlier adjacent to a north eastern lobe of the Cullen Granite Batholith. The granite intruded sediments of the Early Proterozoic Mundogie Sandstone and Masson Formations (Figure 2) and it is largely concordant with those sediments.

Mundogie Sandstone (Ppm) as described by the BMR (1985) consists of coarse pebbly felspathic quartzite arkose and mica quartzite, minor chert and quartz pebble conglomerate, red and white banded phyllite, carbonaceous phyllite, sandy siltstone, mica-hornfels, and chiastolite carbonaceous hornfels. The BMR (1984) correlated this unit with the Crater Formation in the Rum Jungle Mineral Field.

Masson Formation (Pnm) as described by the BMR (1985) consists of carbonaceous phyllite, slate, silty phyllite, siltstone, minor quartzite, rare marble, tremolite, silicified dolomite and rare dololutite. The BMR (1984) correlated this formation with the Beestons Formation at Rum Jungle.

Along much of the granite contact zone thermal metamorphism is evident in the sediments. Locally, chiastolite and andalusite crystals are abundant in carbonaceous shales, which also show signs of hornfelsing and serictization.

A combination of field observations and data collected from previous explorers has highlighted discrepancies with the BMR mapping and its correlations with units of the Namoona and Mt Partridge Groups.

Work conducted by TOTAL Mining and Aztec indicates that an alternative interpretation is that the Masson Formation is an equivalent of Whites Formation/Coomalie Dolomite and the Mundogie Sandstone can be correlated with the Acacia Gap Quartzite. Wildman Siltstone has been excluded from the stratigraphy in this interpretation and sediments stratigraphically immediately above Mundogie Sandstone are assigned to the Koolpin Formation. The Whites Formation has been extensively intruded by Zamu Dolerite sills.

The metasediments mapped within the survey area are moderatley to gently folded. The folding intensity increases away from the granite. Large regional concordant fault structures have been mapped.

A small shaft sunk on secondary copper mineralisation developed within hornfelsed pyrrhotitic carbonaceous mudstone is located within EL 7684. No mining history has been recorded on this prospect. Mineralisation is predominantly malachite with minor azurite.

Intense exploration by TOTAL Mining Aust located uranium mineralisation in a strongly folded syncline (embayment) of Early Proterozoic metasediments enclosed by Carpentarian granite at the Cleos, Twin and Dam prospects 10kms south of Mary River homestead. The mineralisation occurs as pods of unconformity vein type uranium concentrated in axial plane faults similar to the East Alligator/Rum Jungle type.

6. *WORK CARRIED OUT AND RESULTS*

6.1 Stream Sediment Sampling

A total of 193 (-425 micron) stream sediment samples were collected from drainages within EL 7935 (see Enclosure 31 for location). The samples were collected at intervals of 300 - 400m along all active streams.

The samples were analysed at Assaycorp in Pine Creek for Cu(2) Pb(20 Zn(1) Ni(2) Mn(2) and As(2) by AAS (MA-3 method) (see Appendix I for analyses). The sample locations and analytical results for detailed stream sampling conducted within the adjoining EL's 7684 and 7138 were reported in the Year One and Year Two Annual Reports (Groves 1992; Groves 1993).

There is character in the stream sediment analyses and anomalous levels were obtained for all elements. Areas of base metal anomalism were defined during this programme and guided the follow up exploration. The anomalous levels drop quickly downstream indicating poor dispersion.

6.2 Geological Mapping

Regional geological mapping has been completed over the three EL's and adjoining ground at a 1:25,000 scale (Enclosure 1).

Detailed geological mapping has been completed at a 1:2,500 scale over six prospective areas that cover areas of geochemical anomalies and their strike extent (see Enclosure 3 for prospect location and Enclosures 13 to 20 for geology).

The geological mapping has revealed:-

- The metasediment/granite contact is mainly concordant.
- The stratigraphic sequence exposed within the EL's is interpreted from the base to be equivalents of Crater Formation, Coomalie Dolomite, Whites Formation and Acacia Gap Quartzite/Mundogie Sandstone.
- Siliceous outcrops within hornfelsed carbonaceous shale near the granite contact are after carbonate rich facies (confirmed by TOTAL Drilling) and are commonly short in strike length. A distinctive nodular Banded Iron Formation bed also occurs in the shale and is a good marker horizon.
- The metasediments have been extensively hornfelsed by the granite.
- Remant Karst fill sediments are commonly preserved over non silicious limestone/dolomite outcrops.
- Ironstone and hematite outcrops occur in large concordant structures.

6.3 Geophysics

Airborne magnetic and radiometric data flown by Aerodata Holdings as part of a multiclient survey, which included the Allamber project area, was purchased. The area was flown with 200m line spacings at 70m mean terrain clearance. The magnetic data have been presented as contours (Enclosure 2) and transparent slides of image processing. The radiometrics data have been presented on transparent slides of image processing only.

A detailed ground magnetics survey was conducted over the Black Bream Anomaly in the vicinity of the shaft with outcropping secondary copper mineralisation. Readings were taken every 12.5m on lines 100m apart. The survey was conducted using a single Geometrics Model 816 portable Proton Magnetometer. The data is presented as profiles (figure 2) and contours (figure 3). There is a magnetic high resulting from pyrrhotite in a nodular Banded Iron Formation.

6.4 Soil Sampling

Soil sampling was initially conducted to cover the areas defined by stream sediment anomalies and outcropping mineralisation. Follow up soil sampling was carried out during the field season to focus and close off these existing anomalies on a 100m x 25m pattern and to extend the coverage on a 200m x 25m pattern between the existing anomalies (see enclosure 3). A -425 micron sample was collected at each site and submitted to Assaycorp in Pine Creek for analyses for Cu(2) Pb(2) and Zn(1) by AAS (MA03) method). The results are presented in Enclosures 4 to 12.

A cupriferous horizon extends along strike either side of the outcropping secondary copper mineralisation at Black Bream. It is stratabound and positioned close to a nodular BIF marker unit in variably pyrrhotitic carbonaceous mudstone that is close to the granite contact. It occurs over an 18km strike length. Stratigraphically above this horizon is a discontinuous but generally coincident Pb/Zn anomaly mostly occurring in similar lithologies.

6.5 Costeaning and Rock Chipping

In order to follow up outcropping secondary copper mineralisation at the Black Bream Prospect and significant base metal anomalies from soil sampling several costeans were excavated utilising a bulldozer from Mary River Station (see Enclosures 13, 14, 16 and 18 for location).

Table 1

Costean Summary			
Prospect	**Number of Costeans**	**Total Meterage (m)**	**Highlights** Cu%
Black Bream	12	129	6m @ 0.11% COS10
Sleepy Cod	6	98	5m @ 0.25% SCC2
Big Barra	4	72	
Catfish	4	50	2.5m @ 0.12% CFC1 5m @ 0.10% CFC2

The costean floors were channel sampled over 5m intervals generally and the samples submitted to Assaycorp Pine Creek for analysis for Au (0.01) by Fire Assay, Cu(2) Pb(2) Zn(2) and As (2) by AAS (MA-3 method). The analyses are in Appendix II. The costeans have subsequently been backfilled and rehabilitated.

In addition, a total of 119 grab rock chip samples were collected throughout the field season. Their locations are plotted on the 1:2,500 detailed geology plans. The samples were submitted to Assaycorp Pine Creek and analysed for the same suite of elements and using the same methods as for the costean samples. The analyses are in Appendix III. The analytical results confirmed the presence of copper and lead/zinc bearing horizons associated with the stream sediment and soil geochemical anomalies.

6.6 Diamond Drilling

A total of four diamond drill holes were drilled during the 1993 field season on the Allamber Project. ASDDH1 tested downdip from outcropping secondary copper mineralisation (shaft) at the Black Bream prospect. ASDDH2 tested downdip from weaker copper mineralisation along strike from the shaft and in a magnetic high zone at the Black Bream prospect. ASDDH3, 3A and 4 were designed to test downdip from surface soil and rock chip copper anomalies in the same stratigraphy at the Catfish and Sleepy Cod anomalies respectively (see Enclosures 3, 14, 16 and 17 for location). The precollar chips were logged and core logged in detail. The precollar and water bore samples were analysed for Au (Fire Assay) and Cu Pb Zn As by AAS for all holes. Mineralised core samples from ASDDH1 were analysed at Woodcutters for Pb Zn Ag Fe Sb As Cu and MgO by AAS. The Cu analyses were checked at Amdel (Darwin) and Au analyses by Fire Assay carried out. The remaining mineralised samples were all analysed by Amdel (Darwin) for Au Cu Pb Zn Co and Ni (see Appendix IV). Sections for the diamond drilling are plotted on Enclosures 22, 24, 27 and 29. A summary of the diamond drilling statistics and results is in Table 2.

Table 2

ALLAMBER SPRINGS DIAMOND DRILLING SUMMARY

Hole Number	Method	AMG Co-ords	Azimuth Mag Brg	Dip	Interval	Comments
ASDDH 1	Precollar NQ core	8511900N 821680E	200°	62°	0-30m 30 - 120.0 EOH	7.6m @ 0.89% Cu from 74.0m 4.0m @ 0.43% Cu from 89.0m
ASDDH 2	Precollar NQ core	8512030N 821370E	200°	62°	0-30m 30-137.0 EOH	All core analysed - no significant intersection
ASDDH 3	Precollar NQ core	8508080N 821820E	108°	62°	0-30m 30-60.5	
ASDDH 3A	NQ core		108°	62°	70-156.0 EOH	14.0m @ 0.50% Cu from 129.0m
ASDDH 4	Precollar NQ core	8505880N 821160 E	70°	58°	0-33 33-179.5 EOH	11.0m @ 0.15% Cu from 157.0m

6.7 Reverse Circulation Drilling

A total of 26 Reverse Circulation drill holes (1294m) were drilled on nine sections to test for the potential of supergene copper mineralisation developed above the base of oxidation (see Enclosure 3 for location). The primary mineralisation is associated with chalcopyrite - chalcotite bearing hornfelsed carbonaceous shale, quartz veining and chlorite - biotite altered zones close to a nodular banded iron formation marker bed.

Each hole was geologically logged (Appendix V) and samples collected over 2m intervals. A smaller sample of 3-5kgs was riffle split from each 2m sample and analysed at Assaycorp Pine Creek for Cu Pb Zn by AAS (MA-3 method). The analyses and geology are plotted on sections (Enclosures 21, 23 to 30).

This programme of work has shown that secondary copper mineralisation has developed in the oxidised zone above primary mineralisation however the grades are lower than the primary ones and there has been no upgrading through supergene processes.

7. *EXPENDITURE*

EL 7138

Salaries/Labour	$4,683
Consultants	8,534
Drilling	48,977
Printing/Stationary	1,010
Contract Services	14,091
Operating Stores	2,249
Fuel	1,710
Analyses	11,500
Car Hire	2,980
Equipment Hire	5,880
Administration (15%)	15,242
Total	**$116,856**

EL 7684

Salaries/Labour	$16,128
Contract Services	3,628
Consultants	6,807
Drilling	33,751
Stationary	621
Stores	2,090
Fuel	431
Analyses	10,310
Car Hire	1,380
Equipment Hire	3,710
Administration (15%)	11,828
Total	**$90,684**

EL 7935

Salaries/Labour	$3,291
Consultants	8,813
Stores	1,200
Fuel/Tyre	104
Analyses	4,000
Contract Services	960
Equipment Hire	410
Administration (15%)	2,825
Total	**$21,663**

Combined total expended on Allamber Project ... $229,203

8. *PROPOSED WORK PROGRAMMES AND BUDGET*

EL 7138

The proposed work programme for year four is as follows:-

1.	Literature research and data compilation - TOTAL Mining data	$1,500
2.	Soil sampling and rock chipping Dam, Cleo, Twin and other areas with unconformity Au-U potential	$4,500
3.	Reverse Circulation drilling as required	9,000
	Total	**$15,000**

The estimated expenditure for year four is a minimum of $15,000 however should results be encouraging then additional work would be carried out.

EL 7684

The proposed work programme for year three is as follows:-

1.	Literature research and review of exploration results	$1,500
2.	Petrological studies and research	1,500
3.	Geological mapping and prospecting	2,000
	Total	**$5,000**

The estimated expenditure for year three is a minimum of $5,000 however should results be encouraging then additional work would be carried out.

EL 7935

The proposed work programme for year two is as follows:-

1.	Literature research and review of exploration results	$1,500
2.	Geological mapping and prospecting	2,500
3.	Costeaning and infill soil/rock chip sampling	3,000
	Total	**$7,000**

The estimated expenditure for year two is a minimum of $7,000 however should results be encouraging then additional work would be carried out.

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APPENDIX I

STREAM SEDIMENT ANALYSES

ASSAYCORP PTY LTD
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174 Ward Street, Pine Creek, N.T. 0847
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Facsimile (089) 76 1310

ASSAY CODE: AC 04812

Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)	As (ppm)
586181	20	34	103	18	250	<100
586182	45	21	48	15	87	<100
586183	27	14	29	9	133	<100
586185	15	12	35	10	200	<100
586186	12	16	54	8	150	<100
586187	15	23	59	13	113	<100
586188	19	34	86	16	133	<100
586189	32	24	101	18	264	<100
586190	12	10	38	8	171	<100
586191	15	15	45	10	178	<100
586192	20	31	135	19	565	<100
586193	15	37	141	12	328	<100
586194	11	12	44	11	199	<100
586195	41	15	56	7	213	<100
586196	85	11	36	8	177	<100
586197	65	63	132	46	388	<100
586198	44	28	94	19	741	<100
586199	55	31	89	33	222	<100
586200	116	18	37	20	685	<100
586218	85	55	447	99	226	<100
586219	19	8	42	11	137	<100
586221	14	5	26	12	140	<100
586222	42	88	118	27	518	<100
586223	61	115	88	43	653	<100
586224	18	8	78	18	319	<100

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Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)	As (ppm)
586252	9	18	29	6	180	<100
586253	12	24	30	10	99	<100
586254	6	8	8	6	148	<100
586255	7	12	12	6	140	<100
586256	4	14	15	3	79	<100
586257	8	12	16	9	154	<100
586258	6	13	11	8	103	<100
586259	<< Sample not received >>					
586301	16	12	14	12	394	<100
586302	29	22	89	20	230	<100
586303	21	16	29	23	192	<100
586304	41	55	291	47	388	<100
586305	46	110	388	24	612	<100
586306	92	134	68	15	113	<100
586307	108	156	85	31	62	<100
586308	32	52	158	21	114	<100
586309	41	122	203	18	355	<100
586310	45	89	185	20	311	<100
586311	35	28	204	29	277	<100
586312	37	14	72	12	506	<100

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Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)	As (ppm)
586259	17	65	284	21	439	4
586260	10	21	60	11	186	2
586261	8	7	24	13	493	3
586262	8	12	20	9	210	<2
586263	12	16	38	20	162	<2
586264	10	21	45	12	138	2
586265	9	25	81	14	242	3
586266	7	21	54	9	159	<2
586267	7	23	52	6	97	2
586268	7	8	38	10	186	<2
586269	5	11	17	8	107	<2
586270	9	31	79	12	136	2
586271	8	7	23	12	161	2
586272	9	22	59	10	130	2
586273	16	32	96	18	315	3
586274	14	27	130	14	366	2
586275	8	23	59	10	273	2
586276	17	39	91	16	387	9
586277	39	73	247	34	693	7
586278	30	55	162	29	423	7
586279	12	32	47	15	374	4
586280	31	61	74	16	368	10
586281	23	22	70	13	166	5
586282	44	56	123	29	178	4
586283	20	35	96	22	139	3

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Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)	As (ppm)
586284	10	7	83	15	263	3
586285	8	19	94	119	139	2
586286	24	41	265	37	865	2
586287	16	30	60	19	197	2
586288	16	41	63	14	151	<2
586289	14	22	86	19	223	3
586290	7	15	27	12	159	2
586291	4	12	19	6	119	<2
586292	5	16	19	7	129	<2
586293	10	21	36	11	147	<2
586294	<< Sample not received >>					
586295	14	14	20	11	172	<2
586296	13	10	12	8	53	2
586297	11	13	17	8	81	2
586298	16	16	18	16	201	3
586299	7	15	11	8	65	<2
586300	14	13	18	11	116	3
586314	24	41	70	20	447	4
586315	18	24	57	11	82	5
586316	11	27	52	9	212	4
586318	11	12	20	11	214	2
586319	8	12	32	6	131	3
586320	43	61	256	33	711	8
586321	6	18	30	7	99	2
586322	8	20	26	12	116	3

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Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)	As (ppm)
586323	18	22	39	16	138	<2
586324	19	67	100	12	86	4
586325	17	30	66	17	143	4
586326	6	5	15	9	84	<2
586327	58	52	209	55	163	12
586328	24	43	104	24	273	4
586329	15	7	32	23	326	<2
586330	51	47	136	38	193	8
586331	11	12	28	14	158	<2
586332	9	17	27	15	145	<2
586333	18	31	76	25	306	<2
586334	7	17	15	8	75	<2
586335	9	21	39	12	166	<2
586336	10	18	31	15	176	<2
586337	12	13	32	13	215	<2
586338	15	22	61	15	215	<2
586339	14	24	54	13	137	<2
586340	13	11	29	14	141	<2
586341	12	17	55	11	132	<2
586342	14	10	31	20	83	<2
586343	6	12	16	6	112	<2
586344	10	7	16	7	55	<2
586345	5	10	9	6	45	<2
586346	3	8	9	4	43	<2
586348	15	18	42	13	86	<2

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Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)	As (ppm)
586349	10	7	9	8	143	<2
586350	7	5	7	11	94	<2
586351	4	5	3	2	76	<2
586352	25	27	91	19	193	3
586353	12	18	68	10	100	<2
586354	26	22	136	23	322	3
586401	10	11	21	8	90	<2
586402	19	12	19	14	111	<2
586403	9	12	18	7	89	<2
586404	18	12	28	13	111	4
586405	14	8	16	11	101	3
586406	8	11	15	5	128	2
586407	6	8	17	7	72	2
586408	12	10	13	10	135	2
586409	5	6	9	2	74	<2
586410	12	9	17	11	152	2
586411	2	8	5	2	88	<2
586412	8	4	13	8	137	<2
586413	5	14	23	7	102	<2
586414	10	22	51	12	100	<2
586415	4	15	20	7	121	<2
586416	5	10	17	5	63	<2
586417	7	9	12	10	129	<2
586418	12	21	56	12	606	<2

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Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)	As (ppm)
586527	9	10	16	14	160	<100
586528	8	4	9	13	135	<100
586529	9	12	13	13	166	<100
586530	15	18	23	18	108	<100
586531	20	15	32	24	207	<100
586532	6	6	13	8	61	<100
586533	7	9	15	9	124	<100
586534	14	19	46	20	102	<100
586535	15	3	96	21	112	<100
586536	17	22	42	22	191	<100
586537	16	14	22	20	178	<100
586538	13	10	24	19	129	<100
586539	17	147	18	14	128	<100
586540	22	18	22	17	69	<100
586541	19	16	19	20	134	<100
586542	27	14	25	23	239	<100
586543	29	18	28	24	246	<100
586544	15	22	26	14	88	<100
586545	9	8	9	9	69	<100
586546	22	17	23	14	163	<100
586547	15	9	12	14	135	<100
586548	21	10	22	17	189	<100
586549	33	24	45	14	106	<100
586550	21	14	28	15	108	<100
586551	30	19	32	21	172	<100

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Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)	As (ppm)
586552	32	22	29	17	164	<100
586553	42	38	44	28	227	<100
586554	38	26	35	15	119	<100
586555	13	9	9	13	121	<100
586556	10	5	8	5	98	<100
586557	7	4	8	8	74	<100
586558	44	29	64	26	361	<100
586559	33	34	99	22	136	<100
586560	36	59	199	33	432	<100
586561	34	30	88	22	197	<100
586562	96	39	124	30	1720	<100
586563	45	82	131	22	1118	<100
586564	32	91	141	19	731	<100
586566	11	25	46	11	149	<100
586567	9	8	16	7	57	<100
586568	12	10	18	9	491	<100
586569	8	9	19	8	279	<100
586570	16	14	30	17	301	<100
586571	26	31	136	38	406	<100
586572	10	15	57	17	196	<100
586573	23	22	78	24	518	<100
586574	29	52	201	30	393	<100
586575	24	44	164	25	427	<100
586576	25	15	65	24	430	<100
586577	19	14	12	14	394	<100

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Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)	As (ppm)
586578	34	12	37	33	486	<100
586579	15	10	28	18	233	<100
586580	26	16	54	27	415	<100
586581	20	10	12	19	322	<100
586582	9	9	8	8	130	<100
586583	14	7	7	20	261	<100
586584	10	16	32	14	296	<100
586585	12	9	18	11	285	<100
586586	10	6	12	10	115	<100
586587	11	9	11	9	159	<100
586588	6	6	8	6	136	<100
586589	10	22	16	6	80	<100
586590	11	10	26	12	217	<100
586591	7	8	9	5	101	<100
586592	20	15	19	17	107	<100
586593	10	8	9	10	98	<100
586594	16	18	29	12	141	<100
586595	14	16	20	9	70	<100
586596	21	20	27	20	161	<100
586597	13	14	21	11	99	<100
586701	11	9	18	10	119	<100
586702	10	13	11	12	117	<100
586703	15	16	23	14	76	<100
586704	25	14	38	22	286	<100
586705	21	12	26	28	376	<100

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Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)	As (ppm)
586706	26	10	19	27	577	<100
586707	25	12	46	63	283	<100
586708	24	15	38	31	338	<100
586709	30	13	43	37	485	<100
586710	29	12	40	33	397	<100
586711	27	9	30	34	473	<100
586712	17	14	32	18	205	<100
586713	23	23	53	19	359	<100
586714	16	12	32	19	217	<100
586715	19	20	20	14	170	<100
586716	18	13	31	17	204	<100
586451	16	14	23	12	169	<100
586452	12	7	10	9	123	<100
586453	16	10	9	14	172	<100
586454	26	6	15	15	362	<100
586455	16	8	12	16	137	<100
586456	12	7	6	7	99	<100
586457	12	5	9	8	147	<100
586458	8	3	5	8	90	<100
586459	10	4	11	6	143	<100
586460	13	13	19	13	160	<100
586461	8	7	8	6	81	<100
586462	9	6	7	5	112	<100
586463	14	5	10	7	148	<100
586464	12	7	10	9	123	<100

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Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)	As (ppm)
586465	7	4	4	6	69	<100
586466	12	3	13	9	153	<100
586467	10	7	24	6	106	<100
586468	10	4	17	7	93	<100
586469	6	<2	8	5	87	<100
586471	13	7	33	14	165	<100
586473	25	4	18	24	510	<100
586474	29	13	48	22	362	<100
586475	9	2	9	12	245	<100
586476	14	6	23	15	478	<100
586477	10	2	12	18	196	<100
586478	9	2	14	13	233	<100
586479	8	2	8	13	165	<100
586480	10	3	9	13	111	<100
586482	13	2	10	14	169	<100
586483	12	4	9	12	124	<100
586484	17	8	13	12	184	<100
586485	19	13	19	19	211	<100
586486	15	5	15	19	240	<100
586487	9	8	11	11	91	<100
586488	10	5	9	12	125	<100
586489	11	4	10	14	168	<100
586490	6	7	11	8	107	<100
586491	6	3	18	7	194	<100
586492	6	8	31	12	172	<100

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Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)	As (ppm)
586493	5	2	34	8	109	<100
586494	6	5	18	6	99	<100
586497	10	6	60	12	103	<100
586498	12	6	30	14	159	<100
586499	16	10	48	13	206	<100
586500	18	16	68	15	271	<100
586355	27	7	53	22	491	<100
586356	19	5	12	14	183	<100
586357	19	17	41	14	191	<100
586358	10	3	11	12	134	<100
586359	21	4	9	16	164	<100
586360	9	9	9	11	123	<100
586361	13	4	12	10	116	<100
586362	12	2	8	5	83	<100
586363	12	3	7	8	94	<100
586364	10	4	9	6	58	<100
586365	16	3	15	10	166	<100
586366	20	8	18	13	227	<100
586367	16	7	10	12	105	<100
586368	16	6	14	12	115	<100
586369	16	8	16	12	119	<100
586370	9	7	7	9	88	<100
586371	13	7	8	13	134	<100
586372	19	10	15	15	274	<100
586373	31	18	27	14	285	<100

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Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)	As (ppm)
586374	65	22	131	29	757	<100
586375	25	10	19	14	154	<100
586376	32	11	15	21	317	<100
586377	24	16	32	18	221	<100
586378	16	13	13	9	112	<100
586379	8	7	6	6	61	<100
586380	12	10	9	10	171	<100
586381	9	9	8	10	77	<100
586382	12	10	10	13	166	<100
586383	11	9	11	12	168	<100
586384	7	7	10	7	135	<100
586385	12	15	9	6	136	<100
586386	13	10	13	7	108	<100
586387	8	7	9	7	74	<100
586388	20	18	16	7	65	<100
586389	18	14	14	10	136	<100
586390	20	13	18	12	149	<100
586391	7	8	10	6	84	<100
586392	15	13	23	10	73	<100
586393	21	14	22	19	283	<100
586394	14	9	10	8	106	<100
586395	27	15	23	14	184	<100
586396	17	12	18	12	143	<100
586397	18	11	15	11	148	<100
586398	25	20	34	17	212	<100

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Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)	As (ppm)
586400	10	10	12	11	122	<100
586419	45	13	24	37	89	<100
586420	15	10	18	13	157	<100
586421	10	19	20	9	113	<100
586422	8	12	13	9	136	<100
586423	12	16	18	9	114	<100
586424	11	34	15	9	130	<100
586425	6	8	8	6	98	<100
586426	4	6	5	6	123	<100
586427	10	10	16	7	169	<100
586428	10	9	11	6	157	<100
586429	12	6	14	6	240	<100
586430	10	5	10	4	157	<100
586431	17	8	25	9	236	<100
586432	9	9	15	8	110	<100
586433	11	10	18	8	158	<100
586434	6	7	15	5	157	<100
586435	5	9	12	5	108	<100
586436	4	3	8	4	103	<100
586437	5	6	6	4	62	<100
586438	4	6	5	4	43	<100
586439	7	4	8	4	66	<100
586440	8	9	10	6	106	<100
586441	11	6	11	13	181	<100
586442	8	8	9	8	150	<100

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Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)	As (ppm)
586443	7	7	15	8	80	<100
586444	10	16	48	10	82	<100
586445	6	7	25	8	111	<100
586446	7	10	31	8	136	<100
586447	8	4	12	7	91	<100
586448	5	6	9	6	99	<100
586449	12	8	18	15	247	<100
586450	5	7	11	7	69	<100
586601	9	15	33	11	242	<100
586602	5	10	18	7	67	<100
586603	8	13	27	12	218	<100
586604	6	11	38	11	121	<100
586605	11	20	64	17	129	<100
586606	10	15	74	12	67	<100
586607	8	14	33	9	106	<100
586608	8	10	20	11	142	<100
586609	25	11	52	24	508	<100
586610	30	15	35	31	315	<100
586611	14	21	61	15	100	<100
586612	13	30	102	13	122	<100
586613	10	21	59	11	80	<100
586614	5	6	14	5	109	<100
586615	6	10	22	6	109	<100
586616	6	9	16	7	104	<100
586617	5	6	10	9	92	<100

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ASSAY CODE: AC 04975

Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)	As (ppm)
586618	6	8	17	6	74	<100
586619	3	6	10	6	93	<100
586620	7	12	36	7	80	<100
586621	4	5	13	5	96	<100
586622	6	15	30	8	237	<100
586623	3	4	12	3	70	<100
586624	8	3	11	13	166	<100
586625	11	11	40	12	204	<100
586626	18	22	69	18	153	<100
586627	19	13	39	22	269	<100
586628	28	45	177	34	545	<100
586629	15	24	68	18	145	<100
586630	18	14	65	22	231	<100
586631	9	10	16	9	158	<100
586632	8	6	19	10	207	<100
586633	10	9	35	11	192	<100
586634	8	5	18	8	165	<100
586635	10	6	28	11	244	<100
586636	6	6	12	8	120	<100
586637	14	19	59	17	141	<100
586638	24	14	109	30	493	<100
586639	9	12	53	12	183	<100

APPENDIX II

COSTEAN CHANNEL SAMPLE ANALYSES

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Facsimile (089) 76 1310

ASSAY CODE: AC 07973

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	SLEEPY COD COSTEAN'S
576872	<< Sample not received >>						S.c.c. 1.
576873	<< Sample not received >>						
576874	<0.01		733	35	125	0-5 27	S.c.c. 2.
576875	<0.01		2450	21	185	5-10 46	
576876	<0.01		464	19	51	10-14 42	
576878	<0.01		608	6	69	5-10 39	S.c.c. 3.
576879	<0.01		376	84	54	10-15 43	
576880	0.01	<0.01	344	49	28	15-20 19	
576882	<0.01		815	101	127	0-5 19	S.c.c.4.
576883	<< Sample not received >>						
576884	<0.01		558	251	83	10-13.5 27	
576885	<0.01		201	45	183	0-5 9	S.c.c.5.
576886	<0.01		128	56	149	5-10 10	
576887	<0.01		197	38	96	10-13 21	
576888	<0.01		324	35	41	0-5 21	S.c.c.6.
576889	<0.01		357	86	24	5-10 33	
576890	0.04		399	158	36	10-15 27	
576891	<0.01		491	32	38	15-18 8	
576892	<0.01		522	32	54	0-5 58	S.c.c.7.
576893	<0.01		479	89	34	5-10 18	
576894	<0.01		511	50	26	10-15 32	
576895	<0.01		391	57	79	15-20 10	
576896	<0.01	<0.01	298	35	52	0-5 7	B.B.C.1.
576897	<0.01	<0.01	232	56	37	5-10 7	
576898	<0.01		293	35	90	10-15 8	

BIG BARRA

ASSAYCORP PTY LTD
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ASSAY CODE: AC 07973

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	BIG BARRA COSTEAN'S.
576899	<0.01		269	33	84	15-20 1	CON'T
576900	<0.01		224	23	150	20-23 <1	B.B.C.1.
576901	0.03		396	49	51	0-5 2	B.B.C.2.
576902	<0.01	<0.01	379	40	68	5-11.5 <1	
576903	<0.01	<0.01	455	36	116	0-5 <1	
576904	<0.01	<0.01	758	32	222	5-10 2	B.B.C.3.
576905	<0.01	<0.01	774	29	224	0-5 1	
576906	<0.01	<0.01	801	23	156	5-10 2	
576907	<0.01		463	28	75	10-15 <1	B.B.C.4. BIG BARRA
576908	<0.01		297	33	27	15-20 <1	
576909	<0.01	<0.01	320	19	34	20-28 <1	
576910	<0.01		797	40	313	0-5 20	
576911	<0.01		456	153	228	5-10 31	
576912	<0.01		762	97	145	10-15 14	C.F.C.1
576913	<0.01		1222	42	370	15-17.5 16	CATFISH COSTEANS.
576914	0.01		516	89	165	0-5 34	
576915	<0.01		1044	68	180	5-10 17	C.F.C.2.
576916	<0.01		775	55	182	10-14.5 24	
576917	<0.01		485	64	90	0-5 10	C.F.C.3.
576918	<0.01		603	59	91	5-8.2 11	
576919	<0.01		716	86	147	0-5 6	C.F.C.4.
576920	<0.01		908	51	144	5-11 16	

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ASSAY CODE: AC 07438

Woodcutters Joint Venture

Costean Sampling

Distribution
Peter Nicholson

Client Reference: 3707
Project :
Cost Code:

Date Received: 28/05/1993
Number of Samples: 20

Sample Preparation

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Cu	AAS/MA-3	Prec. ± 10%	1	ppm
Pb	AAS/MA-3	Prec. ± 10%	2	ppm
Zn	AAS/MA-3	Prec. ± 10%	1	ppm
As	AAS/MA-3	Prec. ± 10%	1	ppm

Black Bream

Authorisation: Ray Wooldridge
Report Dated: 02/06/1993

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ASSAY CODE: AC 07438

BLACK BREAM

Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)		
576801	398	9	115	66	0-5	COS 1
576802	156	7	139	19	5-8	
576803	139	<2	107	10	0-5	COS 2
576804	174	<2	71	9	5-11	
576805	487	4	115	11	0-5	COS 3
576806	558	4	51	15	5-10	
576807	674	20	71	76	0-5	COS 4
576808	323	29	21	33	5-10	
576809	825	57	115	11	0-5	COS 5
576810	400	52	94	7	5-11	
576811	452	43	278	16	0-5	COS 6
576812	413	59	193	28	5-9	
576813	392	116	189	34	0-5	COS 7
576814	388	141	234	19	5-9.5	
576815	412	341	81	17	0-4.3	COS 8
576816	463	177	123	16	4.3-8.5	
576817	649	338	77	12	0-4	COS 9
576818	270	75	80	8	4-8	
576819	632	104	31	7	0-5	COS 10
576820	1121	78	76	7	5-11	

ASSAYCORP PTY LTD
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ASSAY CODE: AC 07479

Woodcutters Joint Venture

Distribution
Peter Nicholson

Client Reference: 3708
Project :
Cost Code:

Date Received: 31/05/1993
Number of Samples: 8

Sample Preparation

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Cu	AAS/MA-3	Prec. ± 10%	1	ppm
Pb	AAS/MA-3	Prec. ± 10%	2	ppm
Zn	AAS/MA-3	Prec. ± 10%	1	ppm
As	AAS/MA-3	Prec. ± 10%	1	ppm

Black Bream Costean Samples

Authorisation: Ray Wooldridge
Report Dated: 09/06/1993

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ASSAY CODE: AC 07479

Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)		
576819	<< Sample not received >>					BLACK BREAM
576820	<< Sample not received >>					
576821	422	115	69	11	0-5	COS 11
576822	236	97	19	11	5-10	
576823	379	112	68	9	10-16	
576824	567	82	95	10	0-5	
576825	702	63	196	12	5-10	COS 12.
576826	539	76	69	12	10-15.5	

APPENDIX III

ROCK CHIP SAMPLE ANALYSES

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BLACK BREAM
ROCK – Cu SHAFT.

ASSAY CODE: AC 07036

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)	Ni (ppm)
586641	<0.01	<0.01	15.40%	<2	36	11	10	41
586642	<0.01	<0.01	5.50%	3	16	4	<2	15
586643	<0.01	<0.01	9.30%	<2	20	3	4	15
586644	<0.01	<0.01	3.65%	7	13	9	3	7
586645	<0.01	<0.01	2.18%	10	24	6	12	26
586646	<0.01	<0.01	3250	17	12	6	7	43
586647	<0.01	<0.01	1323	26	13	189	<2	7

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ASSAY CODE: AC 07036 BLACK BREAM ROCK

Sample	Sb (ppm)	Bi (ppm)	Ag (ppm)
586641	<1	<1	1.1
586642	<1	<1	0.5
586643	<1	<1	<0.5
586644	<1	<1	<0.5
586645	<1	<1	<0.5
586646	<1	<1	<0.5
586647	<1	<1	<0.5

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ASSAY CODE: AC 07035

Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	
586648	57	71	7	11	BLACK BREAM ROCK
586649	489	112	1660	341	
586650	836	97	75	51	
586651	444	30	61	174	
586652	475	224	296	351	
586653	57	21	35	17	
586654	66	273	86	119	
586655	55	62	17	47	
586656	112	10	33	46	
586657	49	<2	29	16	
586658	128	9	62	111	
586659	218	7	129	277	
586660	106	9	29	92	
586661	464	54	39	113	
586662	158	103	159	536	
586663	219	83	64	122	BIG BARRA ROCK.
586664	62	40	65	53	
586665	38	18	58	15	
586666	46	37	28	18	
586667	311	20	56	18	

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ASSAY CODE: AC 07210

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	
586668	--	--	789	141	32	49	
586669	--	--	662	444	47	20	
586670	--	--	561	47	20	55	
586671	--	--	471	37	250	451	
586672	--	--	562	15	279	458	
586673	--	--	238	57	142	351	
586674	--	--	342	273	149	404	BLACK
586675	--	--	512	44	60	27	
586676	--	--	1440	54	34	60	BREAM
586677	--	--	1970	62	12	21	
586678	--	--	476	27	48	9	ROCK.
586679	--	--	618	62	60	115	
586680	--	--	392	15	75	26	
586681	--	--	713	72	46	25	
586682	--	--	211	46	206	78	
586683	--	--	123	31	348	39	
586684	<0.01	<0.01	469	356	1140	638	
586685	--	--	103	44	110	47	
586686	--	--	48	41	83	20	
586687	--	--	98	120	72	43	
586688	--	--	303	258	111	46	
586689	--	--	727	82	61	564	
586690	--	--	673	378	44	52	
586691	--	--	483	157	62	15	
586692	<< Sample not received >>						

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ASSAY CODE: AC 07210

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	
586693	--	--	409	59	39	88	BLACK BREAM ROCK
586694	--	--	787	78	64	42	
586695	--	--	100	33	13	9	
586696	--	--	653	107	175	14	
586697	--	--	428	183	81	20	
586698	--	--	489	101	193	28	

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ASSAY CODE: AC 07314

Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	
586699	350	492	1056	51	ARCHER FISH ROCK.
586700	413	259	221	39	
586718	23	21	94	18	

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ASSAY CODE: AC 07436

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Rock Chips
586692	<0.01	<0.01	600	383	135	47	BLACK BREAM ROCK CHIP.
586719	<0.01		37	2	6	4	REGIONAL QUARTZ VEINS. (M. TEELON SAMPLE)
586720	<0.01		114	<2	41	4	
586721	<0.01		37	2	<1	2	
586722	<0.01		7	<2	3	3	
286729	<0.01	<0.01	27	133	52	4	BIG BARRA ROCK CHIPS
286730	<0.01		49	104	88	9	
286731	<0.01		26	33	34	3	
286732	<0.01		46	96	308	6	
286733	<0.01		30	11	98	4	
286734	<0.01		137	107	422	26	
286735	<0.01		25	102	52	14	
286736	<0.01		97	1198	309	17	
286737	<0.01		67	807	451	54	
286738	<0.01	<0.01	30	146	87	25	

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ASSAY CODE: AC 07480

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	
586723	0.01		1081	101	74	1945	Sleepy Cod-Rock
586724	0.06		240	694	2490	177	Rainbow Fish-Rock
586801	<0.01		64	29	52	24	Catfish Rock
586802	<0.01		95	159	65	23	
586803	<0.01	<0.01	59	23	234	239	
586804	<0.01		24	49	46	16	Sleepy Cod Rock
586805	<0.01		33	231	840	91	
586806	0.03		21	30	51	25	
586807	<0.01		78	32	42	41	oxeyed Herring Rock
586808	0.01		126	4	662	24	
586809	0.05	0.06	171	9	269	36	
586810	0.02		261	23	1951	19	

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ASSAY CODE: AC 07494

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	
586811	0.01		55	1074	386	217	SLEEPY COD ROCK
586812	0.02		36	233	533	178	
586813	<0.01		55	106	1616	189	
586814	<0.01		45	62	168	23	
586815	<0.01		46	28	84	201	
586816	0.01		189	3	43	29	
586817	0.06		569	267	75	256	
586725	<0.01	<0.01	48	94	50	9	ARCHER FISH ROCK.
586726	<0.01		16	117	70	6	
586727	<0.01		78	2630	330	66	
586728	<0.01		123	94	308	186	
586739	<0.01	<0.01	273	89	142	22	

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ASSAY CODE: AC 08259

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	
586860	<< Sample not received >>						
586861	0.01	<0.01	564	42	123	76	BIG BARRA ROCK.

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ASSAY CODE: AC 08313

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	
586862	<0.01		206	5	23	7	OXEYED HERRING ROCK.
586863	0.01	0.01	476	10	3990	34	
586864	0.01		495	8	38	10	
586865	0.02		95	10	45	18	
586866	0.01		1304	28	515	38	
586867	0.01		221	30	151	7	

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ASSAY CODE: AC 08419

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	
586868	0.02	<0.01	145	391	493	310	between Sleepy Cod Catfish
586869	0.01		366	175	114	230	
586870	<0.01	<0.01	84	9	508	11	Sth of Sleepy Cod
586871	0.14	0.12	443	233	1284	49	
586872	0.02	0.02	267	19	2360	20	
586873	0.15	0.15	660	53	215	17	
586896	<0.01	<0.01	219	32	74	28	C Cleos
586897	<0.01	<0.01	196	6	3630	10	Archer Fish
586898	<0.01	<0.01	101	16	301	56	
586899	<0.01	<0.01	16	3	514	20	
586900	<0.01		83	300	516	35	Brumby Gap

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ASSAY CODE: AC 08552

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	
586894	<0.01	<0.01	42	532	2805	28	RAINBOW FISH ROCK.
586895	0.04	0.04	43	268	3954	30	
MT 1	<0.01	<0.01	--	--	--	--	

APPENDIX IV

DIAMOND DRILL LOGS AND ANALYSES

Allamber Springs | Cu Show (Block Cream)

Depth (m)	WB1 WATER BORE LOG 16/6/93	
0-2	Red brown Hematitic micaceous schist + 10% Qtz + clays	~2000 gal/hr
2-4	hematitic micaceous & siliceous schists + 5% Qtz	
4-6	brown + move micaceous schists, some with a siliceous component 1% Qtz	
6-8	brown to kaki Hem + lim micaceous schists trace Qtz	
8-10	micaceous schists, 5-10% Qtz, Qtz mica metasedc probably after sst/slst	Dk fgr Biotite Qtz metased p a fgr biotite & being siliceous
10-12	80% Dk fgr Biotite Qtz metased + 20% Brown med gr Qtz mica metased	
12-14	Water Table - Base of Ox (80%) (10%) Dk blue black fgr biotite & Qtz metased ε 1-2% fresh py, Similar to Metased in precollar of ASDDH 1.	
14-16	Dk fgr biotite Qtz meta sed ε 5-7% py minor med gr Qtz biotite (20%) metased	

Depth (m)

WB1 cont

16-18 Dk fgr biotite Qtz metased + 1-2% py
5% medgr muscovite schist + trace Qtz biotite
metased

18-20 Mod dk medgr Qtz (50%) biotite (40%)
metased probably after sct/slst, Trace py
1% Qtz

20-22 20% Medgr Qtz biotite metased 80%
fgr dk Qtz mica metased, trace py, 5% Qtz

22-24 Med to fgr Qtz mica (biotite) metased
10% Qtz, mica content varying 80% - 20%, Trace py

24-26 Med gr dk Qtz mica metased trace py
~20% Qtz (vrs)

26-28 Med to fgr dk Qtz mica metased trace py
10-15% white & greenish Qtz

28-30 Med to fine dk Qtz biotite metased
1% py

16 June 1993 Precollar log ASDDH 1

Depth (m)	
0-2	Clays + hematitic chips + 10% Qtz + Int weathered med gr (~½mm) Qtz mica meta sandstone
2-4	Qtz mica (muscovite) meta sedst (sst or Slst) c̄ minor Fe staining + ~5% Qtz
4-6	as above
6-9	as above + dark Qtz (trace) c̄ py + pyrrhotite
9-11	fine-med gr micaceous metased less Qtz in sediment - maybe grading into shale
11-13	fine gr micaceous meta Slst, minor Fe Staining on surfaces + slightly sil, 5-7% Qtz
13-15	fine gr dark Qtzite, c̄ minor mica biotite + f-med gr Qtz mica schist
15-17	fine-med gr Qtz muscovite + biotite metased, 20% fgr Qtzite + 10% Veined Qtz
17-19	Dark blue black fgr. meta sed, c̄ fine biotite + ~1% fresh py, possibly after Sst or Slst not carbonate - negative acid test

ASDDH 1 cont.

Depth (m)		
19-21	as above	~2-5% Py
21-23	as above	wet sample . water table
23-25	fine gr dk Qtz biotite metased + 20% med-fgr dk Qtz biotite metased + trace med-fgr light Qtz rich ε minor biotite metased 1-2% py	
25-27	Dk fgr Qtz biotite metased ε 1-2% py greenish Qtz ε 5% py	
27-29	Dk fgr Qtz biotite metased . 10% greenish + white Qtz 1-3% py	
29-30 EO Precollar	Dk fgr Qtz biotite metased 5% py 5% greenish Qtz	

WOODCUTTERS JOINT VENTURE
CORE LOGGING SHEET

Date: 17/11/93
Logged by: I. Butler

Hole: ASDDH 1
Page No. 1 of 2

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
30																								Precollar 0-30m Start NQ core
33.0	90%	5													tr									ARKOSE Hybrid zone 20m biot - qtz - feld ± chl
36.0																								rock. Mottled appearance chl. - biot clots. w. oxid.
38.7																								to ≈ 42-45m
41.8																								
45.0																								42.0 HORNFELSED CBC SHALE Chiast pyritic carbonaceous
48.0																								mudstone Less cbc initially, c̄ occ biot. beds
51.0																								
54.0																								
57.0															1-2				5-10%					increasing cbc, py ± po content
60.0																			1-5%					
63.0																			1-5%					
66.0																			tr					63.8 ARKOSE? Biot- 65.0 chl-qtz schist
69.0		4	20.5	S3											75%									
72.0		5																					pet	71.5 Biot, chl ARKOSE? - qtz schist.
75.0																1%								Diss cpy blebs throughout. Antipathetic -74. tart Cpy r/chin c̄ py and po -75-76 ~ 1% Cpy
78.0																1-3%							pet	76-76.5 ~ 1-2% Cpy 76-76.5 ~ 3-6% Po -77.0 1-2% Cpy GRANITE DYKE
81.0																1-2%								-78.5 -79.5 } 1-2% Cpy
84.0		4	23.4 25.0	Stt.																				-80 graphitic slickensides + qtz in shear 85.5
87.0		3		VI.																				GRANITE DYKE Red hem? qtz + milky qtz graphitic shear 20 deg 89.5
90.0		2	20.5																					
93.0		4													92.5 - 1-2%									92.5 2-3% Cpy
96.0		5				25°									94.0 -	2-3%								-96.0 95.0
99.0		5													1-2%								pet	NODULAR BIF Actinolite chlorite - biotite ± garnet schist c̄ saccatoidal chert
102.0		4																						nodules and beds. Abund. Py c̄ tr Po. Abund. garnet 105m onwards. Py is dom
105.0		5																	tr					stratiform (bedded)
108.0		5																						

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: 17/11/93
Logged by: I. Butler

Hole: ASDDH 1
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
108.0																								
111.0		4													tr									Py decreases and garnet increase.
114.0		5			≈40°																			
117.0						60																	→ pet	
120.0																							118 LEAVING DIKE 119 120.0 EOH	

1. Spotted slate
2. Slate
3. Dololutite
4. Laminated dololutite
5. Tuff marker bed
6. Massive sulphides
7. Calcareous dyke
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Dip angles measured with respect to long core axis, sense measured with respect to cleavage

ASSAYCORP PTY LTD
A.C.N. 052 982 911
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 07744

Woodcutters Joint Venture

Distribution
Andrew Grove.

Client Reference: 3711
Project :
Cost Code:

Date Received: 13/16/1993
Number of Samples: 30

Sample Preparation

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Cu	AAS/MA-3	Prec. ± 10%	1	ppm
Pb	AAS/MA-3	Prec. ± 10%	2	ppm
Zn	AAS/MA-3	Prec. ± 10%	1	ppm

Black Bream
ASDDH 1
& WC 1
Precollar Samples

Authorisation: Ray Wooldridge
Report Dated: 23/06/1993

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ASSAY CODE: AC 07744

	Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	
0-2	576827	1366	71	256	ALLAMBER SPRINGS WATER BORE 1
2-4	576828	2088	18	280	
4-6	576829	1374	19	242	
6-8	576830	820	6	330	
8-10	576831	333	9	478	
10-12	576832	149	17	493	
12-14	576833	165	26	730	
14-16	576834	130	50	713	
16-18	576835	139	34	209	
18-20	576836	28	8	107	
20-22	576837	33	16	120	
22-24	576838	17	4	69	
24-26	576839	8	11	76	
26-28	576840	65	10	138	
28-30	576841	10	<2	78	
0-2	576842	328	64	166	ASDDH 1 PRECOLLAR
2-4	576843	169	117	329	
4-6	576844	60	10	138	
6-9	576845	187	6	190	
9-11	576846	384	10	175	
11-13	576847	507	18	201	
13-15	576848	618	8	182	
15-17	576849	518	14	204	
17-19	576850	125	2	92	
19-21	576851	82	5	122	

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ASSAY CODE: AC 07744

Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	
21-23 576852	105	4	100	ASDDH 1 Precollar.
23-25 576853	115	2	87	
25-27 576854	105	10	77	
27-29 576855	181	11	143	
29-30 576856	132	13	93	

ASDDH 1

Description

Geology

Depth (m) Interval (m) 17/6/93

LAB I.D.	SAMPLE	#	Pb	Zn	Ag	Fe	Sb	As	Cd	Cu	時	MgO	Ni	Co
10885	Geos BBD 1	1	0.04	0.12	11	2.20	<0.01	<0.01		0.74	74.6-76	1.4		
86	2	2	0.04	0.06	17	2.97	<0.01	<0.01		2.09	76-77	1		
87	3	3	0.03	0.03	10	1.68	<0.01	<0.01		0.07	77-78	1		
88	4	4	0.04	0.03	5	2.56	<0.01	<0.01		0.02	78-79	1		
89	5	5	0.03	0.05	16	1.99	<0.01	<0.01		2.07	79-80	1		
90	6	6	0.03	0.02	8	2.77	<0.01	<0.01		0.44	80-81	1		
91	7	7	0.03	0.02	6	3.64	<0.01	<0.01		0.83	81-82	1		
92	8	8	0.04	0.59	8	4.71	<0.01	<0.01		0.08	82-83	1		
10893	9	9	0.05	0.04	6	5.91	<0.01	<0.01		0.09	83-84	1		
		10												
		11						74.6 - 82m						
		12						7.4m dominic			0.89%	Cu		
		13												
		14						76 - 80m						
		15						4m dominic			1.06%	Cu.		
		16												
		17												
		18												
		19											Ni, Co	
		20												
		21												
		22												
		23												
		24												
		25												

EL 7684

Description

Geology

ASSDM 1 18/6/93

LAB I.D.	SAMPLE	#	Pb	Zn	Ag	Fe	Sb	As	Cd	Cu	Bi	MgO	Ni	Co
10921	Geos BBD 10	1	0.05	0.03	14	5.59	0.02	<0.01	[illegible]	0.03		0.70		
22	11	2	0.04	0.02	12	4.21	0.01	<0.01	[illegible]	0.03		0.65		
23	12	3	0.04	0.01	10	1.18	0.01	<0.01	[illegible]	0.05		0.04		
24	13	4	0.03	0.01	11	2.11	<0.01	<0.01	[illegible]	0.07		0.55		
25	14	5	0.03	0.02	5	0.87	<0.01	<0.01	[illegible]	0.07		0.07		
26	15	6	0.03	0.01	12	1.54	<0.01	<0.01	[illegible]	0.01		0.73		
27	16	7	0.04	<0.01	13	4.36	<0.01	<0.01	[illegible]	0.26		1.36		
28	17	8	0.03	0.01	13	4.31	<0.01	<0.01	[illegible]	0.03		0.97		
29	18	9	0.03	0.11	11	2.89	<0.01	<0.01	[illegible]	0.36		1.09		
30	19	10	0.02	<0.01	11	1.43	<0.01	<0.01	[illegible]	1.07		0.86		
10931	Geos 5335-07-1	11	0.09	0.01	12	1.79	<0.01	<0.01		<0.01		8.32		
32	2	12	11.2	28.4	181	4.92	1.74	0.40		0.21		0.50		
33	3	13	0.50	0.76	53	3.77	0.07	0.24		0.02		6.26		
34	4	14	0.04	0.04	9	7.06	<0.01	<0.01		0.02		10.6		
35	5	15	0.03	0.02	12	7.26	<0.01	0.01		0.03		9.98		
36	6	16	0.03	0.01	4	1.98	<0.01	0.06		<0.01		11.0		
10937	Geos 5075-05-1	17	0.04	0.01	5	0.83	<0.01	0.01		0.01		16.9		
38	3	18	0.31	0.30	15	1.19	<0.01	<0.01		<0.01		13.1		
		19												
		20												
		21												
		22												
		23												
		24												
		25												

amdel

Job: 3DN0646A
O/N: 043097/3719

Final AS DDH 1

ANALYTICAL REPORT

	SAMPLE	Au	AuDp1	Cu
74.6 - 76m	BBD01	<0.01	--	7600
76 - 77	BBD02	<0.01	<0.01	1.85%
77 - 78	BBD03	<0.01	--	670
78 - 79	BBD04	<0.01	--	190
79 - 80	BBD05	<0.01	--	2.14%
80 - 81	BBD06	<0.01	--	4220
81 - 82	BBD07	<0.01	--	8970
82 - 83	BBD08	<0.01	<0.01	700
83 - 84	BBD09	<0.01	--	850
84 - 85	BBD10	<0.01	--	320
85 - 86	BBD11	<0.01	--	340
86 - 87	BBD12	<0.01	--	580
87 - 88	BBD13	<0.01	--	690
88 - 89	BBD14	<0.01	--	740
89 - 90	BBD15	<0.01	--	110
90 - 91	BBD16	<0.01	--	2170
91 - 92	BBD17	<0.01	--	310
92 - 93	BBD18	<0.01	--	3930
93 - 94	BBD19	<0.01	--	1.05%
UNITS		ppm	ppm	ppm
DET.LIM		0.01	0.01	2
SCHEME		FA1	FA1	AAS2
				AAS2C

ASDDH2 Precollar Log 17/6/93
Black Bream

Depth (m)	
0-2	Int w med gr Hornfelsed carbonaceous black shale c̄ diss limonite + hematite possiably after sulphides + anderlusite crystals ~ 1mm
2-4	as above + minor Qtz
4-6	med-fine gr Hfled Black shale, med gr Hfled BShl contains some mica + Anderlusite, 5-10% Qtz
6-9	as above Trace Qtz, 10% limonitic material
9-11	Hfled BShl intensly Hematitic + limonitic possiably after sulphides
11-13	as above + trace Qtz
13-15	Hfled BShl + 5.0% Qtz, mica (muscovite) + clay
15-17	fgr Int Hematitic Hfled BShl slightly siliceous, minor limonitic staining + 1% Qtz
17-19	as above trace Qtz

Depth (m)	ASDDH2 cont					
19-21	fgr Int Hem & lim Hfled BShl					
21-23	as above + trace tarnished py					
23-25	f-med gr Anderlusite rich Hfled BShl trace fresh py					→ Base of Ox
25-27	fgr Hfled BShl c̄ Anderlusite ~ 1-5% fresh py 1-2%					
27-29	as above	5-10% py				
29-30	as above	7-10% py	trace Qtz			
End of Procollar						

WOODCUTTERS JOINT VENTURE
CORE LOGGING SHEET

Date: 17/11/93
Logged by: I. Butler

Hole: ASDDH 2
Page No. 1 of 2

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
3.0																								Precollar 0-30m
																								Start NQ core
33.0	70%	4													1									HORNFELSED CBC MUDSTONE
36.0		5													2									
39.0		5													2									38.5 granite dyke (20cm)
42.0		4	40	S2											1									42.5 granite dyke (20cm) } broken ground & slicks
45.0		2	44 45																					
48.0		1	47	S1																				48.2 granite dyke dom qtz. Emerald green mineral 51.0
51.0		4																						
54.0		5													tr			3-5%						
57.0																								
61.4																								
64.5			65.5	S3																				
67.6			66.5																					
70.7																								
73.8																								70.8 – 72.0 granite dyke
76.9																		5-10%						
80.0																								
83.0			83.4	S3															tr					Fgr. bnt - qtz ± chl rock. ARKOSE 83.0
86.0			86	S3											tr				tr					HFD CBC MUDSTONE 86.0
89.0		4																	>5%					Tr Po ARKOSE 87.5
92.0		5																						HORNFELSED CBC MUDSTONE 89.0 Dk black chlorst c.bc shale. Abund. Po
95.0																								
98.0																								
101.0																								100 granite dyke 10cm
104.0		4	103.6	S2									tr		1									103.6 – 104.2 granite NODULAR GTK dyke c tr sphal.
107.0		2	104.2	S3											2				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. 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: 17/11/93
Logged by: I. Butler

Hole: ASDDH 2
Page No. 2 of 2

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
107			107.9	~~V3~~																				
110.0	>98%	3													2				tr					109.6 } granite dyke 110.13
113.0		5				45									2				1-3%					113.0 HORNFELSED CBC MUDSTONE
116.0															1				>5%					
119.0															tr									118 granite dyke (20cm)
122.0																								
125.0																								126.0 NODULAR BIF
128.0						90									1				1-2%					127 30cm gran. dyke
131.0																<1			tr					130.2 } Tr cpy in 131.4 } sil granite vn
134.0					65	55										<1								133 garnets start and increase down hole. Note bands and less nods.
137.0																								137.0 EOH

1. Spotted slate
2. Slate
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4. Laminated dololutite
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Dip angles measured with respect to long core axis, sense measured with respect to cleavage

ASSAYCORP PTY LTD
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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 07843 ASDDH2 PRECOLLAR

Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)
576857 0-2	365	794	97
576858 -4	310	1082	113
576859 -6	235	654	48
576860 -9	525	825	307
576861 -11	348	352	137
576862 -13	375	129	170
576863 -15	280	241	118
576864 -17	180	88	127
576865 -19	330	148	205
576866 -21	490	168	645
576867 -23	340	148	318
576868 -25	283	136	30
576869 -27	220	579	159
576870 -29	256	402	172
576871 29-30	160	275	1070

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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

19 JUL 1993

ANALYSIS REPORT :

Your Reference	: 042805/3665	Our Reference	: 3DN0526
Samples Received	: 03/07/93	Results Reported	: 06/07/93
Number of Samples	: 46	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.

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

Approved Signature:

for

ALAN CIPLYS
Manager - Darwin
AMDEL LABORATORIES LIMITED
A.C.N. 009 076 555

amdel

Final

Job: 3DN0526
O/N: 3665

ASDDH 2 CORE

ANALYTICAL REPORT (30 - 137.0m EOH)

SAMPLE	Au	AuDp1	Cu	Pb	Zn	Co	Ni
584001	<0.01	--	150	25	115	19	64
584002	<0.01	--	110	96	310	17	45
584003	<0.01	<0.01	145	27	310	19	92
584004	0.06	--	230	13	720	30	160
584005	<0.01	--	145	26	750	23	125
584006	<0.01	--	230	19	740	29	145
584007	<0.01	--	220	14	550	22	145
584008	<0.01	--	380	15	150	27	135
584009	<0.01	--	250	15	56	19	120
584010	<0.01	--	290	14	97	19	100
584011	<0.01	--	330	23	185	18	120
584012	<0.01	--	210	32	135	18	81
584013	0.09	--	210	<4	105	24	48
584014	<0.01	--	180	<4	97	20	35
584015	<0.01	--	125	8	85	16	25
584016	<0.01	--	68	<4	160	28	34
584017	<0.01	<0.01	185	190	620	21	120
584018	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
584019	<0.01	--	200	71	350	20	125
584020	<0.01	--	190	100	740	22	110
584021	<0.01	<0.01	220	69	580	33	120
584022	<0.01	--	110	165	890	19	105
584023	<0.01	--	180	240	1650	19	100
584024	<0.01	--	87	36	96	11	35
584025	<0.01	--	210	41	92	20	115
584026	<0.01	--	130	38	270	17	62
584027	<0.01	--	180	12	330	23	69
584028	<0.01	--	210	19	250	21	105
584029	<0.01	--	175	20	500	19	89
584030	<0.01	--	155	20	280	19	88
584031	<0.01	--	165	9	130	26	88
584032	<0.01	--	99	11	42	18	47
584033	<0.01	--	185	19	370	20	110
584034	<0.01	<0.01	250	10	510	35	150
584035	<0.01	--	130	8	260	16	64
584036	<0.01	--	56	9	59	11	10
584037	<0.01	--	140	62	400	18	77
584038	<0.01	--	230	14	450	25	125
584039	0.02	--	210	12	550	19	120
584040	<0.01	--	240	8	990	27	145
584041	<0.01	--	220	8	620	19	130
584042	<0.01	--	240	185	3940	20	120
584043	<0.01	--	240	940	3560	32	135
584044	<0.01	--	250	330	860	22	100
584045	<0.01	<0.01	310	14	55	19	115
584046	<0.01	--	300	11	510	28	155
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DET.LIM	0.01	0.01	2	4	2	4	4
SCHEME	FA1	FA1	AAS1	AAS1	AAS1	AAS1	AAS1

Catfish Water bore
WB2 29/6/93

Depth (m)	
0-7	No sample collected
7-9	Clays & minor Qtz
9-11	Clays c. minor amounts of Qtz biotite metaslst micaceous sed & Qtz
11-13	Clays & minor Qtz
13-15	Clays & minor Qtz, gn, micaceous sed
∴ little water	
15-17	Clays & mod Qtz & Micaceous sed
17-19	as above
19-21	Clays + high Sil Micaceous sed & some <0.5cm Qtz vning, minor Qtz
21-23	Clays & high Sil micaceous sed + Qtz
23-25	Clays, Qtz biotite metaslst & sil micaceous sed
25-27	Wet sample - Qtz biotite/mica metaslst - minor Qtz

WB2 cont

Depth (m)	
27-29	fgr dk Qtz biotite metaSlst
29-31	dk fgr Qtz biotite metaSlst < ~10% t brown micaceous sed
31-33	as above 5% micaceous sed
33-35	fgr Qtz biotite metaSlst ε trace py < 5% micaceous sed
35-36	as above
End of Precollar	

Allamber Springs Precollar log

ASDDH 3 - Catfish 28/6/93

Depth (m)	
0-2m	Dk hematitic micaceous sed (BkSh) č 5% Qtz, sed med gr č 1-5mm Qtz Feldspar mica (gn) Vns
2-4	Dk hem graphitic Hfl bkSh, minor Qtz
4-6	Dk med gr hematitic graphitic hfl bkSh minor Qtz + gn vn material
6-9	as above
9-11	as + rare Qtz + gn vns
11-13	as above
13-15	Int hem as above
15-17	as above + ~20% glassy Qtz
17-19	Dk hem graphitic Hfl bksh č Anderlusite xals ~10% Qtz
19-21	80% pale milky white Qtz + 20% hem graphitic Hfled bkSh
21-23	70% Qtz, 30% V Int hem graphitic bkSh
23-25	80% Int hem Hfl bksh, 20% milky white Qtz

Depth (m)	ASDDH 3 cont.
25-27	hem graphitic hfl bk sh c Anderlusite crystals & ~5-7% Qtz
27-29	as above c fresh py ~1%
29-30	as above c 3-5% Qtz & ~<1% py
End of Precollar	

Precollar Log
ASDDH-3A

6/7/93

0-2m	Red brown hematitic SQMA predom micaceous sed & trace Qtz	
2-4	Greyish Qtz mica (muscovite & biotite) Sediment, trace Qtz	
4-6	as above	~5% Anderlusite
6-9	as above	5-7% Anderlusite crystals seperated after hammering
9-11	Dk grey brown med-fgr Hfl BkSh	
11-13	Dk grey black med-fgr Hfl BkSh c̄ high % Anderlusite	
13-15	as above	
15-17	Hfl BkSh + A, 50% Qtz & ..cal amounts of gn dyke material	
17-19	Hem Hfl BkSh + A & minor mic sed	5% Qtz
19-21	as above	trace Qtz
21-23	as above	

ASDDH 3A cont

23-25	VInt hem Hfl BkSh ε A	& 10-15 % Qtz
25-27	as above	25-30% Qtz
27-29	VInt hem Hfl BkSh ε Int A	& 1% Qtz
29-31	as above	10% Qtz
31-33	as above fresh py in Qtz	1% Qtz & Trace
33-35	as above	
35-37	as above	
37-39	Dk Black graphitic, Int Hem Hfl Bk Sh ε mod A xals mod Qtz ~5% & rare fresh py assoc. ε hem rich Qtz	
39-41	Wet sample as above	~10% Qtz & 1% py
41-43	fgr Bk micaceous ~~Hem~~ Hfl. Bksh - low A xals Qtz ~10%, py <1%	
43-45	as above, 20% W Qtz	trace py

ASDDH 3A cont

23-	45-47	fgr mica rich Bk ~~Hem~~ Hfl Bksh c̄ 20-25% Qtz & 1% py assoc c̄ both Qtz & Bksh
25-	47-49	f-med gr Bk ~~Hem~~ Hfl Bksh c̄ high A xals & 20% Qtz & ~ 1% py
27	49-51	as above 5% Qtz, trace py
29	51-53	Med gr lt grey blue Qtz mica sed c̄ trace py, trace Qtz
31	53-55	as above 2-3% Qtz
33 35	55-57	80% W & greenish Qtz & minor py & Qtz mica sed
37	57-59	40% Qtz (W) minor py & Qtz mica (Biotite) sed
	59-61	30% W Qtz, minor py & SQB
39	61-63	med-fgr SQMA n 1% py & 5% Qtz
41	63-65	as above 1% Qtz
41	65-67	fgr Qtz mica, 1% Qtz trace py & possibly sphalerite or Garnet - Clear ginger brown
	67-69	as above End of precollar

No sp

WOODCUTTERS JOINT VENTURE
CORE LOGGING SHEET

Date: 18/11/93
Logged by: Sutter

Hole: ASDDH 3 3A
Page No. 1 of 2

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
30.0																								0-30m precollar 30-60.5 ASDDH 3 70-150.0 ASDDH 3A
33.0	80	1													tr									hematitic S fol HORNFELSED MUDSTONE CBC
36.0	20	1		51																				graphitic shear zone. Abund sticks. Dk grey - black Sheared graphitic andalusite (lge xstals) chl schist
39.0	33	2																						
			40																					
40.0	>90	4																						
45.0	40	3																						
48.0	50	3	47																					
51.0	>90	2	50												tr									ARKOSE
54.0		1	53.5	53																				musc - chl - feld - qtz with a little biot schist. Possibly after arkose.
57.0		4																						
60.5		2																						
70.0						50																		
73.0		4																						
76.0		5																						
79.0		4																						
82.0		3																					80 - Pg dyke (2cm)	BANDED BIOT-CHL SCHIST
85.0		3																						Banded biot-chl rich intervals and musc
88.0		3																						
91.7		4				15																		
94.0		2	92.5 90	53																			96 - Pg dyke (2cm)	
97.0		4																						
98.4		3																						
101.0		4																						clotted text.
104.0		4																						
107.8		2	100	Sl/vl											1								104.5 - Pg dyke numerous qtz Pg dykes	BIOT-CHL-GARNET SCHIST Biot-chl-garnet schist. Tr % + possible chert nodules in places. Abund Pg dykes/vns. Dark mineral (b
110.6		3	100																					
112.9		2																						

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: 18/11/93
Logged by: I. Butler

Hole: ASDDH 3 3A
Page No. 2 of 2

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
112.9																								in Pg/qtz veins/lookes. (hornblende?)
115.7	>90	3													1									
118.0		5																	tr					
120.0		4																						
123.0		5																						
		5	tr	~~S2~~																			pet. 122 – 127	chert nodules? s. alt BIF?
126.0																								
129.0		4		V1																				
132.0		4														tr								bound chl-biot FAULT ZONE Granitic dyke, qtz vein and qtz vein breccia ē abund py + tr cpy
135.0		4													3-5%	<1								
138.0		5		V1/B1											1-3%	<1								
141.0		2													"	1-2							139 – 138.8 pet	chalcocite? diss GRAPHITE-CHL-MUSC SH SAR throughout. Graphitic muscovite, qtz-chlorite-biot. shear zone (B11) ē cpy + py ± cc.?
144.0		3													"	<1							145 – 143 pgt	Pg dyke zone MUSC-FELD-BIOT SCHIST
147.0		3													1									Musc-feld-biot schist
150.0		4		S2																				Gneissic text. in places 0° to CA @ 153.8.
153.0		3																						
156.0		4																						

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

ASSAYCORP PTY LTD
A.C.N. 052 982 911
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 08128

Woodcutters Joint Venture

Distribution
Peter Nicholson

RECEIVED 20 JUL 1993 BY

Client Reference: 3714
Project :
Cost Code:

Date Received: 02/07/1993
Number of Samples: 41

Sample Preparation

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%	1	ppm
Pb	AAS/MA-3	Prec. ± 10%	2	ppm
Zn	AAS/MA-3	Prec. ± 10%	1	ppm
As	AAS/MA-3	Prec. ± 10%	1	ppm

Precious Calc & ASDOH3 & 3A

Authorisation: Ray Wooldridge
Report Dated: 14/07/1993

ASSAYCORP PTY LTD
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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 08128 ASDDH 3 PRECOLLAR

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
0-2 576921	<0.01		183	69	502	20
-4 576922	<0.01		146	84	407	18
-6 576923	<0.01		182	52	252	9
-9 576924	<0.01		150	369	190	16
-11 576925	<0.01		191	227	143	15
-13 576926	<0.01		184	71	182	13
-15 576927	<0.01		151	68	153	16
-17 576928	<0.01		229	31	145	17
-19 576929	<0.01		323	39	201	21
-21 576930	<0.01	<0.01	259	57	165	13
-23 576931	<0.01		250	127	213	15
-25 576932	<0.01		80	81	63	19
-27 576933	<0.01		46	99	36	18
-29 576934	<0.01		133	85	62	19
-30 576935	0.01	<0.01	163	96	70	24
WATER		BORE	2	ALLAMBER	SPRINGS	
576936	<< Sample not received >>					
576937	<< Sample not received >>					
576938	<< Sample not received >>					
7-9 576939	<0.01		606	184	333	10
-11 576940	<0.01		571	137	307	13
-13 576941	<0.01	<0.01	595	44	368	6
-15 576942	<0.01		886	75	406	11
-17 576943	<0.01		962	37	261	9
-19 576944	<0.01	<0.01	1235	31	308	10
-21 576945	<0.01		1558	18	346	14

ASSAYCORP PTY LTD
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Telephone (089) 76 1262
Facsimile (089) 76 1310

ASSAY CODE: AC 08128

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
21-23 576946	0.01		1466	45	324	11
-25 576947	<0.01		1042	45	309	13
-27 576948	<0.01		557	32	227	11
-29 576949	<0.01		439	35	256	9
-31 576950	<0.01		314	41	254	7
-33 576951	<0.01		321	47	260	13
-35 576952	<0.01	<0.01	379	50	288	13
-36 576953	<0.01		778	42	249	98
586855	<0.01		914	78	105	61
586856	<0.01		191	197	36	48
586857	<0.01		119	83	55	22
586858	<0.01	0.01	40	42	13	27
586859	<0.01		36	74	61	22
586860	<0.01		19	6	29	31
579872	<0.01		739	89	182	49
579873	<0.01	<0.01	636	22	284	43

Rock chips

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174 Ward Street, Pine Creek, N.T. 0847
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Telephone (089) 76 1262
Facsimile (089) 76 1310

ASSAY CODE: AC 08257

Woodcutters Joint Venture
ALLAMBER SN
ASDDIT 3A
PRECOLLAR

20 JUL 1993

Distribution
Ian Butler

Client Reference: 3715
Project :
Cost Code:

Date Received: 07/07/1993
Number of Samples: 20

Sample Preparation

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%	1	ppm
Pb	AAS/MA-3	Prec. ± 10%	2	ppm
Zn	AAS/MA-3	Prec. ± 10%	1	ppm
As	AAS/MA-3	Prec. ± 10%	1	ppm

Authorisation: Ray Wooldridge
Report Dated: 16/07/1993

ASSAYCORP PTY LTD
A.C.N. 052 982 911
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 08257 ASDDH 3A PRECOLLAR

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
29-31 576954	<0.01		101	113	44	28
-33 576955	<0.01		126	114	69	12
-35 576956	<0.01		151	150	130	27
-37 576957	<0.01		162	79	160	17
-39 576958	<0.01		49	58	225	11
-41 576959	<0.01		139	74	459	12
-43 576960	<0.01	<0.01	111	75	515	12
-45 576961	<0.01		104	50	430	14
-47 576962	<0.01		105	59	323	18
-49 576963	<0.01		115	43	283	15
-51 576964	<0.01		294	63	531	17
-53 576965	<0.01		91	50	367	15
-55 576966	<0.01		93	25	361	8
-57 576967	<0.01		143	22	159	9
-59 576968	<0.01		152	22	196	11
-61 576969	<0.01		194	21	269	12
-63 576970	<0.01		101	28	218	10
-65 576971	<0.01	<0.01	67	18	259	7
-67 576972	<0.01		64	20	233	8
-69 576973	<0.01		59	14	206	5

amdel

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

27 JUL

ANALYSIS REPORT :

Your Reference	: 042967/3666	Our Reference	: 3DN0578
Samples Received	: 14/07/93	Results Reported	: 19/07/93
Number of Samples	: 21	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.

ASDDH 3A
CORE ANALYSES.

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

Approved Signature:

for

ALAN CIPLYS
Manager - Darwin
AMDEL LABORATORIES LIMITED
A.C.N. 009 076 555

amdel

Job: 3DN0578
O/N: 3666

Final

ANALYTICAL REPORT

	SAMPLE	Au	AuDp1
	584047	<0.01	--
	584048	<0.01	--
	584049	<0.01	<0.01
	584050	0.02	--
	584051	0.04	--
	584052	0.05	--
	584053	0.02	--
129-130	ASDDH3-01	0.04	--
-131	ASDDH3-02	0.01	--
-132	ASDDH3-03	<0.01	--
-133	ASDDH3-04	<0.01	--
-134	ASDDH3-05	<0.01	--
-135	ASDDH3-06	0.01	--
-136	ASDDH3-07	<0.01	--
-137	ASDDH3-08	<0.01	--
-138	ASDDH3-09	0.04	--
-139	ASDDH3-10	0.01	<0.01
-140	ASDDH3-11	0.02	--
-141	ASDDH3-12	<0.01	--
-142	ASDDH3-13	<0.01	--
-143	ASDDH3-14	<0.01	--
	UNITS	ppm	ppm
	DET.LIM	0.01	0.01
	SCHEME	FA1	FA1

amdel

Job: 3DN0578
O/N: 3666

Final

ANALYTICAL REPORT

	SAMPLE	Cu	Pb	Zn	Co	Ni	Ag
	584047	210	13	420	23	125	<1
	584048	230	23	1800	24	145	<1
	584049	210	24	650	20	125	<1
	584050	140	10	69	8	66	<1
	584051	870	32	73	19	43	<1
	584052	540	20	62	19	38	<1
	584053	610	<4	97	30	51	<1
129-130	ASDDH3-01	1470	89	770	68	65	1
-131	ASDDH3-02	1310	105	230	240	165	1
-132	ASDDH3-03	350	26	165	34	47	<1
-133	ASDDH3-04	2590	7	90	<4	20	<1
-134	ASDDH3-05	1510	34	280	29	34	1
-135	ASDDH3-06	4460	69	280	105	115	3
-136	ASDDH3-07	7720	68	145	135	120	4
-137	ASDDH3-08	820	<4	44	6	28	<1
-138	ASDDH3-09	1730	<4	630	18	27	<1
-139	ASDDH3-10	960	145	850	39	72	<1
-140	ASDDH3-11	1.01%	39	105	40	45	3
-141	ASDDH3-12	9930	45	170	53	77	3
-142	ASDDH3-13	1.37%	110	120	61	62	4
-143	ASDDH3-14	1.26%	83	97	33	47	3

UNITS	ppm	ppm	ppm	ppm	ppm	ppm
DET.LIM	2	4	2	4	4	1
SCHEME	AAS2	AAS2	AAS2	AAS2	AAS2	AAS2
UPPER SCHEME	AAS2C					

amdel

Job: 3DN0685B
O/N: 3721

Final

ANALYTICAL REPORT

SAMPLE	Au	AuDpl	Cu	Pb	Zn	Co	Ni
ASDDH4-01	0.02	--	105	34	67	71	62
ASDDH4-02	<0.01	--	145	30	76	75	74
ASDDH4-03	0.05	--	1150	36	42	91	115
ASDDH4-04	<0.01	--	2290	130	50	105	180
ASDDH4-05	<0.01	--	195	51	130	37	67
ASDDH4-06	<0.01	--	930	155	99	210	250
ASDDH4-07	<0.01	--	470	62	130	44	120
ASDDH4-08	<0.01	--	390	30	83	26	91
ASDDH4-09	<0.01	<0.01	320	33	76	39	125
ASDDH4-10	<0.01	--	600	60	63	41	125
ASDDH4-11	<0.01	--	620	39	71	46	165
ASDDH4-12	<0.01	--	890	32	66	47	145
ASDDH4-13	0.01	--	650	21	48	34	145
ASDDH4-14	<0.01	--	960	47	45	46	170
ASDDH4-15	<0.01	--	1310	105	35	59	250
ASDDH4-16	<0.01	--	1450	140	45	85	260
ASDDH4-17	<0.01	--	960	44	45	45	185
ASDDH4-18	0.01	--	870	44	66	54	145
ASDDH4-19	<0.01	--	1220	71	58	70	140
ASDDH4-20	0.02	--	1160	33	55	6	45
ASDDH4-21	0.01	--	1730	40	92	7	44
ASDDH4-22	<0.01	--	1920	57	430	35	69
ASDDH4-23	<0.01	--	1990	26	65	7	39
ASDDH4-24	<0.01	--	1050	30	56	21	72
ASDDH4-25	<0.01	<0.01	2400	82	46	64	190
ASDDH4-26	<0.01	--	490	65	44	47	175
ASDDH4-27	<0.01	--	440	79	66	41	140
ASDDH4-28	0.01	--	1020	98	41	46	78
ASDDH4-29	<0.01	--	1070	55	42	33	71
ASDDH4-30	<0.01	--	560	35	34	42	120
ASDDH4-31	<0.01	--	460	21	29	31	98
ASDDH4-32	<0.01	--	640	22	31	37	99
ASDDH4-33	<0.01	--	270	26	35	25	66
ASDDH4-34	<0.01	--	160	9	24	6	22
ASDDH3A 143-144	<0.01	--	320	69	920	37	51
ASDDH3A 144-145	<0.01	--	250	65	280	43	55
ASDDH3A 145-146	0.01	--	170	50	300	32	41
ASDDH3A 146-147	<0.01	<0.01	1140	42	95	21	31
ASDDH3A 147-148	<0.01	--	1950	28	75	19	23
ASDDH3A 148-149	0.01	--	2500	37	75	38	46
ASDDH3A 149-150	<0.01	--	1350	52	61	41	37
ASDDH3A 150-151	<0.01	--	330	48	54	28	44
ASDDH3A 151-152	<0.01	--	97	52	220	17	36
ASDDH3A 152-153	<0.01	--	540	94	125	29	29
ASDDH3A 153-154	<0.01	--	270	180	140	25	38
ASDDH3A 154-155	<0.01	--	99	53	195	27	32
ASDDH3A 155-156	<0.01	--	73	48	110	11	36
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DET.LIM	0.01	0.01	2	4	2	4	4
SCHEME	FA1	FA1	AAS1	AAS1	AAS1	AAS1	AAS1

WB 3 Sleepy Cod

21/7/93

0-2	Hematitic Qtz, Qtzite, SQMA & SQM creek sediment
2-4	as above, minor py in Qtzite
4-6	Int w grey fgr SQM (Slst? or BkSh?), Int Hem fgr Red Brown SQM (Slst?) mod minor Qtz & Qtzite
6-8	as above + more Qtzite & some gn material
8-10	Dk Hem Sil SQM ± A (BkSh* or Slst) high Qtz & Gn ~20%
10-12	as above ~30%
12-14	Dk Red brown grey fgr Sil Hem SQM (Slst) 10% Qtz Gn
14-16	minor water blue grey fgr SQM (BkSh) minor Qtz & filled fractures Pale green v soft 2ry Clay mineral after SQM???
16-18	as above
18-20	as above 80% 2ry Clay minerals
20-22	med-fgr Dk micaceous BkSh (mod w) + 10% 2ry Clay mineral
22-24	as above 30%

Creek sed

Clays

WB3 cont

24-26m	Int w & Int mic Hfld Bk Sh, rare Qtz	
26-28	fgr Hem Sil Qm Slst ~~w/~~ Int mic Hfld Bk Sh ~10% Qtz trace py	
28-30	fgr Hem Sil Silstone Sh trace py	Py assoc ∈ Sil Hem Slst
30-32	as above + fgr micaceous SQM (Bk Sh)	
32-34	as above + 7% Qtz	
34-36	fgr mic SQM (Bk Sh), low Hem Slst & 1% Qtz	
36-38	as above trace py (in Hem Sil Slst)	
38-40	vfgr greenish vslightly mic Ssm, 10% Sil Hem Slst ∈ minor py, 1% Qtz	
40-42	as above, trace Hem Sil Slst. Trace py	
42-44	as above trace py	
EOH		

Not totaly restricted to Hem Sil Slst

ASDDH 4 Precollar log Sleepy Cod

Sample No's 586875-890 21/7/93

meters		
0-2	lt brown slightly Hem micaseed, Qtzite + Qtz	SQM – Seed Qtz Mica
2-4	lt gray fgr sed Qtz mica slightly Hem → BkSh or Slst	
4-6	as above	
6-9	lt grey fgr SQM c Approx 3% Qtz, lim staining ↓BkSh or Slst	
9-11	as above 1% Qtz	
11-13	as above Trace Qtz	
13-15	lt grey to brown f-med gr slightly Sil SQM lim staining possiably Slst or BkSh ~1% Qtz	
15-17	greenish grey & Dk Red fgr SQM, red material mod Sil (Slst / BkSh) trace Qtz	
17-19	Predom Dk Red Sil Hem SQM & ~3% Wt soft soapy probably Chlorite from Weatlered Feldspars + 2% Qtz → Weatered Peg dyke	
19-21	grey med-fgr SQMA (BkSh) & 3% weatlered Peg	
21-23	as above trace Qtz + W Peg	

ASDDH 4 cont

23-25m	VlHGrey SQm (slst) + minor Qrd Hem rich slst & BkSh
25-27	as above + 5% Qtz
27-29	Dk Red Brown Fgr Sil Int Hem Slst
29-31	med gr greenish biotite & Qtz Sch (slst or Ssm) + mod 10-15% Red brown med-fgr Hem Sil Slst
31-33m End of Precollar	Hem medgr SQm (slst) & 15% Qtz

WOODCUTTERS JOINT VENTURE
CORE LOGGING SHEET

Date: 18/11/93
Logged by: I. Butler

Hole: ASDDH 4
Page No. 1 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
33																								0-33 Precollar 33-179.5 NQ Core
41.5	15	1													tr									
40.4	>90	2																						
45.0		2																						Sericite + qtz - Pg dyke (weath)
47.0		3				70																		OXID
48.8		2																						
51.3		2																						
53.2		3																						
55.4		3																						
57.6		1			65	45																		
60.7		2																						
63.4		4																						OXID
66.0		3																						
68.0		3																						67.
70.1		2																						
74.2		3	71																					
77.3		2		S2																				abund chl slicks
80.4		2	78.7												tr									
83.4		4				40																		Hem (oxid) chl - ser - mica
86.1		3	85.2 86.1	S3																				6.0 - 6.2
89.0		2	88.2	S3																				
92.0		2	89.5 91.2	B2/V1																				beds
93.4		4	93																					milky qtz
96.3		4																						occ thin cht beds - possibly BIF
97.5		3																						no nodules.
99.0		2				30																		
101.1		2																						

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: 18/11/93
Logged by: I. Butler

Hole: ASDDH 4
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
101.1																								
103.0	90	3	102 / 103.5	S3																				Banded appearance – dom biot-chl schist c some act. + bit sil beds (cht?)
105.6		2																						
107.5		3																						
109.3		4																						
112.7		4				25																		
115.3		4				0																		Qtz feld ± chl GRANITE DIKE dyke. 115.5
118.3		5														tr								
119.3		5																						Thin cht beds dd to cA
122.4		5	122.4	S3		0																		
124.1		5																						
126.7		3																						
128.9		4				30																		127 NODULAR BIF
132.0		4				30																		Biot-chl-act py schist c nodular cht. Banded
135.0		4																						
138.1		3				10																		137 ~~CHL-BIOT-QTZ SCHIST~~
140.1		3													1	tr								Chl-biot-qtz schist c some py possibly some cc as little cpy recognized.
142.6		4				10									2							Pt+		
145.3		3	142.7 / 144	S1											1									
146.4		4	146.4																					
149.1		1		S1/V1																				FAULT Graphitic shear c qtz-feld-chl (granite) dyke material
151.7		4	150												3-5									
154.3		4																						156 HF. CBC. PY. MUDSTONE
157.3		4																						Pyritic, carbonaceous clotted hornfelsed mudstone. Chloritic in places
160.3		4																						
163.4		4													1-3									
166.5		4																						

1. Spotted slate
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4. Laminated dololutite
5. Tuff marker bed
6. Massive sulphides
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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: 18/11/93
Logged by: I. Butler

Hole: ASDDH 4
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
166.5																								
169.6	90	3													3-5	1								
172.2		4	171.7	~~53~~												tr								171.7 GRANITE
																								Hybrid contact zone. Py-chl silic material
175.8		5														tr								
																								Dom. qtz + epidote?
179.5															1									EOH 179.5

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

ASSAYCORP PTY LTD
A.C.N. 052 982 911
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

28 JUL 1993

ASSAY CODE: AC 08314

Woodcutters Joint Venture

Distribution
Peter Nicholson

Client Reference: 3716
Project :
Cost Code:

Date Received: 09/07/1993
Number of Samples: 22

Sample Preparation

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%	1	ppm
Pb	AAS/MA-3	Prec. ± 10%	2	ppm
Zn	AAS/MA-3	Prec. ± 10%	1	ppm
As	AAS/MA-3	Prec. ± 10%	1	ppm

sleeps
cod water box

Authorisation: Ray Wooldridge
Report Dated: 25/07/1993

ASSAYCORP PTY LTD
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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

ALLAMBER SPRINGS

ASSAY CODE: AC 08314 WATER BORE 3

	Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
0-2	576974	0.01		109	25	96	16
-4	576975	0.05		104	12	169	7
-6	576976	<0.01		159	18	186	14
-8	576977	<0.01		102	11	99	15
-10	576978	<0.01		101	8	33	16
-12	576979	<0.01		89	3	30	13
-14	576980	<0.01		76	6	26	8
-16	576981	<0.01		52	9	44	20
-18	576982	<0.01		45	5	39	17
-20	576983	<0.01		43	2	35	24
-22	576984	<0.01		29	<2	40	24
-24	576985	<0.01		78	4	41	14
-26	576986	<0.01		50	6	88	17
-28	576987	<0.01		122	6	50	23
-30	576988	<0.01	<0.01	100	10	53	12
-32	576989	<0.01		84	8	84	9
-34	576990	<0.01		52	2	106	13
-36	576991	<0.01		50	2	117	9
-38	576992	<0.01		69	5	113	5
-40	576993	<0.01		72	13	156	7
-42	576994	<0.01		52	14	129	14
-43	576995	<0.01		54	16	138	13

ASSAYCORP PTY LTD
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04 AUG 1993

ASSAY CODE: AC 08535

Woodcutters Joint Venture
Precollar Samples ASDDH 4
Albamber Springs

Distribution
Peter Nicholson

Client Reference: 3717
Project :
Cost Code:

Date Received: 22/07/1993
Number of Samples: 16

Sample Preparation

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Cu	AAS/MA-3	Prec. ± 10%	1	ppm
Pb	AAS/MA-3	Prec. ± 10%	2	ppm
Zn	AAS/MA-3	Prec. ± 10%	1	ppm

Authorisation: Ray Wooldridge
Report Dated: 30/07/1993

ASSAYCORP PTY LTD
A.C.N. 052 982 911
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 08535 ASDDH 4 PRECOLLAR

Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)
0-2 586875	71	26	231
-4 586876	84	29	348
-6 586877	130	63	520
-9 586878	124	39	322
-11 586879	174	28	325
-13 586880	332	26	960
-15 586881	323	172	1470
-17 586882	165	846	1560
-19 586883	232	904	361
-21 586884	160	274	242
-23 586885	100	94	91
-25 586886	215	59	106
-27 586887	217	45	76
-29 586888	253	26	127
-31 586889	792	14	271
-33 586890	521	22	100

amdel

Job: 3DN0685B
O/N: 3721

Anal

ANALYTICAL REPORT

SAMPLE	Au	AuDpl	Cu	Pb	Zn	Co	Ni
ASDDH4-01 131-139	0.02	--	105	34	67	71	62
ASDDH4-02 -137	<0.01	--	145	30	76	75	74
ASDDH4-03 -140	0.05	--	1150	36	42	91	115
ASDDH4-04 -143	<0.01	--	2290	130	50	105	180
ASDDH4-05 -146	<0.01	--	195	51	130	37	67
ASDDH4-06 -149	<0.01	--	930	155	99	210	250
ASDDH4-07 -150	<0.01	--	470	62	130	44	120
ASDDH4-08 -151	<0.01	--	390	30	83	26	91
ASDDH4-09 -152	<0.01	<0.01	320	33	76	39	125
ASDDH4-10 -153	<0.01	--	600	60	63	41	125
ASDDH4-11 -154	<0.01	--	620	39	71	46	165
ASDDH4-12 -155	<0.01	--	890	32	66	47	145
ASDDH4-13 -156	0.01	--	650	21	48	34	145
ASDDH4-14 -157	<0.01	--	960	47	45	46	170
ASDDH4-15 -158	<0.01	--	1310	105	35	59	250
ASDDH4-16 -159	<0.01	--	1450	140	45	85	260
ASDDH4-17 -160	<0.01	--	960	44	45	45	185
ASDDH4-18 -161	0.01	--	870	44	66	54	145
ASDDH4-19 -162	<0.01	--	1220	71	58	70	140
ASDDH4-20 -163	0.02	--	1160	33	55	6	45
ASDDH4-21 -164	0.01	--	1730	40	92	7	44
ASDDH4-22 -165	<0.01	--	1920	57	430	35	69
ASDDH4-23 -166	<0.01	--	1990	26	65	7	39
ASDDH4-24 -167	<0.01	--	1050	30	56	21	72
ASDDH4-25 -168	<0.01	<0.01	2400	82	46	64	190
ASDDH4-26 -169	<0.01	--	490	65	44	47	175
ASDDH4-27 -170	<0.01	--	440	79	66	41	140
ASDDH4-28 -171	0.01	--	1020	98	41	46	78
ASDDH4-29 -172	<0.01	--	1070	55	42	33	71
ASDDH4-30 -173	<0.01	--	560	35	34	42	120
ASDDH4-31 -174	<0.01	--	460	21	29	31	98
ASDDH4-32 -175	<0.01	--	640	22	31	37	99
ASDDH4-33 -176	<0.01	--	270	26	35	25	66
ASDDH4-34 -177	<0.01	--	160	9	24	6	22
ASDDH3A 143-144	<0.01	--	320	69	920	37	51
ASDDH3A 144-145	<0.01	--	250	65	280	43	55
ASDDH3A 145-146	0.01	--	170	50	300	32	41
ASDDH3A 146-147	<0.01	<0.01	1140	42	95	21	31
ASDDH3A 147-148	<0.01	--	1950	28	75	19	23
ASDDH3A 148-149	0.01	--	2500	37	75	38	46
ASDDH3A 149-150	<0.01	--	1350	52	61	41	37
ASDDH3A 150-151	<0.01	--	330	48	54	28	44
ASDDH3A 151-152	<0.01	--	97	52	220	17	36
ASDDH3A 152-153	<0.01	--	540	94	125	29	29
ASDDH3A 153-154	<0.01	--	270	180	140	25	38
ASDDH3A 154-155	<0.01	--	99	53	195	27	32
ASDDH3A 155-156	<0.01	--	73	48	110	11	36
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DET.LIM	0.01	0.01	2	4	2	4	4
SCHEME	FA1	FA1	AAS1	AAS1	AAS1	AAS1	AAS1

APPENDIX V

REVERSE CIRCULATION DRILLING LOGS

Aztec Mining Company Limited

SAMPLE INFORMATION

Sheet 1 : 250,000 sheet

Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
		Allamber Springs	Black Bream			

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
					~~Assayco~~ WDV		RC chips	AG DT	30 08 9

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557276	2000	~10010	ASRC 1	0	2	Med gr Hfld BkSh w A xals
	Black Bream Grid			ltgy	4	" " Tr Qtz
	(10m at 20° Mag from 2000N 10000E)				6	" " 20% Pkish Q
	60° Dip	200° Mag Bearing		bk	8	cbc " " 10% Qtz
557280					10	cbc Med gr Hfld BkSh w A lim oxerdised material (gold) 5% Qtz
					12	" " Tr Qtz
					14	Tr Qtz
				bkbn	16	Int lim (from ox sulphides) Hfld BkSh + minor A + mica
				bk	18	med-fgr Hfld BkSh, minor A 5% part w sulphid
557285	greasy				20	" " Tr Qtz
	BOX				22	" " Tr Qtz 1-3% py
					24	" " 5% py
					26	" " 10% py
	Water Table				28	" " Tr Qtz 5% py
557290					30	" " Tr Qtz 7% py
					32	" " 10% py
					34	" " 3% Qtz 1% py Tr garnet
					36	" " Tr Qtz 3% py
	high water flow		fgr sil BkSh (Qtz mica sed)		38	30% Cht w minor gn Chl? 62% Fgr Hfld bkSh 8% py
557295					40	89% fgr Sil BkSh Tr sphalerite 10% py 1% Qtz
					42	60% fgr sil BkSh 5% py (30% gn Act/Chl 5% Cht) BIF
					44	60 fgr Sil BkSh (Qtz Bio) 1% py 39 Qtz/Cht w gn tinge
	wet sample				46	
		90% Gn	3% Qtz 1% py Tr BIF 6% fgr sil BkSh		48	fgr sil BkSh (Qtz Bio) 40% 10% 40% gn Sil Act/Chl, 10% Qtz/Cht
557300	EOH		ASRC1		50	70% fgr Bio/Qtz 5% gn Act/Chl 25% Qtz/Cht Tr py, Tr garnet

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
		Allamber Springs	Black Bream			

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
					WAV ~~Assaycorp~~		RC Chips	AG DT	3 0 0 8 9

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557301	35m at 20° from	2000N 100006	ASRC2	0	2	Rdbn 70% dirty SST 20% Qtz 10% Clay
	Dip 60 Bearing 200°				4	70% dirty Qtz mica SST, 17% C 24% Clay 5% G
					6	95% Clays 5% Qtz sand
					8	Hbn 80% Clays 20% dirty SST
557305					10	70% Clays 30% dirty sst (Qtz biotit
					12	30% Clay 70% Qtz biotite meta s
	acid test → No responce acid suspect				14	Hbn pale gritty (0.5mm grain size) meta sst (No bio) v carb ?? sil
					16	as above
					18	Hgy " "
557310	Base of Total ox				20	" " Tr partialy w py
					22	gy 90 Qtz biotite meta sst Tr w 10 Hfld Bk Sh
	B of Ox				24	gy cbc Hfld Bk Sh + A 5% Qtz ½% py
					26	Cbc Hfld Bk Sh + A med-fgr 1% py
					28	fgr 1% Qtz 1% py
557315				gy bk	30	" " 1% py
		Tr dk bk mineral	Chalcocite ???		32	" " 1% PY
		"	"	bk	34	" " 1% py
	Wet Sample				36	85% med-fgr Hf bk Sh 5% PY minor A xals 10% QTZ
					38	80% " " 20% PY Tr Qtz
557320					40	95% " " 5% PY Tr Qtz
			magnetic phyy		42	80% " " " 20% finely diss sulphides pyrrhotite
			" "		44	90% " " 10% sulphides pyrrhotite
			" "		46	" "
			" "		48	70% " " 30% py Tr phyrrhotite
557325					50	Dk gn bk sil material ⇒ Act 13/F

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
		Allamber Springs	Black Bream			

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
					WJV ~~ASSAYLAB~~		RC Chips	AG DT	30 08 93

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557326	EOH	Wet Sample	ASRC 2	50	52	fgr Sil bk Sh w 20% py + Sil Act/Chl BIF
	Bearing 220° Dip 60°		ASRC 3	0	~~54~~ 2	Albn Clay & 70% 15% Qtz Sand 15% Hfld bk Sh
	1800N 100525E				~~56~~ 4	Dk rdbn 55% Clays 40% Qtz, 5% Int w mica seed
				Bk	~~58~~ 6	Cbc Hfld Bk Sh 30% Qtz
557330	~~EOH~~				~~60~~ 8	" " Tr Qtz Lime & Hem staining -> oxidization
					10	" " Tr Qtz
					12	Cbc Hfld Bk Sh ~~medgr mod A~~ + staining
					14	" "
					16	" "
557335	BofOx	(water table			18	" " Tr Qtz ½% Sug Qtz & Py
					20	~~60%~~ " " Tr Qtz 20% Py
					22	70% " " & chalcosite 5% Qtz some Sigy material? 25% py
					24	70% fgr " " 20% Qtz 5% py
					26	80% Medgr " " Tr Qtz 20% py
557340					28	90% Med-fgr " " Tr Qtz 10% py
				ltgy	30	30% Hfld Bk Sh 65% Sil Act/Chl (BIF) Tr Qtz 5% Py
				ppl bn	32	95% Sil Act/Chl/Garnet rich (BIF) 5% Py
					34	75% " " 20% Qtz 5% Py
				ltgy	36	97% Vsil/Qtz rich Qtz biotite/py & BIF 3% Py Tr Qtz
557345					38	60% py rich BIF 20% Qtz/Cht 20% py
					40	38% BIF 60% Qtz/Cht 2% py
	31/8/93				42	30% Cht 60% Sil Act/Chl BIF 10% Py
				50:50 Qtz bio	44	0.5-1mm gn size Qtz biotite meta SST Tr py
				95:5 Qtz bio	46	" "
557350	Wet Sample		ASRC 3	60:40 Qtz:bio	48	" " 1% PY 1% gn slimy Plag or Chl

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
		Allambar Springs	Black Breum			

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
					WJV		RC chips	AG DT	3 1 0 8 9 3

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557351	EOH	wet Sample	ASRC3	48	50	50:50 Qtz biotite meta sst Tr py
	Dip 60° Bearing 220°	Mag	ASRC4	0	2	rdbn Clays & mica sed - some contamination from previous hole
	1800N 10080E			creamy bn	4	Clays ~~mica (musc) sed~~ ~~some~~ & Qtz
				gy bn	6	80% Qtz 20% bn-pale meta Qtzite/Sil
557355				rdbn	8	Int Hem Qtz
				dkbn	10	20% Qtz 80% V Int Hem-Sil mica sed?
					12	90% Qtz 10% Hem material Tr vsoft mica sed
		greasy		bk	14	90% Qtz 10% Sil dk gritty mic? < Sil mica sst meta sst
					16	80% Qtz 70% " "
557360					18	20% Qtz w Hfld 10% Int w sulphid 70% fgr sil, bk sh
	Base of Ox				20	60% Qtz 2% fresh py 38% fgr sil w bksh
	Watertable	(Neg acid test)		ltgy	22	gn, gy, wt grainy sil material Tr py
		"	"		24	wt prob carbonate Tr Bksh Tr chalcopyrite
		greasy		bk	26	70% fgr cbc Hfld bksh 20% py 10% Qtz/Carb
557365					28	80% " " 5% py 15% wt Qtz
	numerous Qtz Vn. Outcrops	(Neg acid test)			30	5% " " 95% Qtz/Carb
		("	")	ltgy	32	rdpk to gy sil material Qtz
	Bksh	Vfgr bk to Rd		dkgy-bk	34	80% Vfgr cbc Hfld Bksh (Hem) 20% Qtz Tr py
	Rd may be Hem or garnets			bk	36	80% " " 5% Qtz 15% py
557370	most bksh pulverises → similar to WUV ore zone				38	54% " " 1% Qtz 40% fgr py
					40	" "
					42	65% " " 5% Qtz 30% py
					44	80% " " 10% Qtz 10% py rare cpy
					46	65% " " 5% Qtz 30% py
557375					48	70% " " 10% Qtz 20% py

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
		Allamber Springs	BLACK BREAM			

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
					WDV		RC chips	AG DT	31 08 93

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557376			ASRC 4	48	50	75% clot fgr Hfld Bksh 15% Qtz 10% py
					52	40% " " 40% Qtz 20% py Trcpy
	Wet sample				54	50% " " 30% Qtz 20% py
					56	75% " " 20% Qtz 5% py
557380	EOH				58	25% " " 65% Qtz 10% py
	Bearing 220° Dip 60		ASRC5	0	2	ltbn Clays & lat w mic Seed (musc
	1800N 10105E			ltbh	4	60% mic Seed 40% gritty Qtzite or Qtz
					6	10% " " 90% " "
				ltblgy	8	100% gritty meta Sst/Qtzite
557385					10	" " Tr VnQtz
					12	Blgy fgr Sst/Qtzite minor amount of mica
	Base of Ox				14	" " Tr py
	water table			gngy	16	fgr gngy Qtz biotite meta Sst fresh derivitive of above
				blgy	18	Vfgr blgy sil material (meta Qtzite/ Tr py Tr VnQtz Sst
557390		good blue metal			20	" " Tr py Tr VnQtz
					22	60% " " 40% pale pk Qtz ⊐ minor biotite (Gn?)
					24	100% fgr blgy sil meta Qtzite
					26	" " + minor muscovite
					28	" " Tr py
557395					30	" " Tr py
	Wet Sample			(Tr Cpy)	32	fgr blgy sil Qtz bio grading to pale sil material (decreasing bio%
					34	Pale blgy Qtz rich meta Sst ⊐ minor biotite
					36	" " Tr py
		could be a fgr Gn chilled margin ???			38	" "
557400					40	50:50 pale & dk material Hbo meta Sst Tr py

Yellow. 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
		Allombar Springs	BLACK BREAM			

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
					WQV		RC Chips	AG DT	3 1 0 8 9 3

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557401	wet/dry sample		ASRC5	40	42	fgr sil dk blgy Qtz ± bio meta sst tr py
					44	" " Tr py
					46	" " Tr py
	?	fgr chilled margin granite			48	" " Tr py
557405	EOH				50	" " Tr py
1/9/93	20m at 006° from 2200N 9860E		ASRC6	0	2	Dk bn Ox cloc Hfld Bk Sh Tr Qtz
	Bearing 186° Dip 60°			Bk	4	med gr cloc Hfld Bk Sh some med ox material (sulphides?) Tr Qtz
				Rdbn	6	70% Qtz (glassy) 30% Int Hem Hfld Bk Sh
				Bk	8	Med-fgr cloc Hfld Bk Sh minor A
557410		Ferrug Bk Sh probably after sulphides			10	" " " Ferrug 15% Int Hem Bk Sh
					12	" " 5-10% " " Tr Qtz
					14	" "
			bright	Rdbn	16	10% " " 10% Cht + Qtz 80% vag Sil lim material for 30% Hfld Bk Sh 10% Qtz
				dk Rdbn to bk	18	10% lim Sil fgr material
557415				bk	20	med-fgr cloc Hfld Bk Sh minor A minor-med Hem + lim material
				dk Rdbn	22	30% " " " 40% Qtz 30% Hbn lim clays
				bn	24	20% bn Int w lim Hfld Bk Sh + trace w py 40% dk fgr Cht, 40% Qtz
	Base of Ox			blgy	26	fgr Act/Chl Blgn BIF Tr Qts Tr py
					28	fgr Act/Chl Blgn] BIF 5% Cht Tr-½ py
557420	BIF →	fgr dk gn bk slightly sil Act/Chl ± grove garnets with Cht as boudans			20	BIF ⊠ Tr Cht 5% py
					32	BIF ⊠ Tr Cht Tr py
	water Table	py pred around edges of Cht boudans			34	BIF fgr Sil No Cht Tr py
				ltgy	36	med-fgr Qtz biotite ± possibly feldspar Tr-py Gn
					38	BIF 5% Cht Tr py
557425					40	BIF Tr Cht 2% py

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
		Albamber Springs	Black Bream			

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
					WJV		RC Chips	AG DT	0 1 0 9 9 3

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557426	EOH		ASRC6	40	42	BIF w 20% cht Tr py
	45m at 006° from 2200N 9860E		ASRC7	0	2	bn medgr cbc mod Hem Hfld Bksh w mod-high A
	BEARING 186° DIP 60°			Rdbn	4	90% Qtz 10% Hem mic (musc) sed
				dkgy	6	Int Hem Hfld Bk Sh
557430					8	mod Hem Hfld Bk Sh 10% Qtz
				Pkbnbk	10	5% " 95% Qtz
				Pk-bk	12	medgr Cbc Hfld Bk Sh w mod A mod Hem. 10% Qtz
				bk	14	" " Tr Qtz
					16	" " Tr Qtz
557435					18	" " Tr Qtz
					20	med-fgr Cbc Hfld Bk Sh w A mod Hem rare Qtz
					22	" " 20% lim after sulphides rare Qtz
					24	" " 5% lim " " 1% slight brw py
	Base of Ox				26	Tr lim rare Qtz
557440					28	fgr cbc Hfld Bk Sh minor A 1% py 2 phy
					30	95% " " 2.5% py 25% phy rrhotite
					32	85% " 15% phy 1% py
					34	80% " 20% phy " Tr py
	*	~1/2% cpy			36	90% " 10% phy (1/2% cpy) " Tr py
557445	*	1/2 to 1% cpy			38	89% " 10% phy 1/2-1% cpy " Tr py
	*	just less than 1/2% cpy			40	80% " 20% phy ~1/2 cpy Tr py
	*	"	"		42	70% " 30% phy " <1/2 cpy Tr py
	*	2-3% cpy			44	93% " 5% phy 2-3% cpy
		Tr cpy			46	70% " 15% phy Tr cpy 15% py
557450		rare cpy		+1% BIF		70% " 5% phy " rare cpy 5% Qtz 20% py

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
		Allamber Springs	Black Bream / Big Barra			

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
					WAV		RC Chips	AG DT	0 1 0 9 9 3

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557451			AS RC 7	48	50	med-fgr Gn 10% fgr Sil Act/Chl BIF <½% cpy
	EOH				52	fgr Sil Act/~~Fram~~Chl – BIF Tr py Tr phy
BIG BARRA	Bearing 208° Dip 60°		AS RC 8	0	2	bn V lnt w lnt Hem Hfld BkSh ☒ high A
	10m at 208° from sample No 576009			bk bn	4	lnt w mod Hem med gr Hfld BkSh ☒ high % of A
557455	2/9/93		Scree?	bn	6	Hem fgr Sil micaceous Sed
				creamy Rd bn	8	80% wt puggy clays 20% Hem Sil mic sed
					10	as above Tr Qtz
				dk bn	12	10% Hfld Bk Sh Tr Qtz 90% Hem Sil Laterite pisoliths
				bk	14	90% Cbc med gr Hfld Bk Sh ☒ High A 10% Clay
557460					16	100% " " mod lim prob after sulfides
	Base of Ox	greasy		dk bk	18	fgr Cbc Hfld Bk Sh slightly Sil mod A Tr py
			Hfld Bk Sh		20	" " Tr Qtz V fine diss py prob upto 20% ?
					22	fgr mic (biotite) Sed (Bk Sh ?) Tr py
					24	" " Tr py
557465	fgr bk micaceous (biotite) material with fine ~~some coarse~~ phyrrhotite could be BIF or Hfld Bk Sh ??? Bk Sh because of sulphides ?? ✓✓✓ BIF → micas could be Act/Chl ?? ✗				26	fgr dk gn micaceous → Act/Chl ☒ 5-10% sug Qtz (Cht) & 10% Phyr
					28	" " No Cht fine diss phyr upto 30%
					30	" " No Cht phyr 20%
					32	" " No Cht Tr py phyr 20-30%
					34	" " Tr py Tr calcite phyr 30-40%
557470					36	Tr py phyr 20-30%
	Water Table	mica (biotite) Sch after Hfld Bk Sh	Cbt		38	Slightly coarser gn + Axels Tr py Bk Sh phyr 10-20%
					40	med gr mic sch (Hfld Bk Sh) high A phyr 10%
					42	fgr " " low A Tr py phyr Tr
					44	" " 10% py Tr Qtz phyr Tr
557475	Qtz pass carb		Sandy		46	20% fgr mica sch Tr py Tr phyr 80% Qtz & minor biotite Gn Feld

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
		Allamber Springs	BIG BARRA			

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
					WOV		RC Chips	AG DT	0 2 0 9 9 3

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
57476		Neg Acid test	ASRC8	46	48	Gn Gn, wt + pkish ~~carbonate or calcite~~ ~~rel~~ faces 5% biotite Trpy Cuard
	EOH	Sandy			50	" Gn " 1% Biotite Tr py
15		m at 28° from				Rd bn 90% Qtz
	Sample No	576009	ASRC9	0	2	10% Hem & Hem Qtz
	Bearing	208°				40% sugary Qtz poss of BIF
	Dip	60°		Rd bn	4	50% Clay 10% Hem
57480					6	Qtz, sug Cht + minor Hem ~~Cut~~ BIF
					8	Sug Cht + minor Hem => BIF 40% wt clay
					10	Sug Cht + mod Hem => BIF 20% Clay
				bn	12	Sug Cht & minor micaceous sed BIF
					14	Sug cht minor mic sed & Hem matern BIF
57485	Hem & mica derived from weathered Act/Chl in BIF			dk bn	16	Sug Cht, " " Qtz Hem mica sed => BIF Tr Qtz
					18	Weathered BIF tr Qtz
					20	80% Vlnt Hem material 20% blgy sug Cht BIF
	Base of Ox + water table	~~prob in~~	Rare Tarnished Sulphides (py)	gy	22	fgr blgy sil mic material Tr Qtz BIF?
					24	" " " V. Qtz Tr py
57490		* fgr blgy-bl micaceous sil material similar to fgr			26	" " 5% Qtz T% py
		Sulphide rich Hfld Bk Sh			28	" " Tr garnet 1% Qtz Tr py
		in ASRC8		(wet sample)	30	" " Tr Qtz Tr py
	if Tr Garnet => BIF			~~Dry~~	32	" " 2% Py 1% Qtz
				~~wet~~ Dry	34	" rare calcite " 2% Pyr+Phy 1% Qtz
57495				Wet	36	" " Tr Py Tr Qtz 20-30% Phy
		Phyrrhotite fine gr & diss			38	" " Tr py 30-40% Phyr
					40	" " Tr py Tr Qtz ~20% Phyr
					42	" " 3% py 2% Qtz 5% Phyr
					44	" " 10-15% py 5% Qtz 1% Phyr
57500					46	60% " " 20% py 5% Qtz 5% Phy

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
		Allamber Springs	BIG BARRA			

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
					WJV		RC Chips	AG DT	0 2 0 9 9 3

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557501			ASRC9	46	48	fgr blgy Sil mic material ~20% py 5% Qtz minor phyr
	EOH				50	" " ~10% py 1% Qtz Tr phyr
	40m at 28° from Sample No 576009		ASRC10	0	2	90% Clay 10% Qtz Rolbn
	Bearing 208° Dip 60°			Rolbn	4	Clays 10% Qtz Feldspar minor biotite Gn
557505	3/9/93			Creamy	6	Gn
					8	Gn
				bn	10	80% Gn 20% Int w fgr mic Sch Hfld Bk Sh
	90% made up of fine material prob Int w mica sch			dkbngn	12	80% Qtz (sug) 20% " "
	" "	"		dkbn	14	minor Gn Sug Qtz (Cht) + minor hem mica Sch
557510	"	"			16	minor Gn Clays, 70% Qtz, 30% Int Hem mica sch
	fine material micaceous	"		bn	18	85% Int Sil Hem mica Sch 15% Qtz
	50%	"	"		20	70% Sug Qtz ⇒ CHT 30% Hem material (EL Act/Chl) ⇒ BIF
	Base of Ox				22	fgr Qtz mica (bio) Sch Tr py mod fgr mica (bio) sch 1% Qtz
				Hgy	24	mica Sch w mod Qtz looks like bio poss Act/Chl BIF 5% Qtz, 1% py Tr phyr
557515					26	BIF 60% mica + Qtz sch 40% gnish Qtz/Cht Tr py + phyr
	water Table				28	70% Qtz mica (bio) 30% gnish Qtz Tr py
					30	95% " " fin med/fgr 5% " " Tr py
					32	90% " " 10% " " Tr py
					34	as above
557520					36	as above Tr garnets
	Wet Sample				38	95 " " 5 " " 1% py
	"				40	as above Tr py Tr garnets
	"				42	90% " " 10% " " Tr py
	Dry Sample				44	90% Gn 10% BIF
557525	wet				46	Gn

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
		Allamber Springs	Big Barra/Catfish			

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
					WJV		RC Chips	AG DT	03 09 93

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557526		Wet Sample	ASRC10	46	48	Granite
	EOH	" "			50	" "
Catfish Nth	15m at 306°m from Sample No 575486		ASRC 11	0	2	ltbrn Int w Qtz mica sed poss Hem bks
	Bearing 126° m Dip 60			ltbrn	4	" "
557530					6	" " TrQtz
		mica sed w minor Qtz (bio to musc)			8	" " TrQtz
	90% of material a v fine micaceous dust - silt				10	" " 10% Qtz
					12	mica sed predom bio w minor fgr Qtz 10% Qtz
					14	80% fgr Qtz 10% Int w mic sed 10% Clay weath mic sed
557535				bn	16	90% Int w mic (bio) sed 10% Qtz Tr Clay Slightly Hem
					18	Slightly Hem mic (bio) sed
					20	70% Hem sil mic 30% sug Qtz (cht) BIF?
				ltgy	22	predom sug cht, mic material + mod garnets BIF?
					24	20% mic material 80% cht
557540				creamy bn	26	70% sug cht 10% lim material 20% wt clay
					28	1/2mm grain size Qtz/mica/± lim Hem gn mica (Act?) 5% Qtz
	Surface outcrop mica sch sed → Qtz musc + hem material			Pk bn	30	1/2mm gr size pk rd Qtz/mica minor lim material
	Base of ox				32	mica sed sch → biotite, Qtz fgr
			BIF	ltgy	34	90% blgy sug cht/Qtz 10% slightly lim mica (sil) sch
557545	4/9/93		↓	gn	36	" "
				gn	38	ltblgy Act/Chl (soft) fgr) 5% sug Qtz, 5% mica sed
				ltgy	40	blgy sil mic (Act/chl?) + mod sug Qtz
					42	90% micaceous sch w garnets 10% sug cht Tr py
					44	95% " 5% " BIF
557550			↓		46	95% " 5% " ↓

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
		Allamber Springs	Catfish Nth			

Northing (10,000 metre AMG co-ord)	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
					WdV		RC Chips	AG DT	0 4 0 9 9 3

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557551			ASRC 11	46	48	90% Gn micaceous sil material (Act/Chl) 10% Sug Cht & Qtz BIF
	EOH				50	95% " 5% " Tr py
5/9/93	Rm at 126° from Sample No 575486		ASRC 12	0 Hbn	2	95% Qtz 5% lim material
	Bearing 126° M Dip 60°				4	" "
57555					6	90% " " 10% " "
					8	90% Qtz 10% V Int w Hfld Bk Sh
				Rdbn	10	80% Qtz 20% Int w Hfld Bk Sh, Sug Cht, lim
				bn	12	Qtz 10% Sug Cht, mica sed & Hfld Bk Sh
					14	10% Qtz 20% Sug Cht 70% Int Sil lim & micaceous
57560					16	5% Qtz 15% Cht Sug 80% mic sch Sil
					18	40% Sug Cht 30% musc rich & 30% Bio rich Sil Sch
					20	60% Sug Cht 30% bio rich & 10% musc rich " "
					22	95% Qtz 5% Int Sil biotite
			Qtz Vning		24	95% Qtz 5% " " Tr muscovite
57565	95% fine material				26	50% Qtz 50% Sug Qtz biotite
	"	"		dk gn to gn bn	28	70% Qtz 30% Sil biotite
Base of Extreem ox	99% "	" ultra fine			30	50% Qtz 50% Sug Qtz
	90% "	"			32	40% Sug Qtz 60% Veg bk (bio) bn (garnets) Sil material
	bk sil material - remanents of v Soft bk-bn micaceous material → powders				34	98% Sug Qtz w minor mica py 2% dk bk sil material? as above
57570	rare Qtz xals	prob Act garnet sch ± Chl			36	70% Qtz & Sug Qtz 30% bk Act/Chl Sch
		~ Base of Ox		Hbn	38	80% Sug Qtz (Cht) 20% bk Act/Chl ± bio & musc garnet Sch ↙ Sil (slightly)
				ltgy	40	70% Sug Qtz (Cht) 20% Act/Chl Sch rare cpy but may be tarnished py ??
					42	fresh dk blgn Act/Chl sch & Sug Cht Tr py
					44	" " "
57575					46	" " ~1% py

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

Aztec Mining Company Limited SAMPLE INFORMATION

Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Sheet (1 : 250,000 sheet) Name	Number
		Allambee Springs	Catfish N+W			

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
					WdV		RC Chips	AG DT	0 5 0 9 9 3

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557576			ASRC12	46	48	blgn Act/Chl Sil Sch w Sug Qtz Trpy
	EOH				50	" "
	35m at 126° from Sample No 575486		ASRC13	0	2	Rd lbn 20% Qtz 50% Clay 30% micaceous Sed
	Bearing 126°m Dip 60°			lbn	4	Hem micaceous sed 40% Qtz ~10% Clay
557580				lt lbn	6	80% Qtz lt lbn lim/Hem mica sed
					8	lt lbn slightly lim/Hem/Sil micaceous sed
					10	" " 10% wt Qtz
					12	50% " " 50% Sug cht
					14	98% " " 2% Qtz
557585					16	40% " " 60% Qtz + Sug Cht
					18	55% " " 40% Qtz + Sug Cht 5% bio Sch
					20	90% Qtz 10% dk bk fgr sil/carb material
					22	80% Mic Sed w minor Qtz Sil 20% Sug Qtz
					24	80% " 20% " "
557590	high % fine lt lbn micaceous material				26	80% Qtz 10% bio 10% lt lbn lim mic sed
	Base of Ox			Hblgy	28	fgr blgy hard Act/Chl w Sug cht + trpy
					30	" "
					32	" "
					34	" "
557595	moist sample				36	" "
					38	" " 1% Qtz
					40	" " 1% Qtz
					42	" " ~~1% Qtz Cht~~
					44	" " 30% Wt Qtz
557600					46	" " 70% Wt Qtz

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
		Allamber Springs	Catfish Nth Catfish			

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
					WUV		RC Chips	AG DT	06 09 93

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557601		Wet Sample	ASRC13	46	48	70% Wt Qtz Tr Py 30% dk Int Sil slightly mic ([redacted])
	EOH				50	40% Wt Qtz 60% Dk Sil material Tr Py
Catfish	Same location as sample No 576098		ASRC14	0	2	Rdbn 30% Clay 20% Qtz 50% lim mic sed
	Bearing 126°m Dip 60°			Rdbn	4	75% Int Hemo lim fgr mic sed 25% Qtz + Sug Qtz 10% Clay
557605				bn	6	60% Qtz 40% lim Sil material
					8	40% Qtz 60% " "
				bkgybn	10	50% Qtz 10% VV Int W 40% lim Sil material Hfld bkSh
			BIF		12	70% Sug Qtz 30% Int Hem/lim mic material after Act?
				ltbn	14	80% Sug Qtz 20% lim material
557610					16	95% Sug Qtz (cht) 5% lim material
					18	95% Sug Qtz (cht) 5% lim material poss garnets
					20	as above
					22	80% Qtz 30% Sug cht 80% mic sed 10% Hfld BkSh
					24	70% lim mic sed 30% Qtz
557615				gybn	26	15% Qtz 85% Med gr slightly lim Hfld BkSh minor A
					28	95% " 5% Qtz
				bn	30	Int lim Hfld BkSh 20% Qtz
	Base of Qtz			gy	32	fgr Hfld BkSh Tr Py 5% Qtz
					34	fgr sil Hfld BkSh w minor A min ~~Qtz~~ Qtz Tr Py
557620					36	" "
					38	" "
					40	" "
					42	" " Tr Qtz
					44	" " 30% Gn sil mic material 1% Py
557625					46	BkSh Tr Qtz Py

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

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

Record	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
		Allamber Springs	Catfish			

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
					WJV		RC Chip	AG DT	06 09 93

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557626			ASRC14	46	48	dkgy fgr micaceous Hfld BkSh 5% Qtz Trpy
	EOH				50	fgr mic Hfld BkSh
	Same location as Sample No 576999		ASRC15	0	2	Rd Bn 5% Qtz 80% Clay 15% Int lim mic sed
	Bearing 126° Dip 60°				4	70% Clay 20% Qtz 10% lim mic sed
557630					6	60% Qtz 40% lim mic sed
				gnbn	8	95% lim & sil mic sed 5% Qtz
					10	mod lim micaceous sed 20% Wt clay
					12	Int lim " " 5% Qtz
					14	mod lim mic sed w bk mic sed (BkSh) 10% Qtz
557635					16	" 80% Qtz
				bn	18	Hbn mod lim sug qtz material meta sed or Cht?
					20	90% lim sug Qtz & lim mic sug Qtz sed 10% Qtz
					22	95% Qtz micaceous (musc & bio) meta sed 5% Qtz
					24	40% " " 50% sug Qtz, 10% Wt Qtz
557640	Qtz mica sed => fgr sug Qtz w fgr usually biotite				26	fgr Qtz mica sed (predom bio) Tr Qtz
					28	as above
				By	30	80% Qtz micaceous metased 20% Hem mic sed
					32	Qtz mica metased 5% Qtz 5% Hem mica sed
	Base of Qx				34	Qtz mica metased (mod not He-bearing) 10% Qtz Trpy
557645					36	fgr dkgy to red Int sil mic material BkSh 20% Qtz Trpy
	Water Table				38	pale gr sug Qtz w minor bio (minor)
					40	" " Trpy
	Wet sample				42	60% Qtz (wt) 40% Qtz mica metased
					44	90% wt Qtz 10% Qtz mica sed
557650					46	Dkpk poss sil mod-fgr Hfld BkSh 1% py 10% Qtz & Qtz mica sed

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
		Albmbar Springs	Catfish			

Northing (10,000 metre AMG co-ord)	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
					WOV		RC Chips	AG DT	06 09 93

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557651	Wet sample		ASRC 15	46	48	fgr sil dkgn blk material poss mic BLSh? BIF? Tr py 3% Qtz Tr sug Cht
	" "				50	
7/9/93	Same location as Sample No 576100		ASRC 16	0	2	Rdbn 30% Qtz 70% Int Hem micaseed
	Bearing 126°m Dip 60°				4	70% Qtz 30% Int Hem Si mic seed
557655	90% fine material				6	90% Qtz 10% micca seed
	95% " "				8	95% Qtz 5% mica seed
	95% " "				10	60% Qtz 40% mica seed
	90%			bn	12	95% Qtz 5% micaceous seed
	90%				14	95% Qtz 5% micaceous seed
557660	95%				16	" "
	"				18	30% Qtz 70% micaceous seed
	"			gnbn	20	10% Qtz 90% Hem mic seed
	80%				22	95% Qtz 5% Int Si mic seed
	90%				24	" "
557665	95%				26	" "
					28	80% Blgy sug cht 15% Qtz sbrb 5% Hem material
					30	7% Sug cht 3% mica seed 90% Qtz
	Base of Ox				32	fresh blgy Qtz biotite Tr py Gn?
					34	sug Qtz bio Tr py Gn in meta sst
557670					36	fgr Gn
					38	"
					40	"
					42	" Tr py
					44	medgr Gn Tr py
557675	EOH				46	" Tr py

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

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

Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
	Alamber Springs	between Catfish & Sleepyhead			

10,000 metre AMG co-ord 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
				W&V		RC Chips	AC DT	07 09 93

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557676	10m E & 30m N of Sample N 576406		ASRC17	0	2	Rdbn 50% Clay 50% Sug Cht minor Hem material
	Bearing 270° m Dip 60			bn	4	Int w lim Hfld Bksh w A 5% Qtz
					6	90% Cht 10% Hemalim mic material BIF
					8	Int Hem/lim slightly sil Hfld Bksh
557680					10	80% Int lim mic material 20% Cht BIF
					12	80% Sug Cht 20% Int lim mic material BIF
					14	20% Cht 80% Int Hem " " "
					16	60% wt Qtz 20% Cht 20% Hem/lim mic BIF
					18	80% Cht 15% lim clays & 5% lim material
557685					20	60% Cht 40% lim/Hem material BIF
					22	70% Cht 30% " "
	Base of Ox			Gybk	24	medgr cbc Hfld Bksh mod A ~10% slightly tornished py
				bk	26	" " 1% Slightly Tar py
					28	80% " " " 20% py
557690	8/9/93				30	Hfld Bksh w high A cbc 5% QTZ ~10% py
					32	"
					34	"
					36	Cbc Hfld Bksh high A medgr ~10% Qtz 1% py
				gy	38	" " 95% Qtz Trpy Bksh
557695				bk	40	5% Qtz 3% py
	poss BIF again either folded or 2 BIFs			vdkgn	42	70% Sug Cht mica seal 25% Hem Hem Bksh Bksh 5% py
					44	70% Sug Cht 30% Hem mica sch Trpy Poss BIF
					46	90% Cht 10% micaceous sch BIF
					48	90% mod to Int lim mic sch 10% Cht
557700					50	" "

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

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

Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
	Allamber Springs	between Catfish & Sleepy Cod			

10,000 metre AMG co-ord 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
				WJV		RC Chip	AG DT	0 8 0 9 9 3

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557701	15m W & 10m N of Sample Nº	576406	ASRC18	0	2	Rotten 60% Qtz 40% Int lim/Hem material BIF
	Bearing 270°m Dip 60°			bn	4	40% Qtz 60% Int lim Hem Sil material BIF
					6	70% Qtz 30% " " "
					8	70% Qtz 30% " " "
557705				dk bn	10	30% Qtz (Sug) 70% dk bn lim mic material BIF
	may not be BIF poss an Int lim Qtz vned micaceous sed				12	80% Sug Cht 20% " " "
					14	85% Sug Cht & Qtz 15% " "
			BIF		16	30% Sug Cht 10% wt Qtz 60% " "
			micaceous Act/Chl Sch w wt Qtz	lt bn	18	30% Qtz 70% Int lim Hem mic sch
557710				gn bn	20	30% Qtz 70% slightly Sil " "
			↓	gy bn	22	60% wt Qtz 40% dkgn. mic sil sch (Act?)
	Base of Qtz				24	5% Qtz 95% dkblgy sil mic sch
				dkgn	26	10% Qtz w minor musc 90% mod sil Act Sch
					28	5% Qtz 95% Act Chl? Sch mod sil Tr py
557715					30	10% Qtz 90% mod sil Act Chl Sch Tr py
	Water Table			blgy	32	30% wt Qtz 65% dkgn Act/Chl Sch 5-7% py
					34	10% wt Qtz 85% " " 5-7% py
					36	Act/Chl sch minor Cht 5% Qtz 1-3% py
					38	mod sil Act/Chl Sch ~5-10% Cht 5% py
557720					40	mod sil Act/Chl ±bio Sch 15% Qtz/Cht 3% py
					42	95% " " 5% Qtz Tr py
					44	as above Tr py
					46	" " 1% py
	wet sample				48	" " Tr py
557725	" "	ECH			50	10% BIF 90% Gn

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
		Allamber Springs	between Catfish Steepy Cod			

Northing (10,000 metre AMG co-ord)	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
					WJV		RC chips	AG	09 09 93

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557726	40mW & 30mN of Sample No 576406		ASRC 19	0	2	Rdbn 60% Clays 30% Qtz 10% Int lim Hem mica sch
	Bearing 270°m Dip 60°			dk bn	4	90% Int lim Hem micaceous sch 10% Qtz
				lt bn	6	Tr " " 100% Qtz
	unrealistic % of Qtz mic sch powders			bn	8	10% 90% lim Qtz
557730				lt bn	10	5% micaceous sch 95% Qtz
					12	10% mod lim micaceous sch 90% Qtz
				bn	14	90% " " 10% Qtz
					16	85% " " 15% Qtz
					18	95% mod-Int lim micaceous Sch 5% Qtz
557735					20	[illegible] 50% Qtz 20% Clay
					22	10% " " 90% slightly ferruq Qtz
					24	40% slightly lim mic sch becoming fresher 60% Qtz
	Base of Ox			lt bl gy	f-med/ 26	blgy mod sil micaceous (Act) Sch 5% Qtz Trpy
		Bio sch => bio & gn feldspar			28	Act/Chl sch 10% Qtz Trpy
557740					30	" " 5% Qtz Trpy
	Water Table				32	" " 10% Cht Trpy
		Act/Chl/Garnet Sch			34	50% Int Sil fgr Act/Chl sch 50% Qtz > minor Cht Trpy
		contains high % biotite			36	10% " " 90% Granite Trpy
		rename to bio sch			38	98% dk gn med sil med-fgr Act/Chl Sch 2% gn Qtz Trpy
557745					40	85% Act/Chl/garnet Sch 15% cht / Qtz Trpy
					42	90% " " 10% Qtz/Cht Trpy
					44	as above "
					46	as above "
					48	60% Act/Chl/Garnet Sch 40% Qtz Cht Trpy
557750					50	60% bio sch 40% Qtz "

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
		Allambee Springs	between Catfish Sleepy Cod			

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
					WJV		RC Chips	MG DT	09 09 93

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557751	65mW & 30m N from Sample N° 576406		ASRC20	0	2	Rebn 80% Clay 20% Hem mic sed Tr Qtz
	Bearing 270°M Dip 60°				4	~60% Int Hem/lim mic sed 20% Qtz 20% Clay
				ltbn	6	Int lim/Hem micaceous sed
					8	" "
557755					10	" " + 10% Qtz
					12	bio rich Int lim micaceous Sch ~3% Qtz
					14	bio Sch slightly lim 2% Qtz
					16	" " Tr Cht
	Base of Ox			ltgy	18	blgy fgr sil bio Sch w minor Chl rare py
557760					20	Vfgr soft blgn mic sil material 5% Qtz 1% py
				bn	22	slightly to mod Hem Hfld Bk Sh ~5% Qtz
				creamy bn	24	90% Qtz (wt) 10% Hfld Bk Sh
				dk bn	26	70% mod Hem Hfld Bk Sh mod A 30% Qtz Tr py
				bk bn	28	" " Tr Qtz
557765					30	" some vgn A ⇒ cordierite
					32	lim & Hem bio rich Hfld Bk Sh mod A
	Water Table			ltgy	34	Qtz bio ~~Sch~~ meta sed
					36	" "
					38	" "
557770					40	Qtz bio/musc ~~Sch~~ meta sed large bio & musc xals 1% py
	Wet sample				42	Bio/musc Qtz meta sed
					44	" " Tr py
					46	" " "
					48	" " Tr py
557775		EOH			50	fgr Bio Sch 5-10% Qtz 1% py

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
		Allamber Springs	Sleepy Cod			

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
					WJV		RC Chips	AG DT	09 09 93

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557776	8506070 N	Section	ASRC21	0	2	Rotton 20% Qtz 80% Int lim Hem mic sch
	Bearing 270m Dip 60°			bkgy	4	dk bn Int lim sil mic sch 30% Qtz
	10m W of sample No 576156			dk bn	6	fgr cht w̄ Hem/lim clays
				bk	8	40% Qtz 60% V Int w Bk sh clay
557780					10	Int Hem Hfld Bk sh
				bn	12	95% lim Qtz cht 5% Hfld Bk sh
					14	70% Qtz 30% Hem/lim micaceous material
					16	80% Qtz/cht 20% pale Int lim micaceous material
					18	80% Qtz Cht 20% " "
557785	base of Qx			pale Blgy	20	80% blgy fgr bio? sch slightly sil 20% Qtz
					22	95% bio chlor gr feldspar sch 5% Qtz Trpy
					24	90% " " " 10% Qtz Trpy
				bn	26	60% Qtz 40% lim material
	Water Table				28	60% Qtz 40% lim material minor wt silver mica
557790					30	90 mica sch (sl wt mic) 5% lim material 5% Qtz
					32	20% mica sch sl wt c bio 80% gn Qtz
					34	95% Qtz 5% mica sch bio sl wt mica
					36	98% mic sch bio amina 2% Qtz sl wt mica
				BY	38	90% " " 10% Qtz
557795					40	95% mic sch sl sil sl wt mica 5% Qtz Trpy
	10/9/93				42	Mic Sch Trpy
					44	5% Qtz Mic Sch Trpy
					46	1% Qtz Mic Sch Trpy
					48	5% Qtz " "
557800		EOH			50	10% Qtz " "

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
		Allamber Springs	Sleepy Cod			

Northing	Easting (10,000 metre AMG co-ord)	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
					WAV		RC chips	AG DT	1 0 0 9 9 3

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557801	8506070N Section 15mE of Sample N° 576156		ASRC22	0	2	Rdbn 30% wt Qtz 70% Qtzite Scree
	Bearing 270°m Dip 60°			Rdbn	4	40% Qtzite 60% Int Lim/Hem mic sch
					6	minor Hem lim & Qtz chips in mic clay
					8	fgr Sil lim micaceous material minor Qtz
557805					10	" "
					12	90% Qtz fgr 10% pale y gn sil material
					14	95% fgr Qtz 5% lim mic sch
			BIF ?	bn	16	70% Qtz lim coating 30% sug Qtz Tr mic sch
			↓		18	Sug Qtz & minor wt clay
557810				wtgy	20	" 10% lim material
					22	" 5% lim material 10% wt clay
	Base of Ox water table			bk	24	60% Bio Sch 40% Qtz Tr py
					26	Qtz Bio Sch 1% py
					28	" " Tr py
557815					30	Qtz bio Sch (40%) 60% wt Qtz 1% py
					32	1% Qtz 5% py 94% fgr Hfld Bk Sch or Bio Sch
					34	fgr Hfld Bk Sch 10% py Tr Qtz
					36	" " 3-5% py Tr Qtz
					38	" 10% py "
557820					40	" " 15% py 20% Qtz
					42	" " 10% py 10% Qtz
					44	" " Hematitic 20% py 5% Qtz
					46	as above
					48	" " 15% py 5% Qtz
557825					50	" " 3% py 10% 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
		Allamber Springs	Sleepy Cod			

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
					WAV		RC Chip	AG DT	1 0 0 9 9 3

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557826			ASRC 22	50	52	fgr Hfld Bk Sh 15% Py 5% Qtz
					54	30% " " 20% Py 50% Qtz
					56	70% " " 20% Py 10% Qtz
		EOH			58	90% " " 5% Py Tr Gn Tr Bir ? 5% Qtz
557830			ASRC 23	0	2	Rdbn Qtz & Qtzite Scree
				Rdbn	4	90% Qtzite (Scree) 10% Int Hem micaceous sed
				bn	6	Qtz & minor Hem material
					8	70% Wt micaceous Clay 30% Sug Qtz (Cht?)
					10	Qtz w minor clay
557835					12	Qtz w minor clay & bio
					14	" " " + mic sch
				dkbn	16	Qtz w minor clay & bio
					18	Qtz w minor clay bio & tourmaline 15% blgy Qtz bio
				rdbn	20	Hem mic sch 20% Qtz
557840				Hbn	22	bio sch
	Base of Ox			Hgy	24	Cht 20% 80% Qtz/bio/slwt mica sch (hard)
					26	Qtz bio meta sed Cht 5% Tr py
					28	Qtz bio meta sed
	wet sample				30	Qtz/bio/garnet meta sed
557845					32	" gn Qtz tr py
					34	" gn Qtz tr py
					36	" " tr py
					38	" " "
					40	" " " "
557850					42	" high % Qtz "

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

Aztec Mining Company Limited SAMPLE INFORMATION

Sheet 1 : 250,000 sheet

Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
	Allamber Springs	Sleepy Cool/ARCHER FISH			

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
					WdV		RC Chip	AG DT	1.0.0.9.9.3

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557851			ASRC23	42	44	Qtz biotite metased Tr py
					46	" " "
					48	Qtz rich "
					50	Qtz rich Tr garnet "
557855	11/9/93		ASRC24	0	2	ltbn lim fgr clay c w+ clay
				creamy bn	4	" "
				y bn	6	lim clay or v lnt w Ssn minor chips of sil cbc ssn /sh
				bn	8	70% clays 30% Hem chips
				bn bk	10	80% Hem chips 20% ybn sil material
557860				dk bn	12	dk ybn chalcedonic material (amorphis Si) · Hematitic
				bn	14	clear Qtz to ltgy could be similar to above but Low to No Fe content
					16	" "
					18	clear-wt-bk Cht/qtz
	Hole abandoned due to fallin				20	" " chalcedonic material
557865			EOH		22	bn bk " "
			ASRC25	0	2	Colluvium rubble. To- Red clay and smokey qtz 80% qtz
					4	" " "
					6	Red-brown weath schist 10% grey qtz
					8	" " 20% grey qtz
557870					10	" " 20% grey qtz
					12	Buff coloured sericite/mic schist. Occ dk chip - cc?
					14	Dk-med grey chalcedony chips. Mottled
					16	Khaki green, weath clay. Micaceous (Biot?). 20% chips & fgr dk min cc?
					18	Khaki green [illegible] material f.g. dk min [illegible] strongly weath
557875					20	as above [illegible]

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
		Allamber Springs	Archer Fish			

Northing	Easting (10,000 metre AMG co-ord)	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
					WJV		RC chips	AG DT	0993

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557876			ASRC 25	20	22	Olive green, highly weathered sericitic clays 10-15% qtz chips green.
					24	Brown highly weath. Sec sil, material becoming harder
					26	as above. Possibly after tremolite (Similar to weath u/mafic)
					28	" " " green clays
557880					30	mottled, highly weath material. Lime green clays, w-n ter biot/sericite chips
					32	as above + 20-30% hard sec sil dk brown chips. ironstone
					34	mottled, highly weath multicoloured - biot/ser clays fe staining grey clay + lime green chips
					36	as above + dk grey black, 20-30% chips biotite + or cc.
					38	" "
557885					40	Dk brown sil(hard) chips ± f.gr. strong pale min. + 30-40% lime green. weath
					42	as above. No hard chips abund green(lime) chips 20-30% qtz
					44	highly weath mottled. Buff col. clay - sericitic. Prim. fabric destroyed
					46	20-30% hard dk brown ironstone chips in buff coloured cuttings. clay
					48	brown m Fe Ox sericitic/ biot. highly weath schist, FeOx spots
557890					50	as above. Diss. f.gr. dk mineral 2-4% cc?
					52	Brown highly weath. clays f.gr. diss black min cc? or FeOx
					54	as above 5-10% qtz chips
					56	Dk choc brown ironstone and chalc
			ASRC 26	0	2	Red brown earthy sil. chips and hem/goeth. seds
557895				2	4	red-brown s. weath, mic sed. Mottled
				4	6	80% pale creamy sil chips ± 20% dk biot. red-brown
				6	8	Dk brown goeth rich ironstone
				8	10	S. Hem mic, dusty. red. col.
				10	12	"
557900				12	14	"

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

Northing (10,000 metre AMG co-ord grid)	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
557901			ASRC26	14	16	80% grey cbc Sm chips 20% hem red M FeOx (hem)
				16	18	Dk grey black graphitic cbc Schist
				18	20	" "
				20	22	" "
557905				22	24	" " 5% FeOx Sm chips
				24	26	" " "
				26	28	[illegible] cbc " "
				28	30	becoming harder 10% Sil chips (dyke). Dkm grey black cbc Sm
				30	32	[illegible] grey black cbc Sm.
557910				32	34	" " "
				34	36	" " "
				36	38	" "
				38	40	"
				40	42	" " "
557915				42	44	"
				44	46	" "
				46	48	"
				48	50	"
				50	52	" " 5% Py
557920				52	54	" "
				54	56	" " 5-10% Py
				56	58 EOH	" 5% Py
557925						

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

ANNUAL REPORT
EXPLORATION LICENCES
7138, 7684 AND 7935
ALLAMBER SPRINGS PROJECT

JANUARY 1993 TO DECEMBER 1993

BY

IAN K BUTLER

OF

AZTEC MINING COMPANY LTD

VOLUME II OF II
(ENCLOSURES)

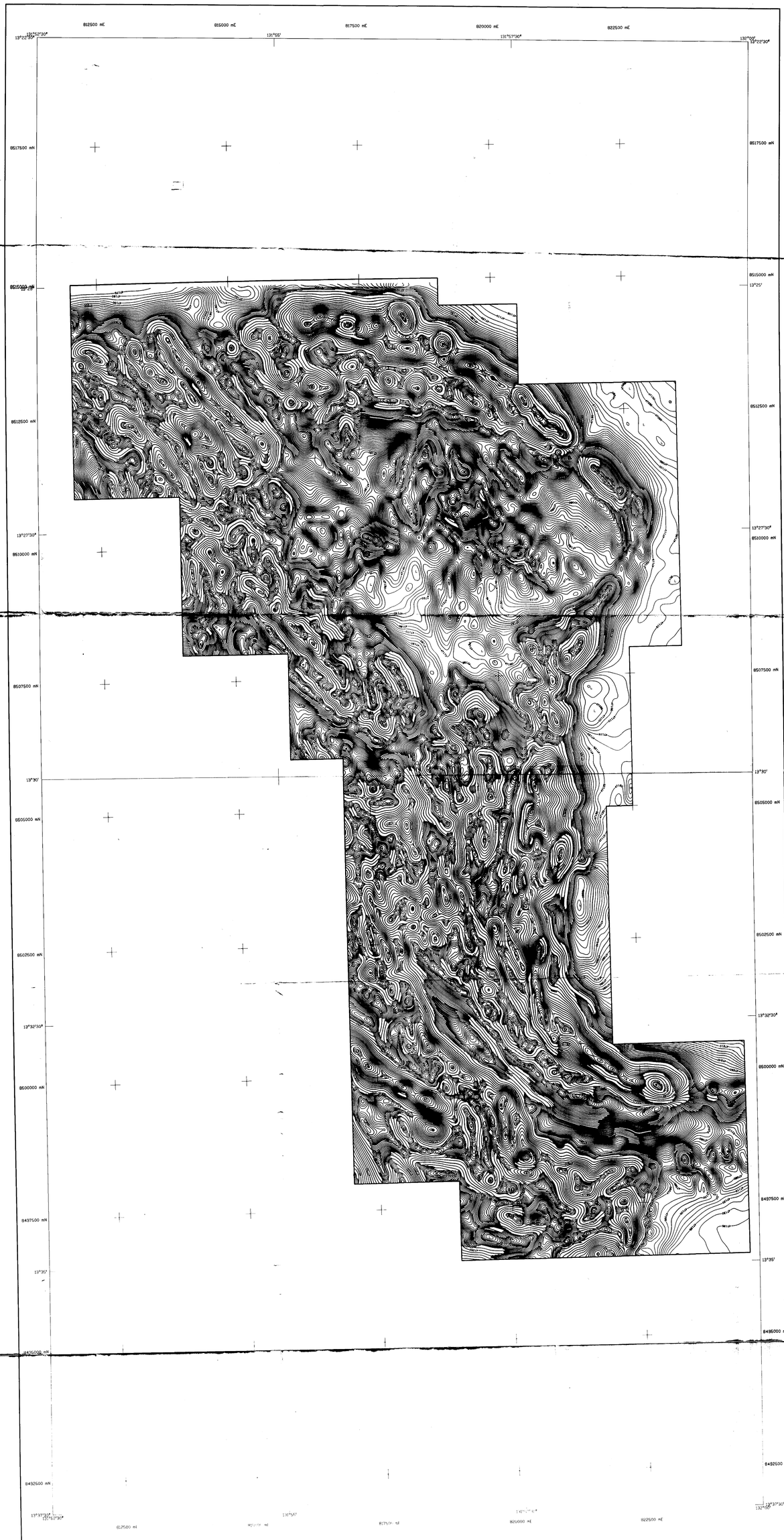
PINE CREEK SD52-03
MOUNT EVELYN SD53-05
McKINLAY RIVER 5271
PINE CREEK 5270
RANFORD HILL 5370

DARWIN NT
January 1994

CR 94/082B
VOL 2 of 2.

LIST OF ENCLOSURES (VOLUME II)

1. Geology Fact Map 1:25,000
2. Airmagnetics Contour Plan 1:25,000
3. Soil Traverses and Drill Hole Location Plan 1:25,000
4. Cu Soil Geochemistry (Contoured) Sheet 1 . . . . . 1:10,000
5. Pb Soil Geochemistry - Sheet 1 . . . . . 1:10,000
6. Zn Soil Geochemistry - Sheet 1 . . . . . 1:10,000
7. Cu Soil Geochemistry (Contoured) Sheet 2 . . . . . 1:10,000
8. Pb Soil Geochemistry - Sheet 2 . . . . . 1:10,000
9. Zn Soil Geochemistry - Sheet 2 . . . . . 1:10,000
10. Cu Soil Geochemistry (Contoured) Sheet 3 . . . . . 1:10,000
11. Pb Soil Geochemistry - Sheet 3 . . . . . 1:10,000
12. Zn Soil Geochemistry - Sheet 3 . . . . . 1:10,000
13. Big Barra Geology Fact Map 1:2,500
14. Black Bream Geology Fact Map 1:2,500
15. Catfish North Geology Fact Map 1:2,500
16. Catfish Geology Fact Map 1:2,500
17. Sleepy Cod North Geology Fact Map 1:2,500
18. Sleepy Cod South Geology Fact Map 1:2,500
19. Rainbow Fish Geology Fact Map 1:2,500
20. Ox Eyed Herring Geology Fact Map 1:2,500
21. Big Barra Drill Section 1900N 1:500
22. Black Bream ASDDH2 Section 1:500
23. Black Bream Drill Section 2200N 1:500
24. Black Bream Drill Section 2000N 1:500
25. Black Bream Drill Section 1800N 1:500
26. Catfish Drill Section 8400N 1:500
27. Catfish Drill Section 8200N 1:500
28. Catfish South Drill Section 1:500
29. Sleepy Cod Drill Section 9300N 1:500
30. Archer Fish Drill Section 1:500
31. Stream Sediment Location Map - EL 7935 . . . . . 1:25,000



AIRBORNE SURVEY SPECIFICATIONS

AIRCRAFT	CESSNA STATIONAIR 206G
MAGNETOMETER	SCINTREX CF-1 SELF BEAM CESIUM VAPOUR
	RESOLUTION: 0.01 nanoTesla
	CYCLE RATE: 0.5 seconds
	SAMPLE INTERVAL: 14 metres
SPECTROMETER	GEOMETRICS 756 CHANNEL 256 CHANNEL GAMMA
	Channels
	Total Count: 0.41 - 3.00 MeV
	K_{40}: 1.37 - 1.56 MeV
	Bi_{214}: 1.67 - 1.86 MeV
	Tl_{208}: 2.41 - 2.65 MeV
	Cosmic: 3.02 - 6.00 MeV
	VOLUME: 33.56 litres
	CYCLE RATE: 1.0 second
	SAMPLE INTERVAL: 70 metres
DATA ACQUISITION	HEWLETT PACKARD 9000 SERIES COMPUTER
	AEROQUEST DIGITAL ACQUISITION SYSTEM
FLIGHT LINE SPACING	Traverse lines: 200 metres
	Tie lines: 5000 metres
FLIGHT LINE DIRECTION	Traverse lines: 050-270 degrees
	Tie lines: 000-180 degrees
SURVEY HEIGHT	70 metres - mean terrain clearance
NAVIGATION	Using EPLUS UHF radio positioning

DATA PROCESSING

CONTOUR INTERVAL 5 nanoTesla

The magnetic data have been corrected for regional gradient by subtraction of I.G.R.F. model 1985, and secular variation model 1985 - 1990. Diurnal magnetic variations have been removed.

System parallax has been removed.

CLIENT : Hylac Mining Company Limited

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AIRBORNE GEOPHYSICAL SURVEY
PINE CREEK - NORTHERN TERRITORY
DECEMBER 1987 - MAY 1988
TOTAL FIELD MAGNETIC CONTOURS
TOTAL MAGNETIC INTENSITY

Scale 1 : 25 000

500 0 500 1000 1500 2000 2500 metres

AUSTRALIAN MAP GRID

Flown and compiled by AEROQUEST HOLDINGS LIMITED

AEROQUEST

1:25000 SHEET INDEX

5271 II-SW	5271 II-SE	5371 III-SW
5270 I-NW	5270 I-NE	5370 IV-NW
5270 I-SW	5270 I-SE	5370 IV-SW

GRID NORTH

TRUE NORTH

MAGNETIC NORTH

North point readionships are shown for the centre of the map. Magnetic north is true for 1990.

GRID/MAGNETIC ANGLE 3°03'28"
GRID CONVERGENCE 1°47'31.88"
SECULAR VARIATION 0°09'00" east per year

ENCLOSURE 1.

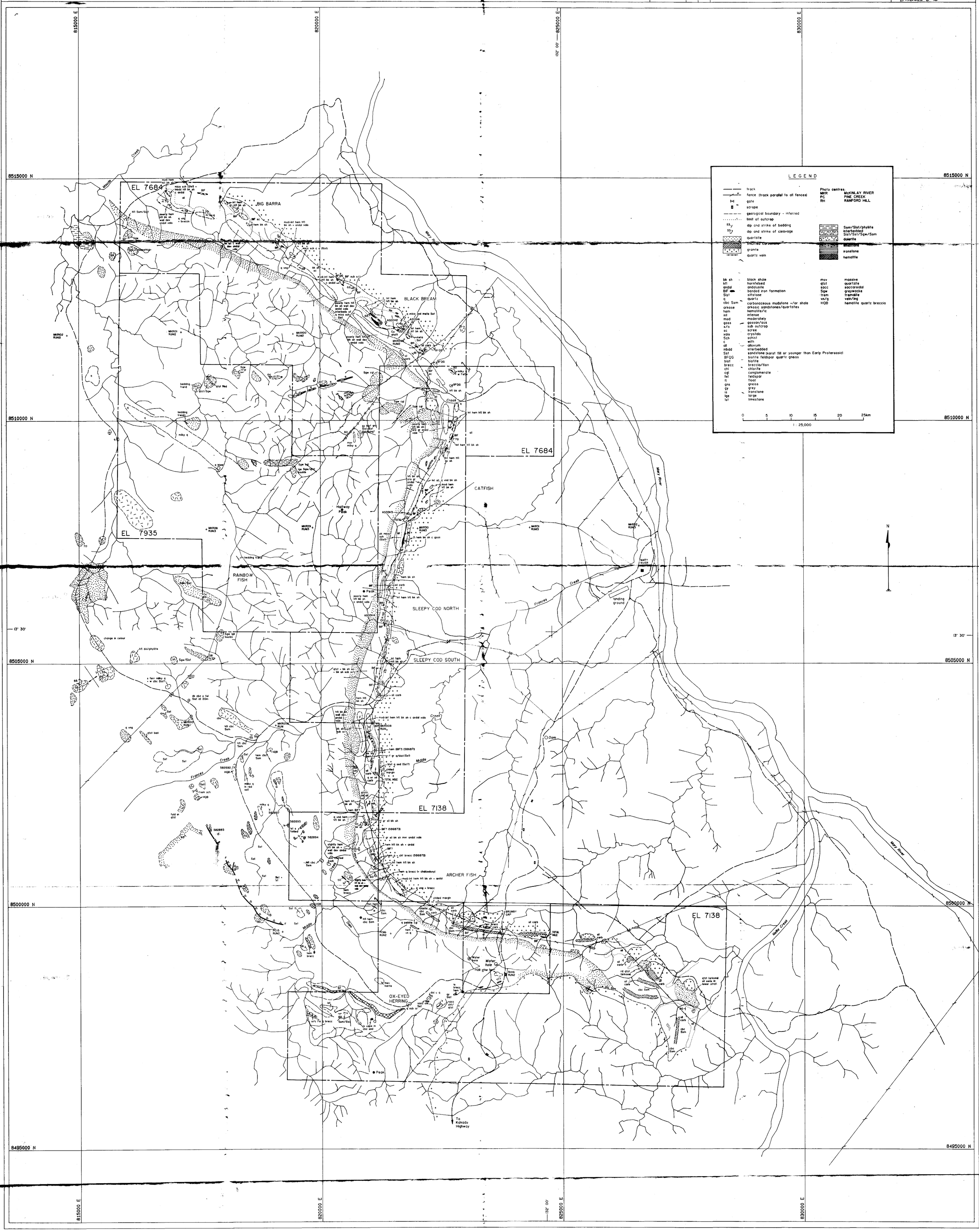
Eupene Exploration Enterprises

	Init	Date
Geologist	AG	
Drawn	M.C.B	FEB.93
Checked		
Approved		

AZTEC MINING LIMITED
ALLAMBER SPRINGS PROJECT
GEOLOGY FACT MAP

File : MTMASSON
Scale : 1 : 25000
Date : AUGUST 1993

Enclosure 2



Eupene Exploration Enterprises

	Init	Date
Geologist	AG	
Drawn	M.C.B	OCT.93
Checked		
Approved		

AZTEC MINING LIMITED

ALLAMBER SPRINGS PROJECT

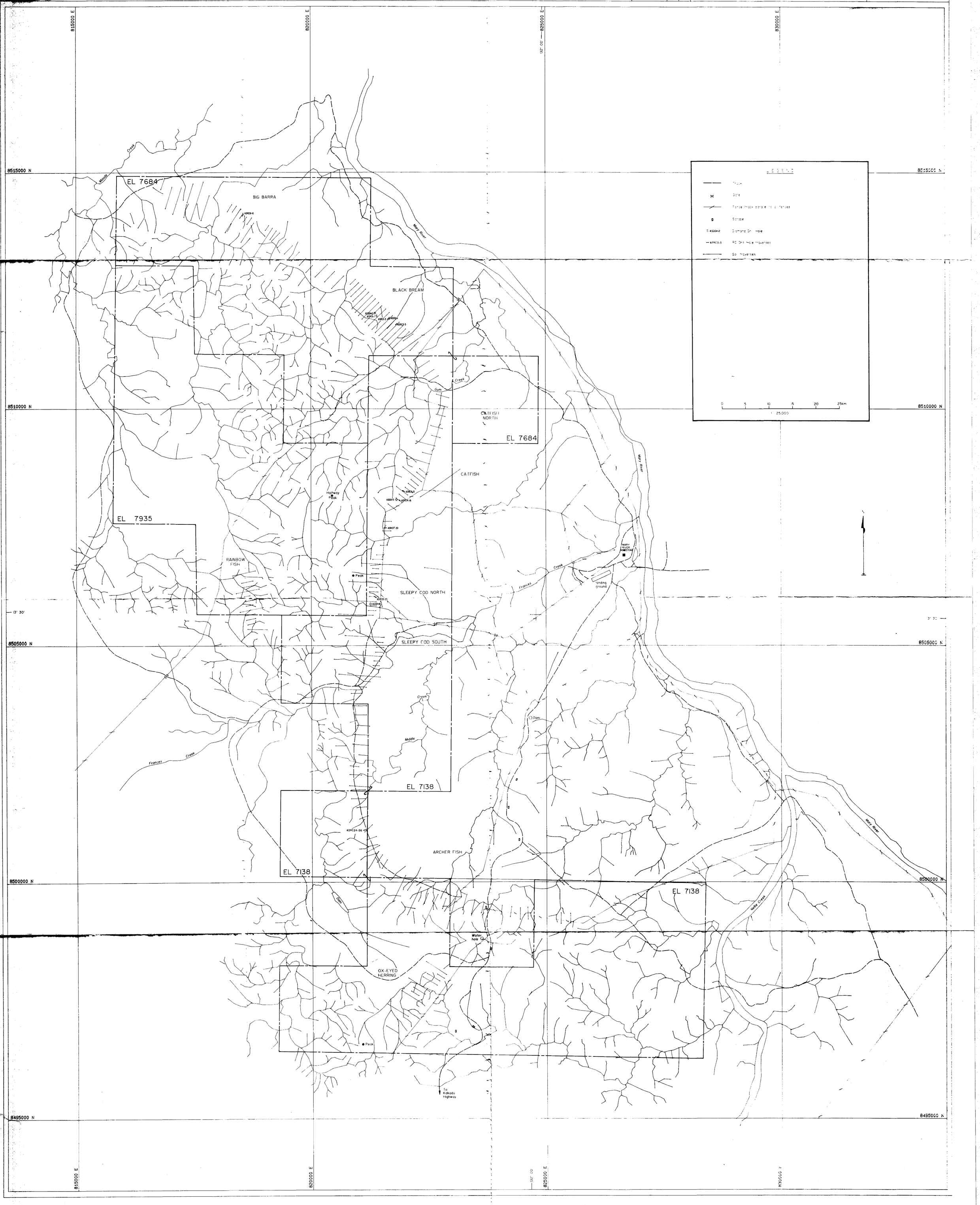
SOIL TRAVERSES AND DRILL HOLE LOCATION PLAN

File : MTMASSON

Scale : 1 : 25000

Date : 15 Feb 1993

Enclosure 3



Woodcutters Mine

	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT

ALLAMBER SPRINGS - NORTH

Pb GEOCHEMISTRY

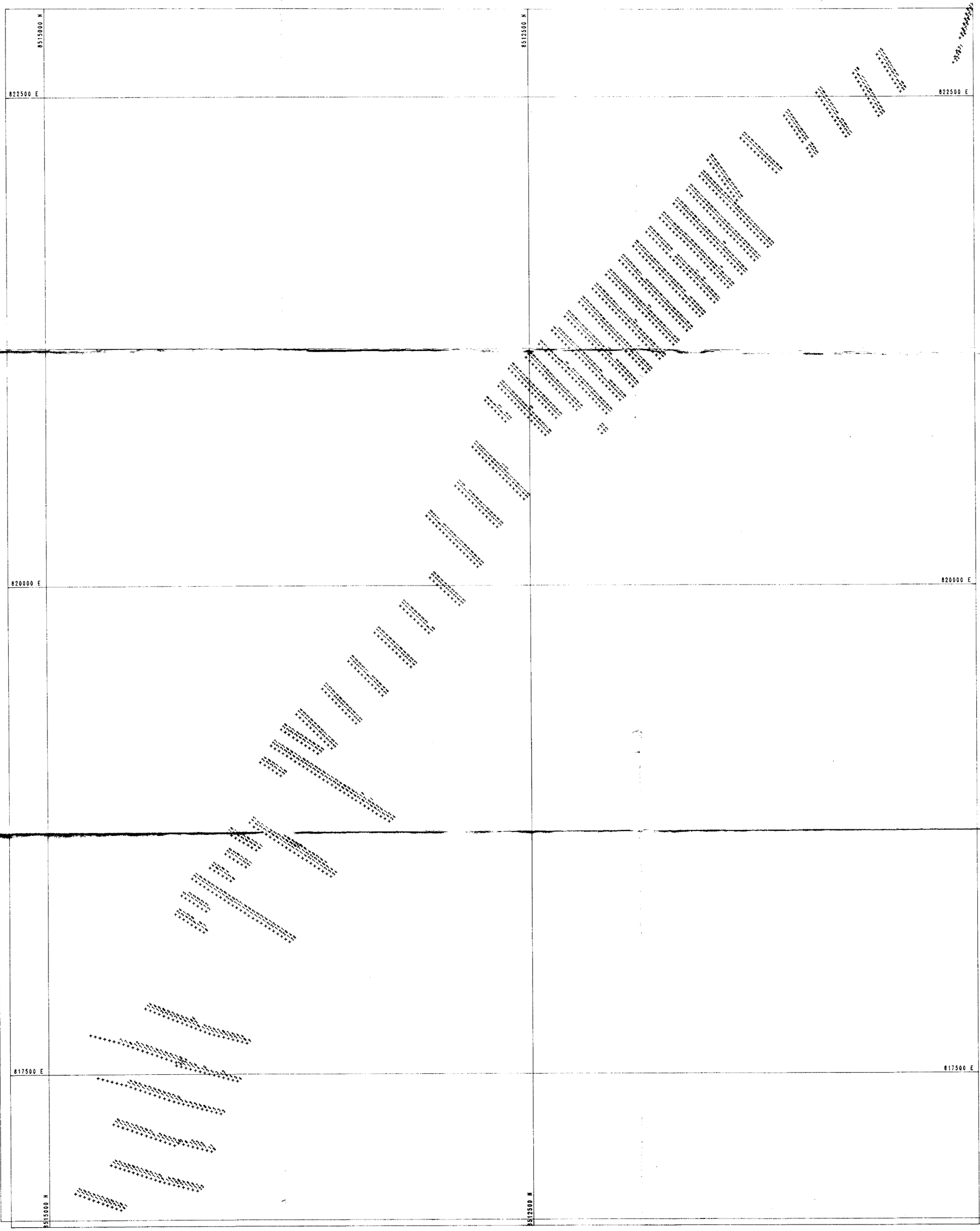
SHEET 1

File :ASNPB

Scale :1 : 10000

Date :22 Aug 1993

Enclosure 5



Woodcutters Mine

SHEET 1
SHEET 2
SHEET 3

	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT

ALLAMBER SPRINGS - NORTH

Cu GEOCHEMISTRY

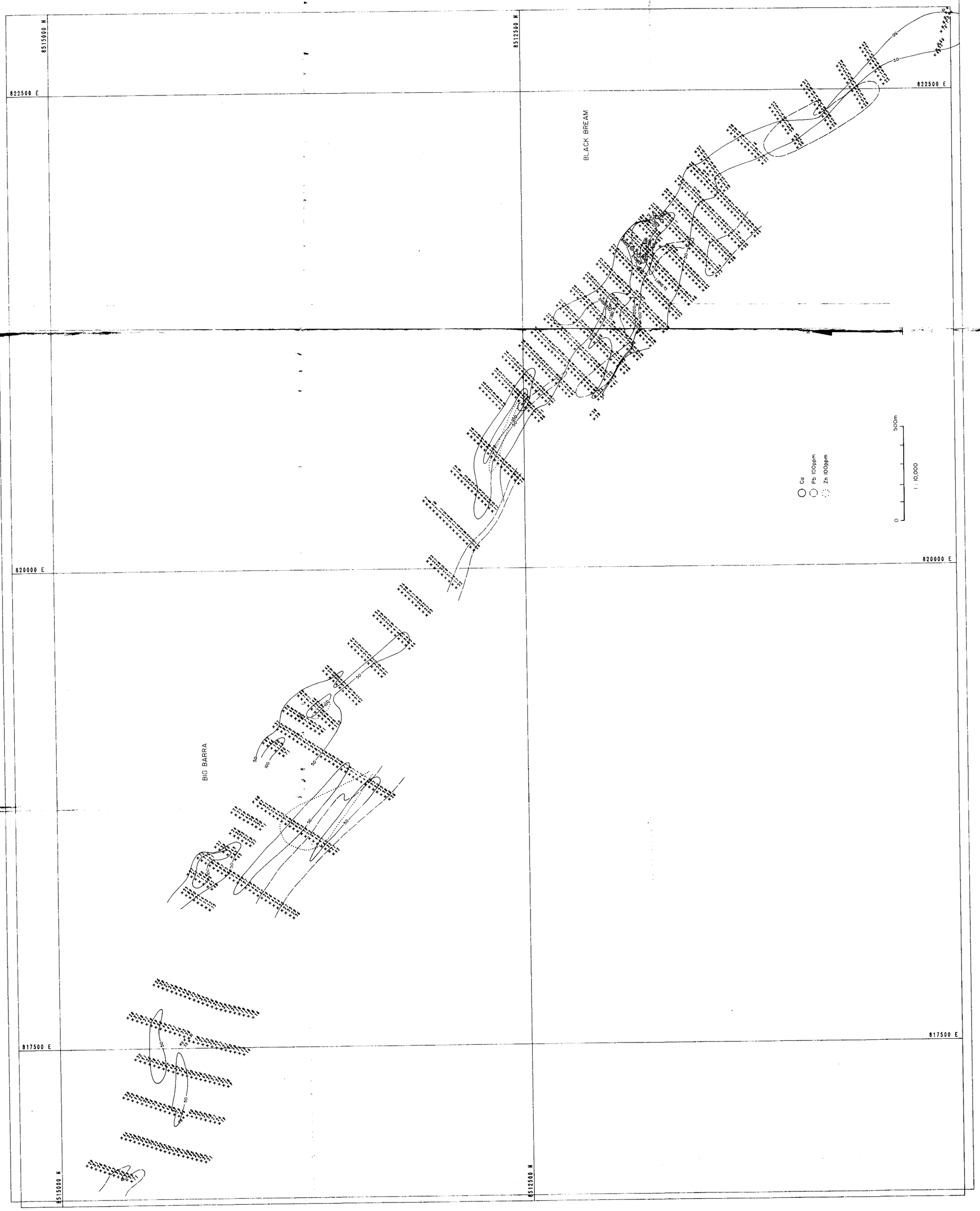
SHEET 1

File :ASN

Scale :1 : 10000

Date :15 Nov 1993

Enclosure 4



Woodcutters Mine

	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRING PROJECT

ALLAMBER SPRINGS - NORTH

Zn GEOCHEMISTRY

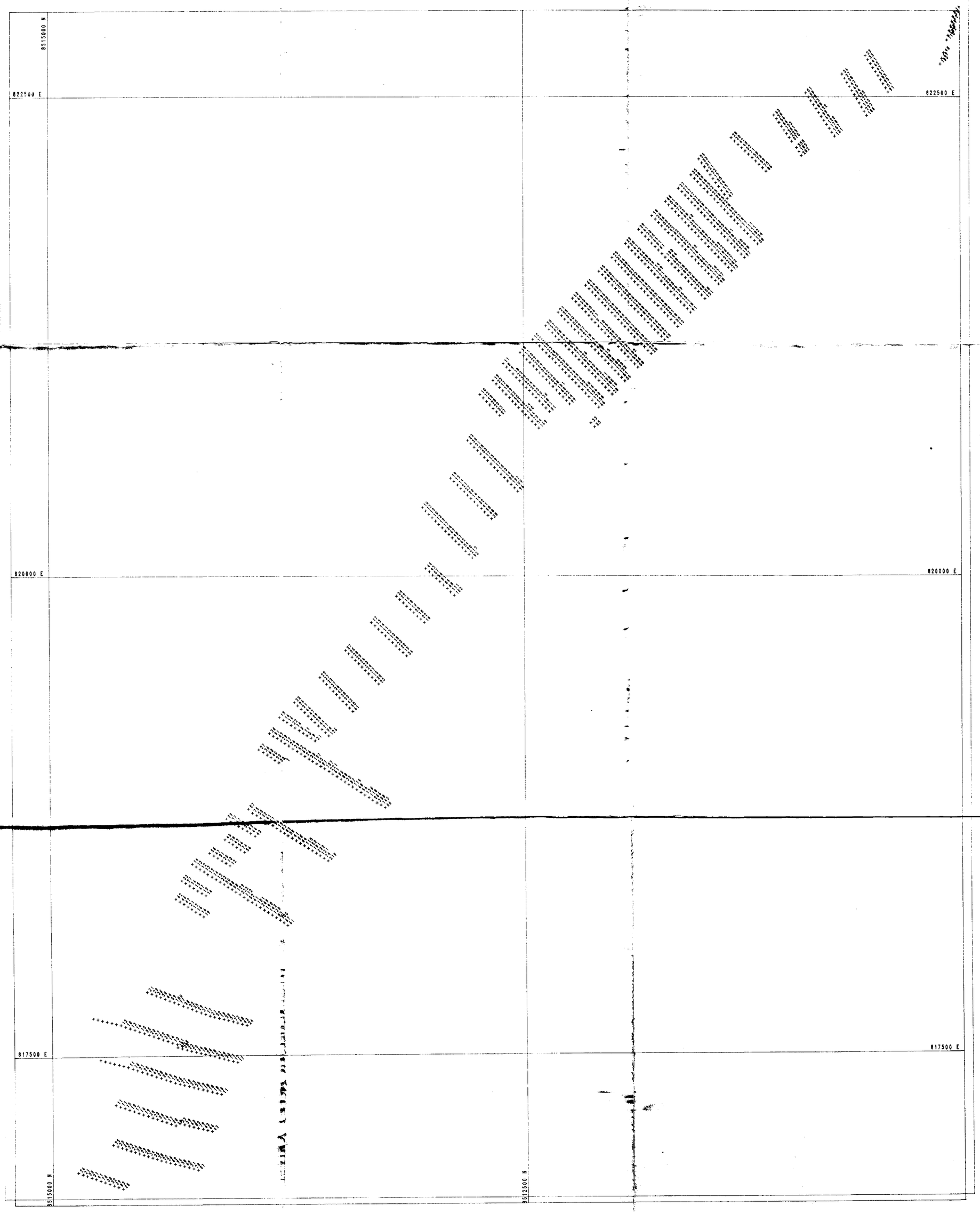
SHEET 1

File :ASNZN

Scale :1 : 10000

Date :22 Aug 1993

Enclosure 6



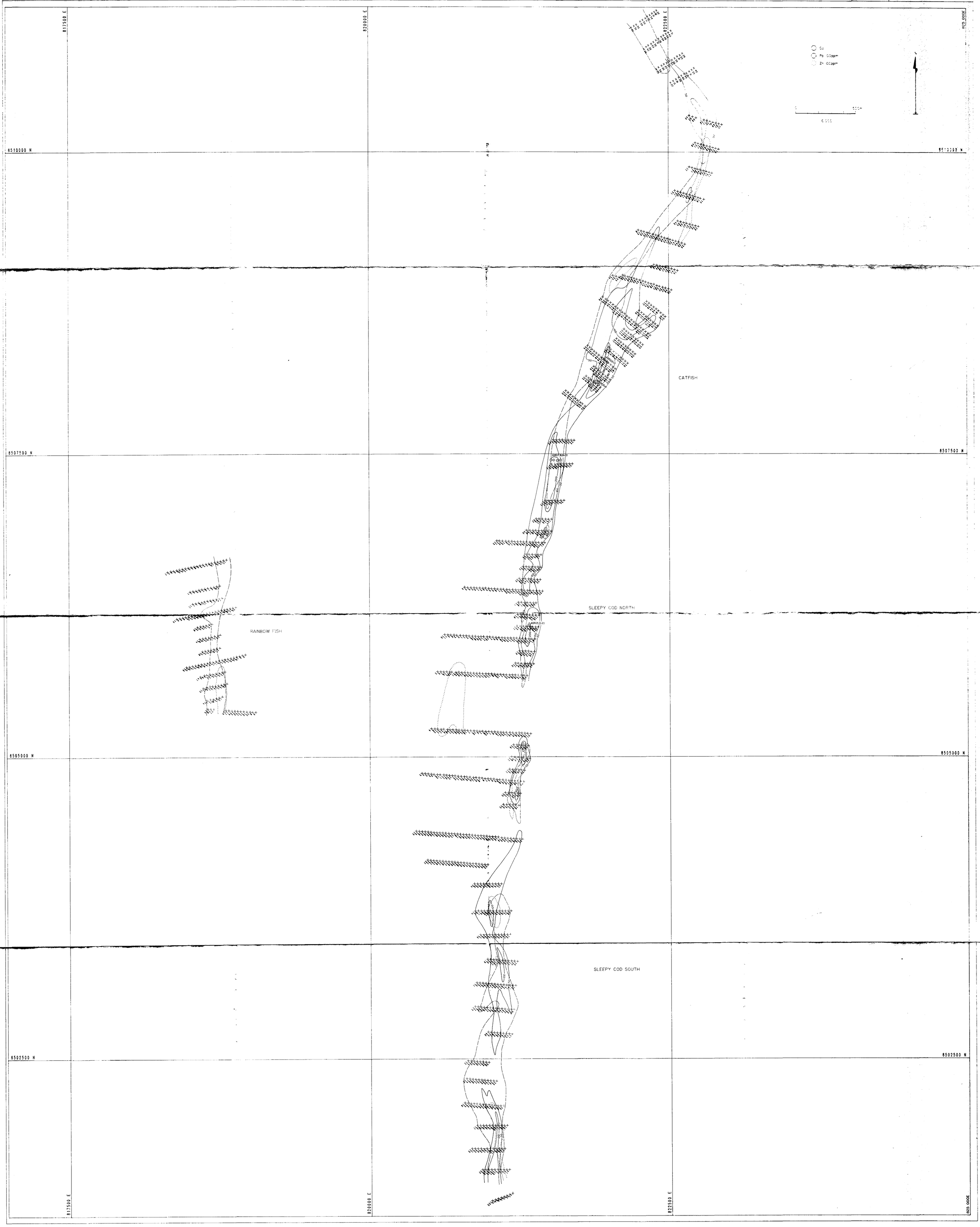
Woodcutters Mine

SHEET 1
SHEET 2
SHEET 3

	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT
ALLAMBER SPRINGS - CENTRAL
Cu GEOCHEMISTRY
SHEET 2

File : ASC
Scale : 1 : 10000
Date : 15 Nov 1993
Enclosure 7

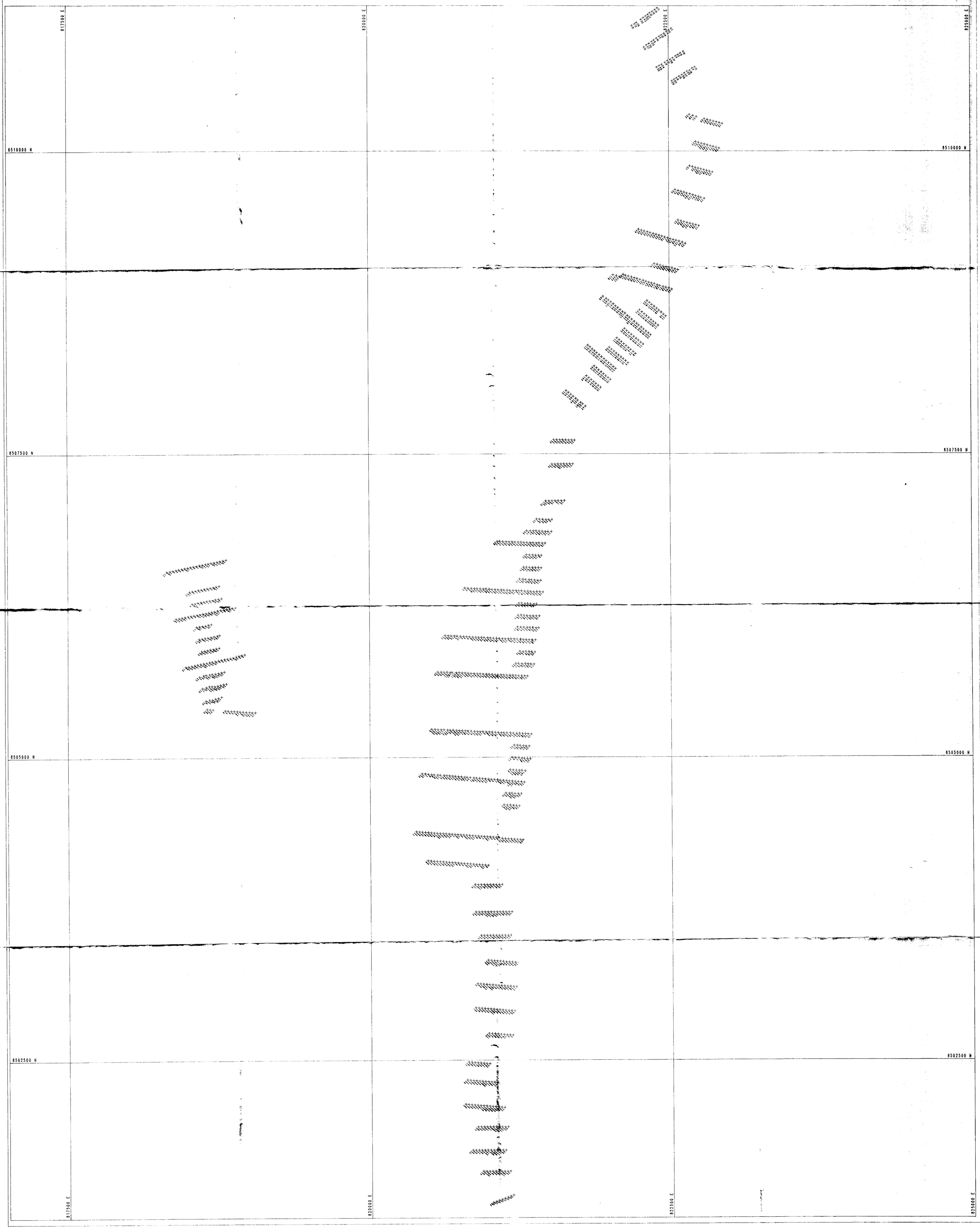


Woodcutters Mine

	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT
ALLAMBER SPRINGS - CENTRAL
Pb GEOCHEMISTRY
SHEET 2

File : ASCPB
Scale : 1 : 10000
Date : 18 Nov 1993
Enclosure 8

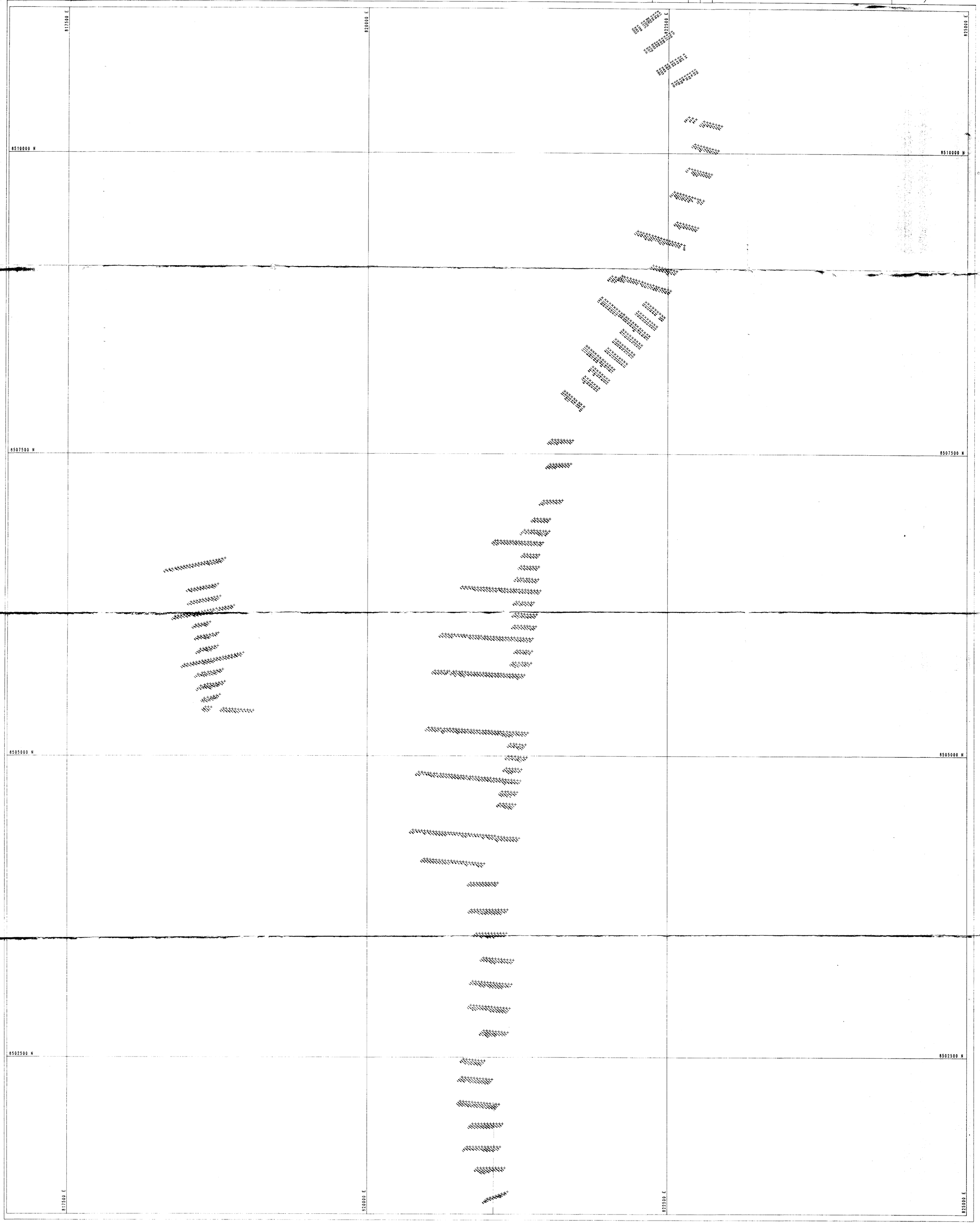


Woodcutters Mine

	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT
ALLAMBER SPRINGS - CENTRAL
Zn GEOCHEMISTRY
SHEET 2

File : ASZN
Scale : 1 : 10000
Date 18 Nov 1993
Enclosure 9



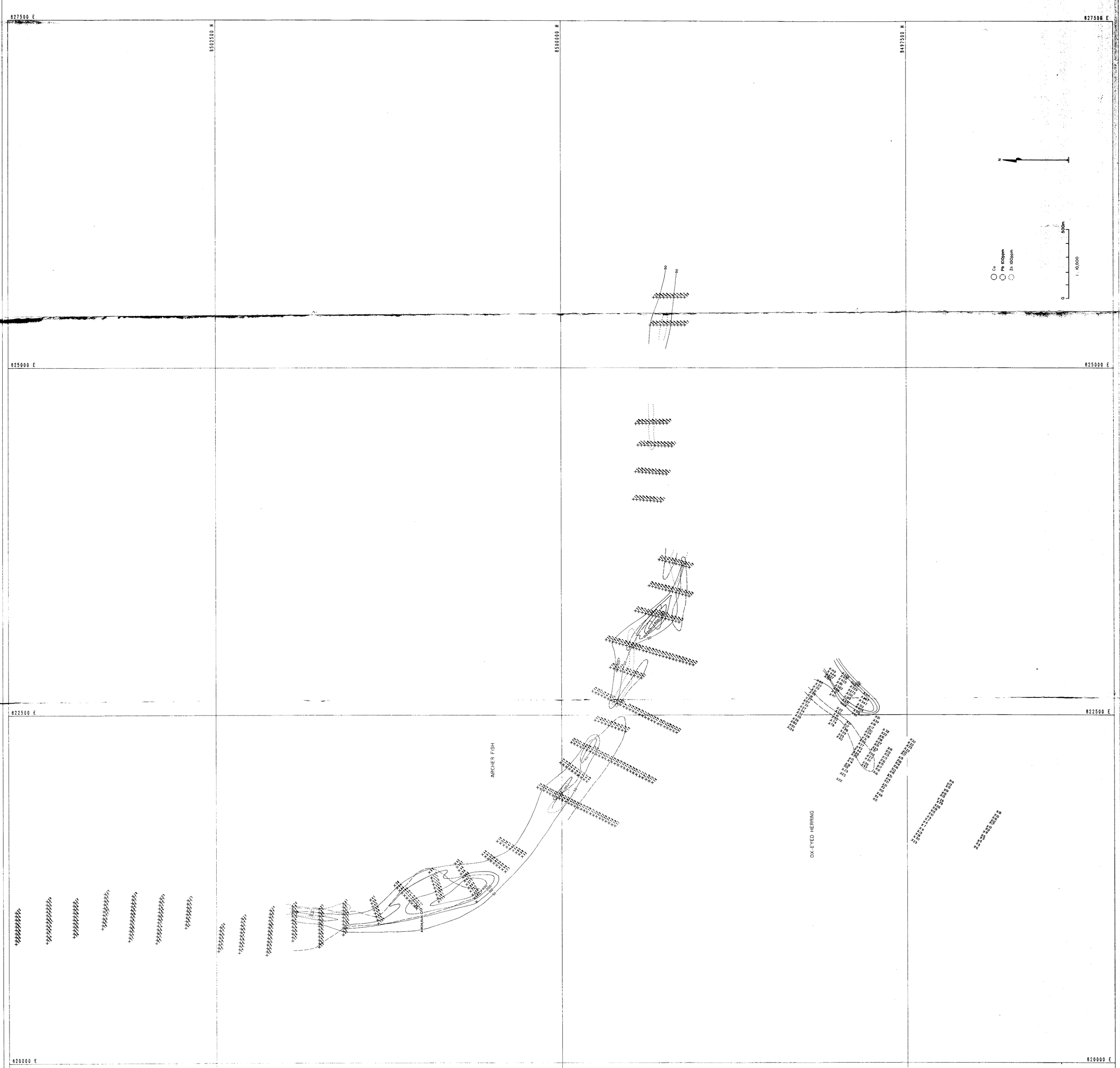
Woodcutters Mine

SHEET 1
SHEET 2
SHEET 3

	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT
ALLAMBER SPRINGS - SOUTH
Cu GEOCHEMISTRY
SHEET 3

File : ASS
Scale : 1 : 10000
Date : 15 Nov 1993
Enclosure 10

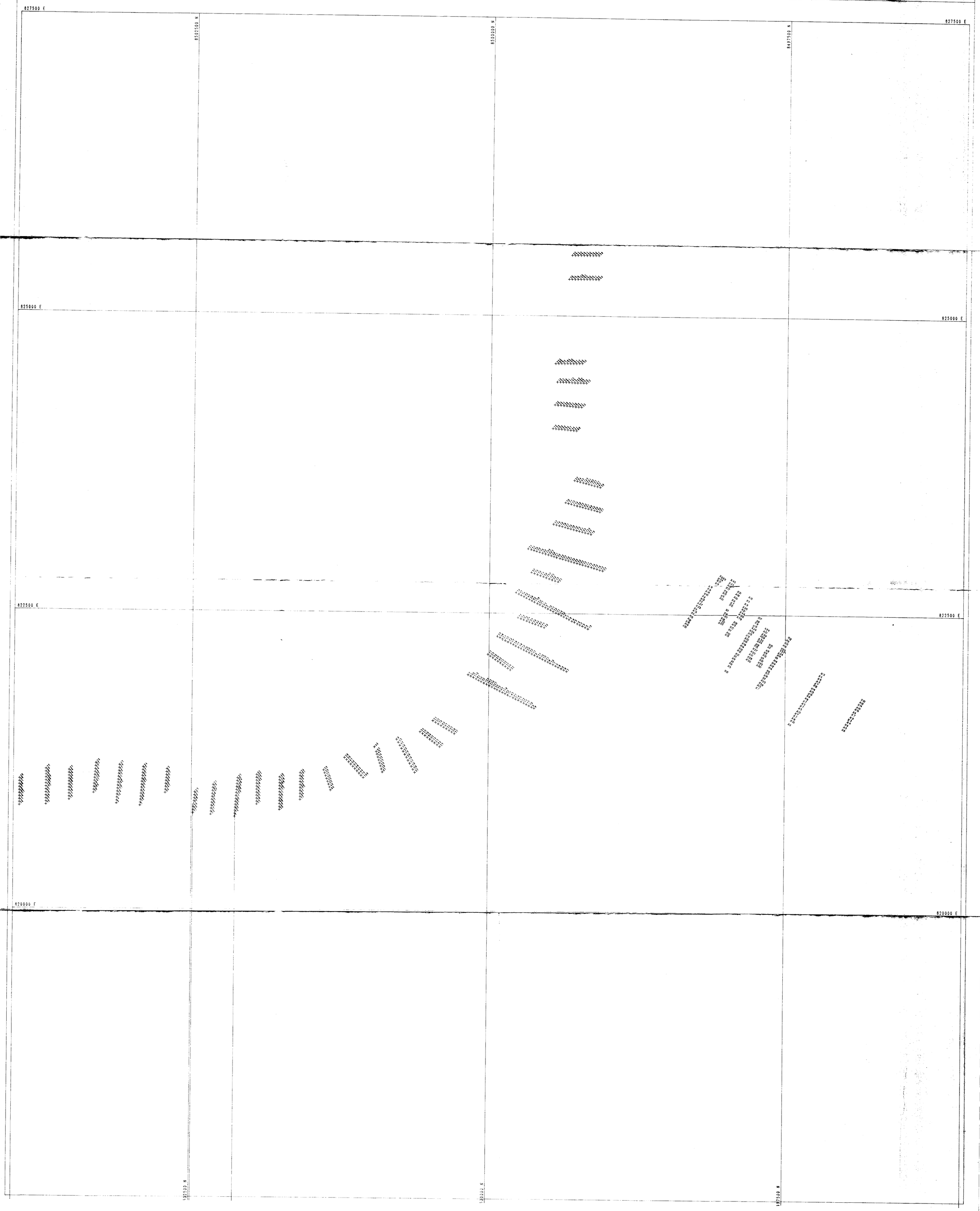


Woodcutters Mine

	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT
ALLAMBER SPRINGS - SOUTH
Pb GEOCHEMISTRY
SHEET 3

File : ASSPB
Scale : 1 : 10000
Date : 21 Aug 1993
Enclosure //

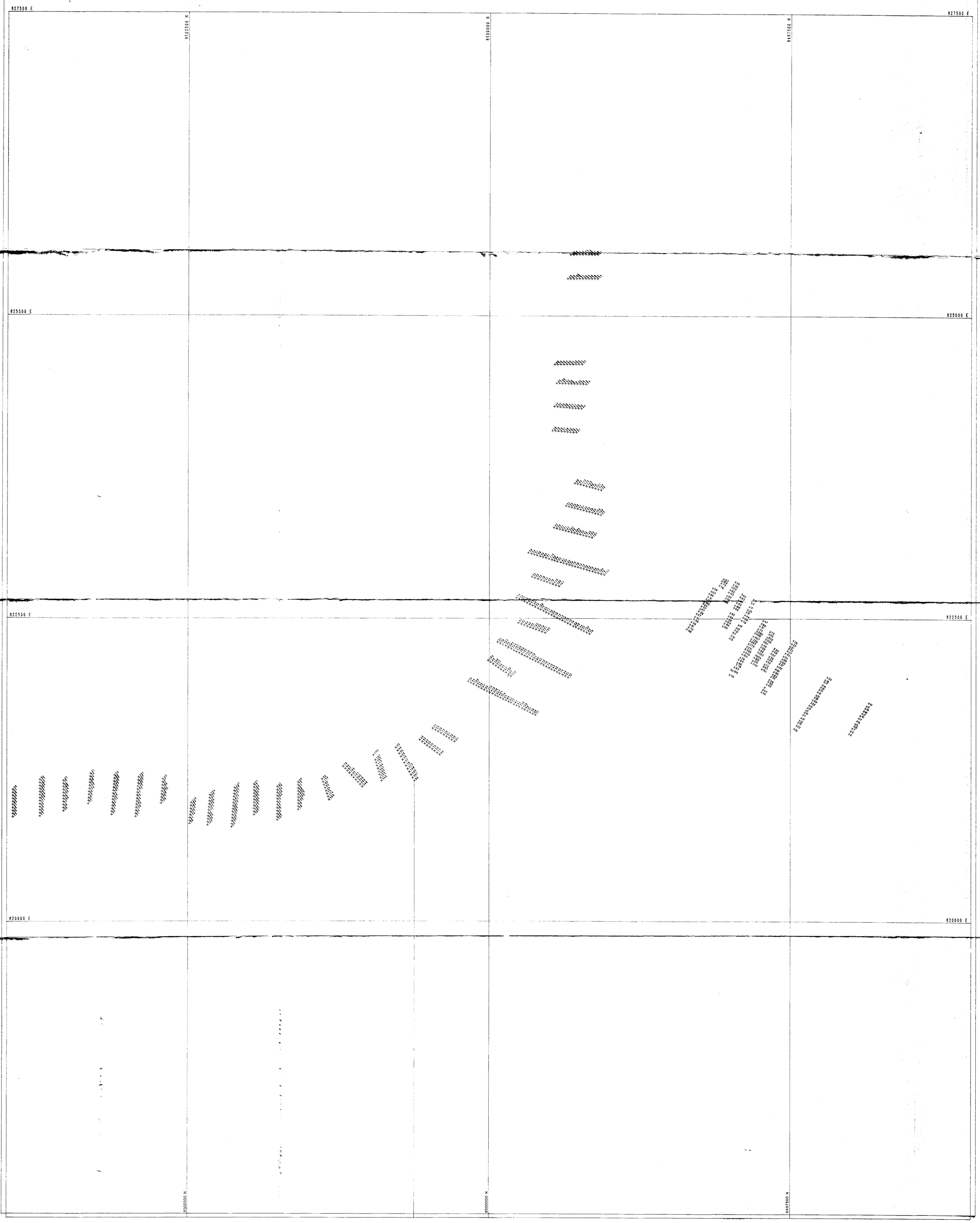


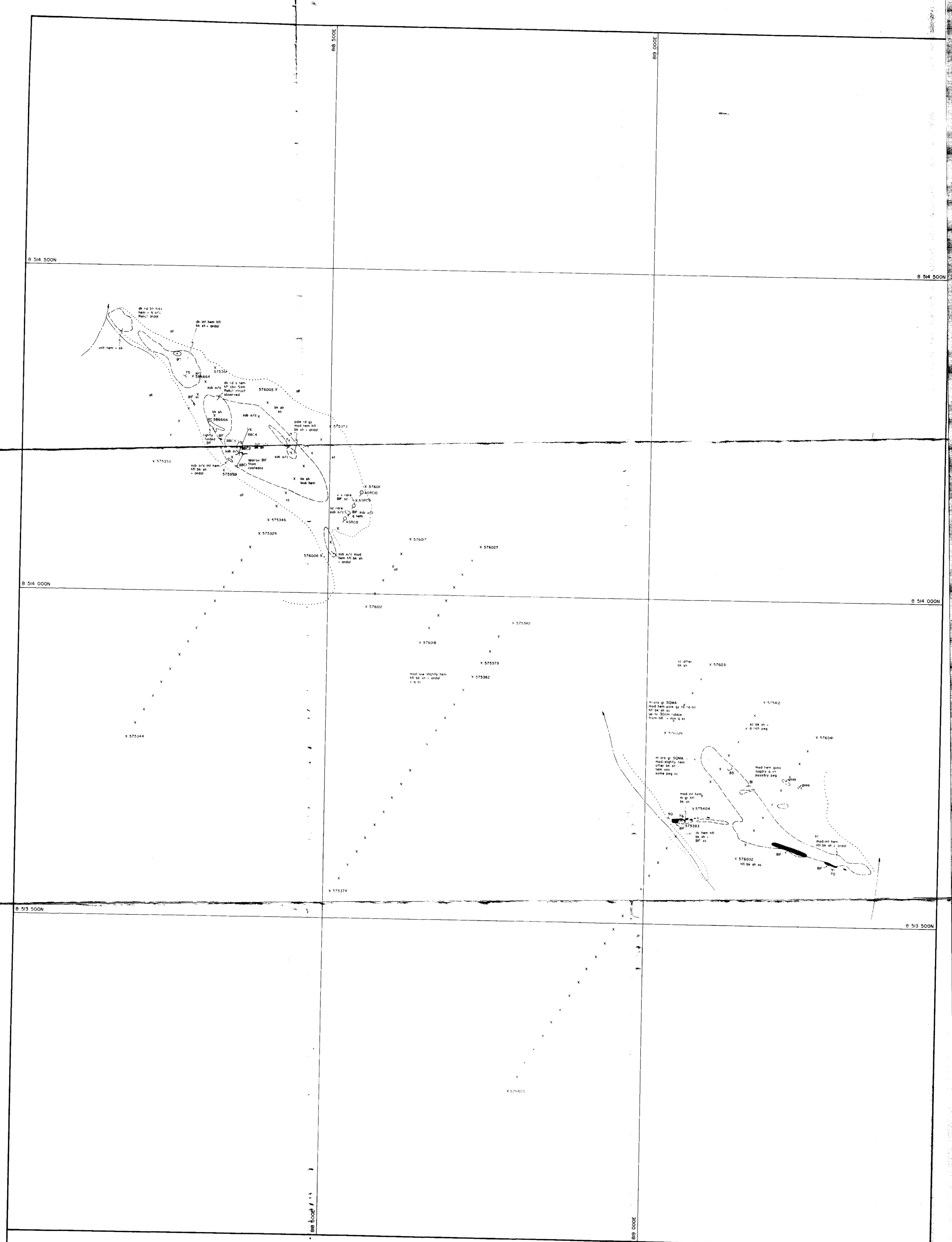
Woodcutters Mine

	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT
ALLAMBER SPRINGS - SOUTH
Zn GEOCHEMISTRY
SHEET 3

File : ASSZN
Scale : 1 : 10000
Date : 21 Aug 1993
Enclosure 12





geological boundary
outcrop
limit of sub crop
dip and strike of bedding
creek
BBC3 costean
X 575751 soil traverse sample locations

all	alluvium
andal	andalusite
BIF	banded iron formation
bk	black
dk	dark
gy	grey
hem	hematite
hfl	hornfelsed
int	intense/ly
mod	moderate/ly
o/c	outcrop
peg	pegmatite
q	quartz
rd	red
sc	scree
sh	shale
SQMA	sedimentary quartz muscovite andalusite
v	very
vn	vein
vnlt	veinlet
grt	granite

GRID NORTH

0 100 200m

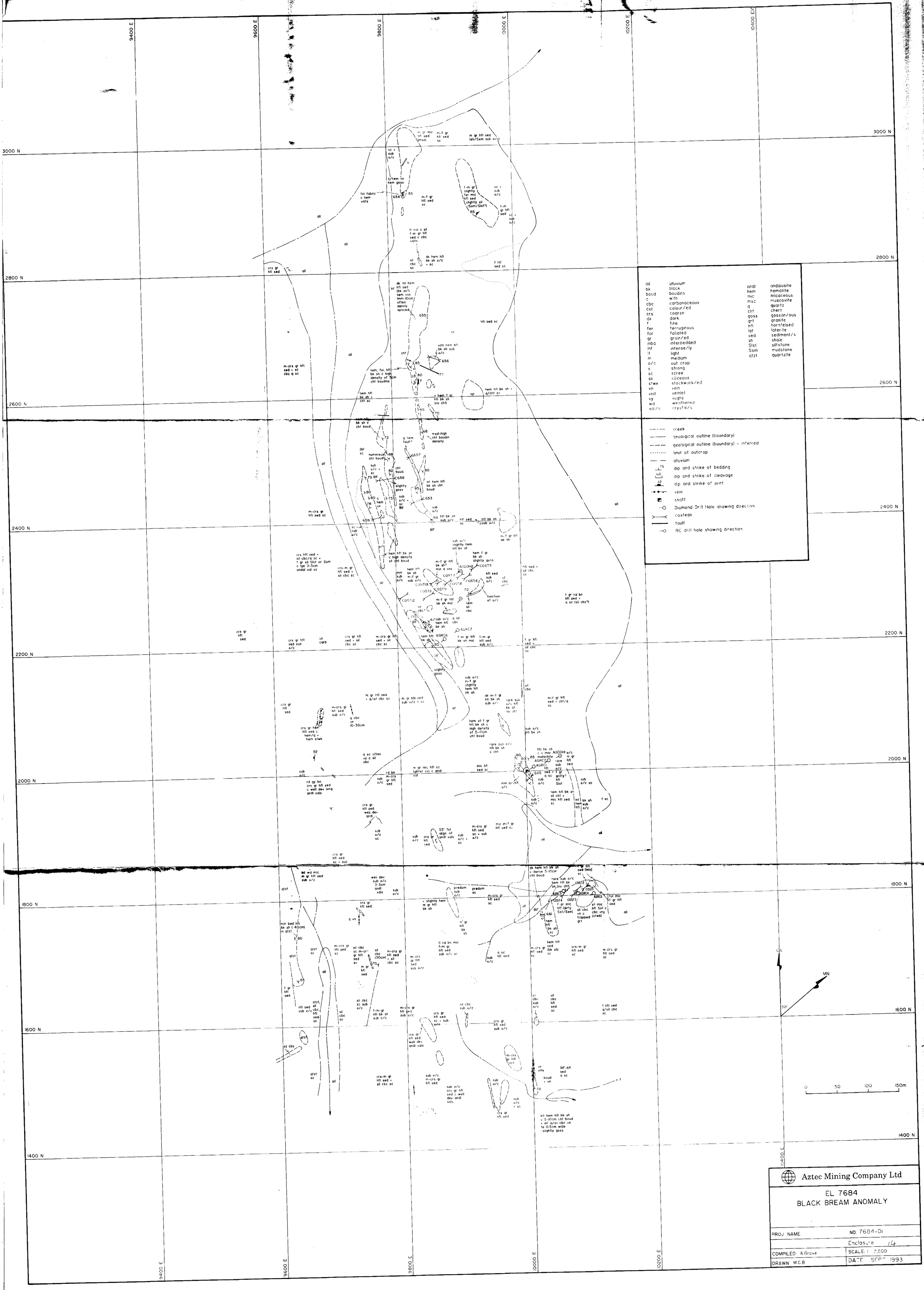
Aztec Mining Company Ltd

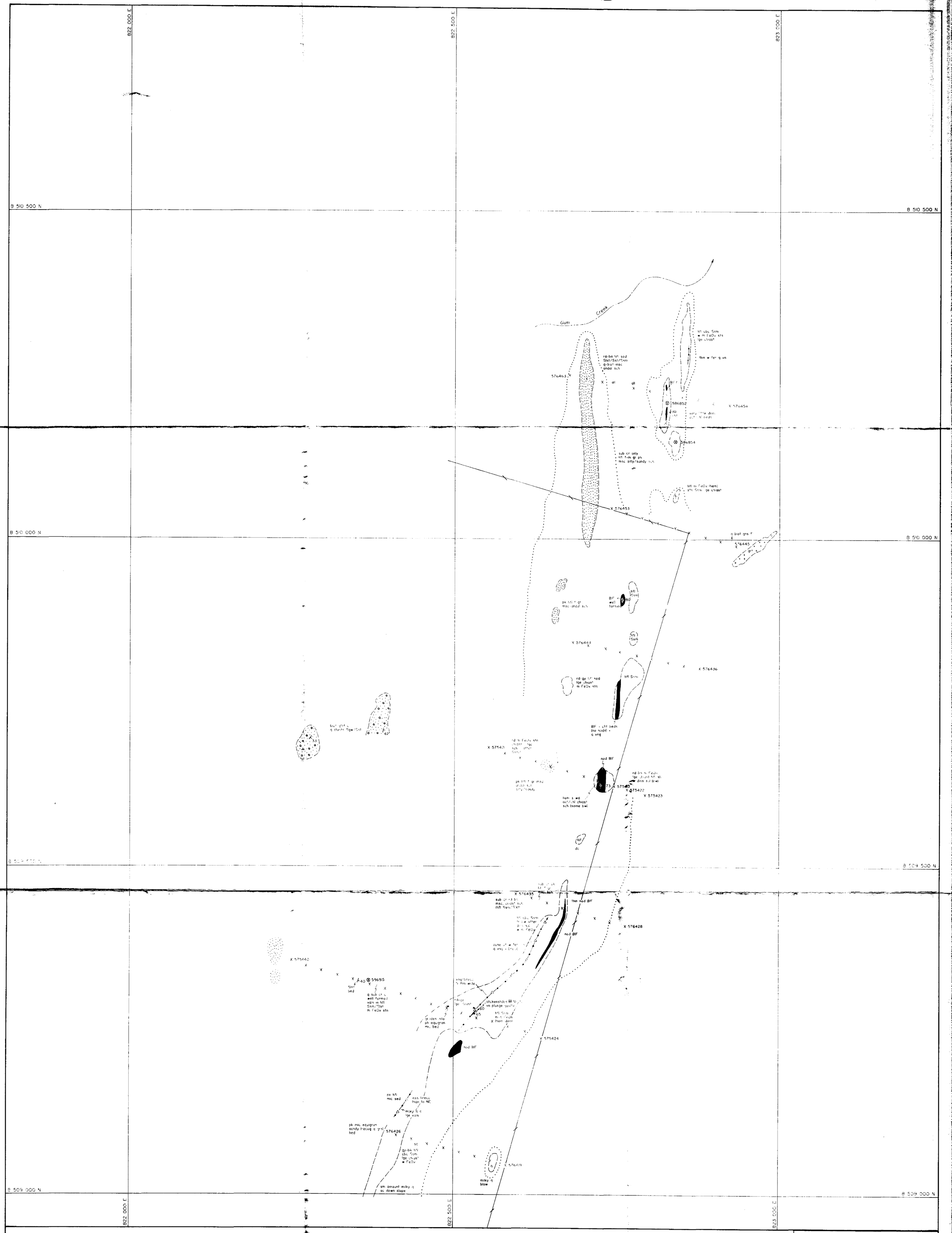
EL 7684
BIG BARRA ANOMALY
GEOLOGY FACT MAP

PROJ. NAME: ALLAMBER SPRINGS NO. 7684-02

Enclosure 13

COMPILED: A. Grove
SCALE: 1 : 2,500
DRAWN: M C B
DATE: JULY 1993


9400 E
9600 E
9800 E
10000 E
10200 E
10400 E
3000 N
2800 N
2600 N
2400 N
2200 N
2000 N
1800 N
1600 N
1400 N
all
alluvium
bk black
boud boudins
c with
cbc carbonaceous
col colour/ed
crs coarse
dk dark
f fine
fer ferruginous
fol foliated
gr grain/ed
inbd interbedded
int intense/ly
lt light
m medium
o/c out crop
s strong
sc scree
sil siliceous
stwk stockwork/ed
vn vein
vnlt veinlet
vy vughy
wd weathered
xal/s crystal/s
andl andalusite
hem hematite
mic micaceous
msc muscovite
q quartz
cht chert
goss gossan/ous
grt granite
hfl hornfelsed
lat laterite
sed sediment/s
sh shale
Slst siltstone
Ssm mudstone
qtzt quartzite
creek
geological outline (boundary)
geological outline (boundary) - inferred
limit of outcrop
alluvium
dip and strike of bedding
dip and strike of cleavage
dip and strike of joint
vein
shaft
Diamond Drill Hole showing direction
costean
fault
RC drill hole showing direction
GN
MN
50°
0 50 100 150m
Aztec Mining Company Ltd
EL 7684
BLACK BREAM ANOMALY
PROJ NAME
NO. 7684-01
Enclosure 14
COMPILED: A.Grove
SCALE: 1:2,500
DRAWN M.C.B
DATE: SEPT 1993



creek	act	actinolite	dom	dominant	msc	muscovite	sul	sulphides
geological boundary	alt	alluvium	equigran	equigranular	nod	nodular	sub cr	sub crop
	andal	andalusite	f	fine	pk	pink	tr	trace
	biot	biotite/ic	fer	ferruginous	q	quartz	vn/ing	vein/ing
	BIF	banded iron formation	FeOx	iron oxide	qtzt	quartzite	w	weak
quartz vein	bk	black	fl	float	rd	red	wd	weathered
granite	bn	brown	gns	gneiss	s	strong	xls	crystals
586852 rock chip sample location	brecc	breccia/ted	gr	grain/ed	sc	scree		
x 576421 soil traverse sample location	bw	boxwork/ed	grt	granite	sch	schist		
52 dip and strike of bedding	c	with	gy	grey	sed	sediment/s		
	cbc	carbonaceous	hem	hematite/ic	sh	shale		
	chiast	chiastolite	hfl	hornfelsed	Sgw	greywacke		
	chl	chlorite/ic	lat	laterite/ic	Slst	siltstone		
	cht	chert	lge	large	Ssm	mudstone		
	dc	duricrust	m	medium	Sst	sandstone		
	diss	disseminated	mic	micaceous	stn	stain/s/ed		

GRID NORTH

0 100 200m

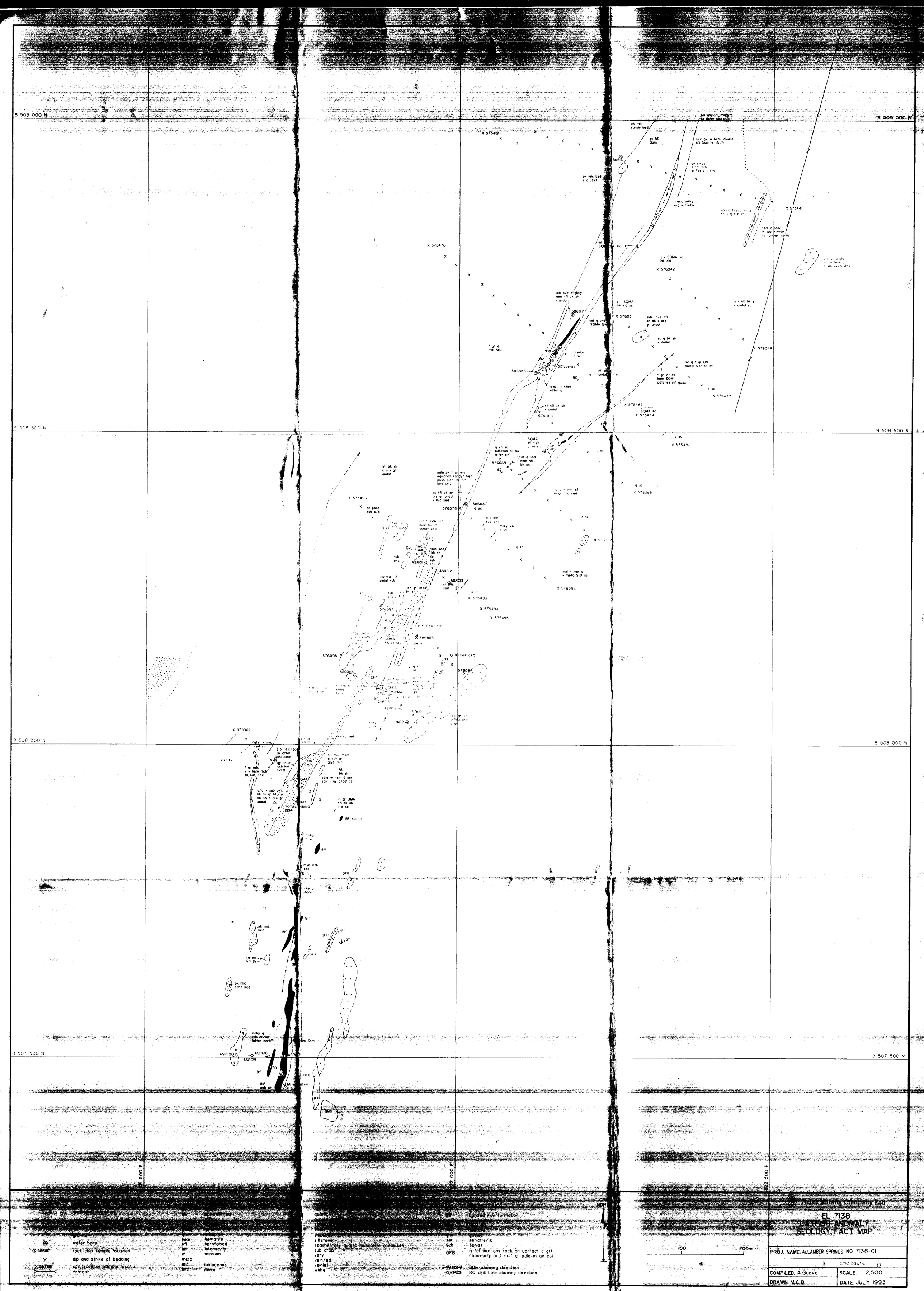
Aztec Mining Company Ltd

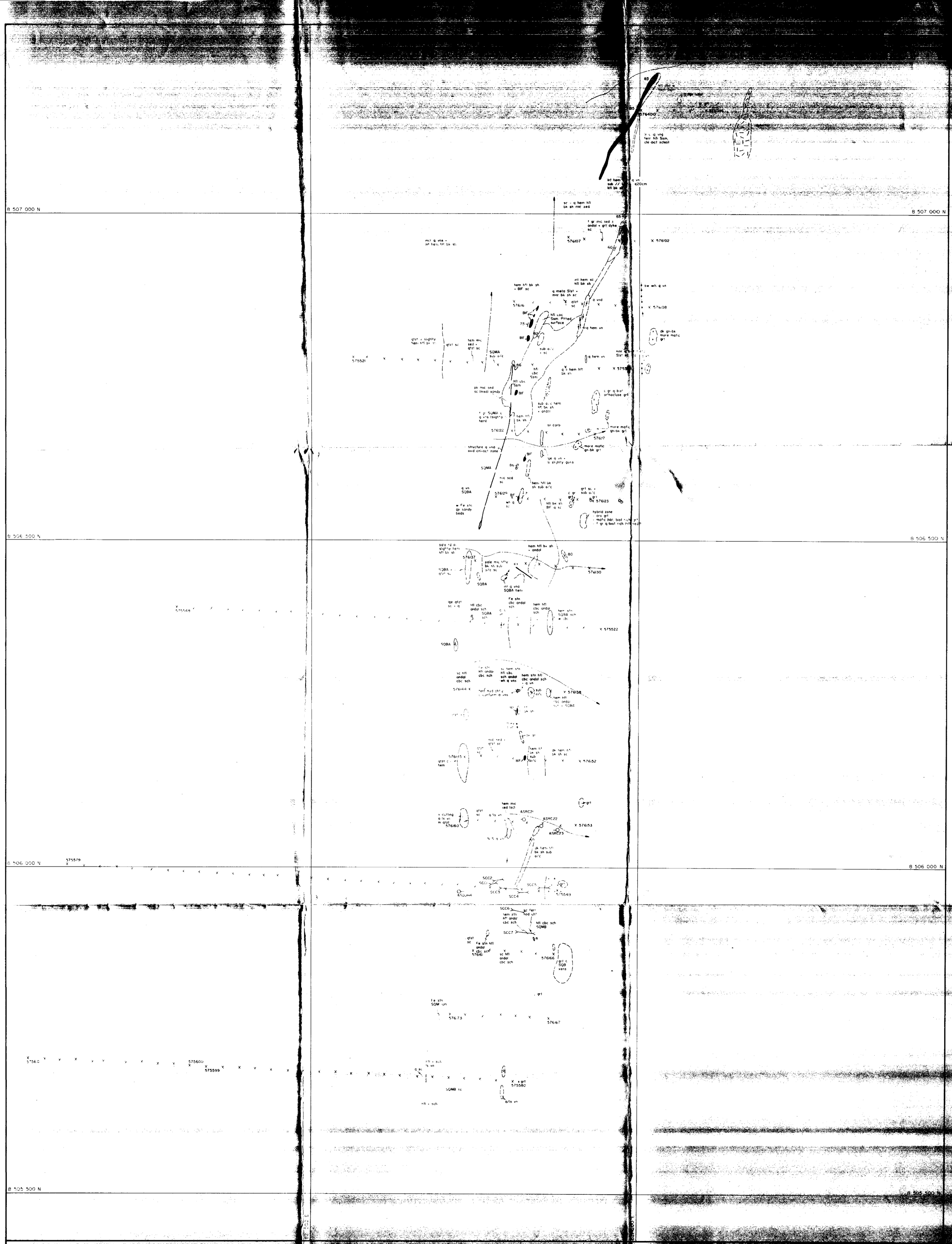
EL 7138
CATFISH ANOMALY
GEOLOGY FACT MAP

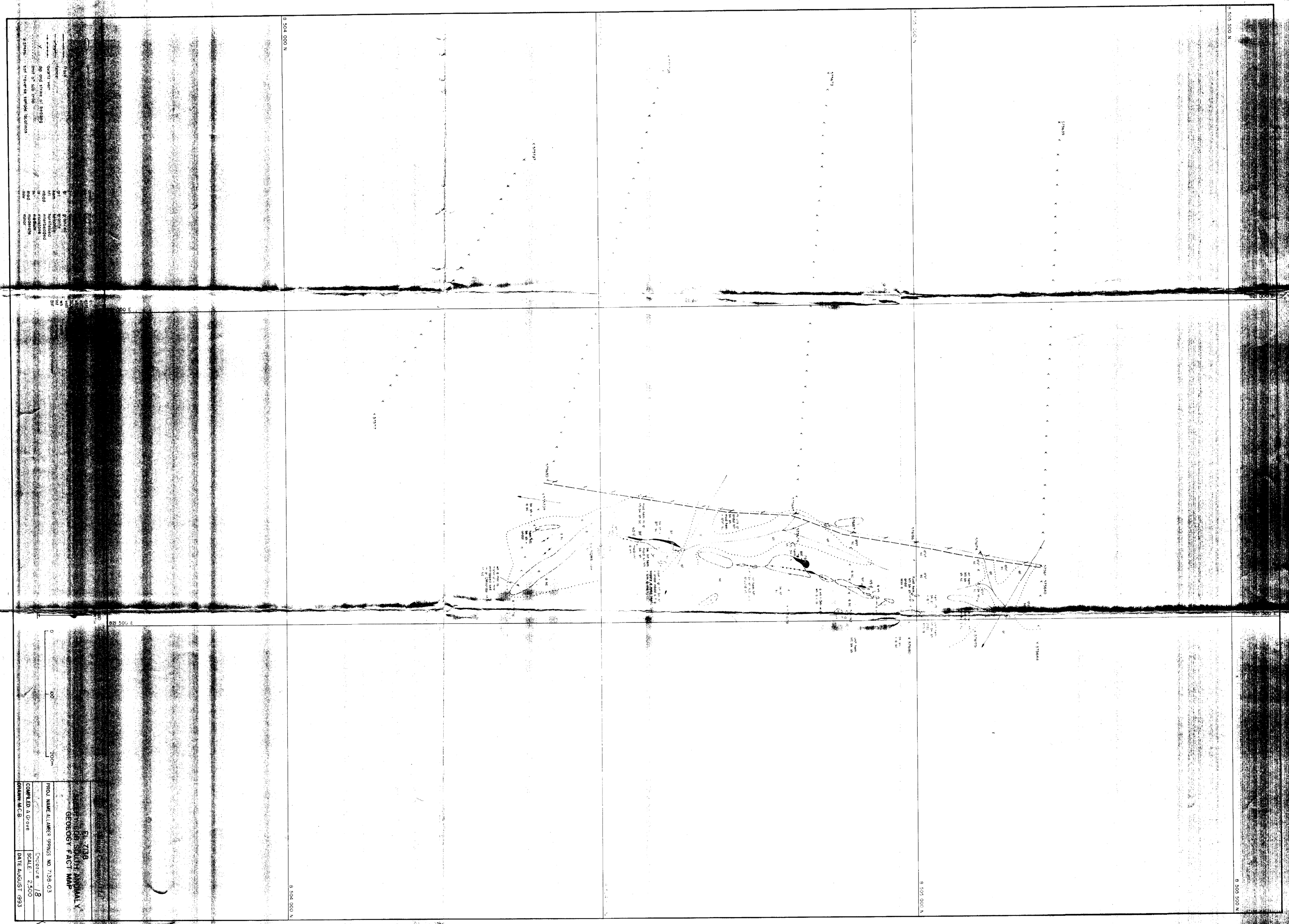
PROJ. NAME: ALLAWAH SPRINGS NO. [illegible]

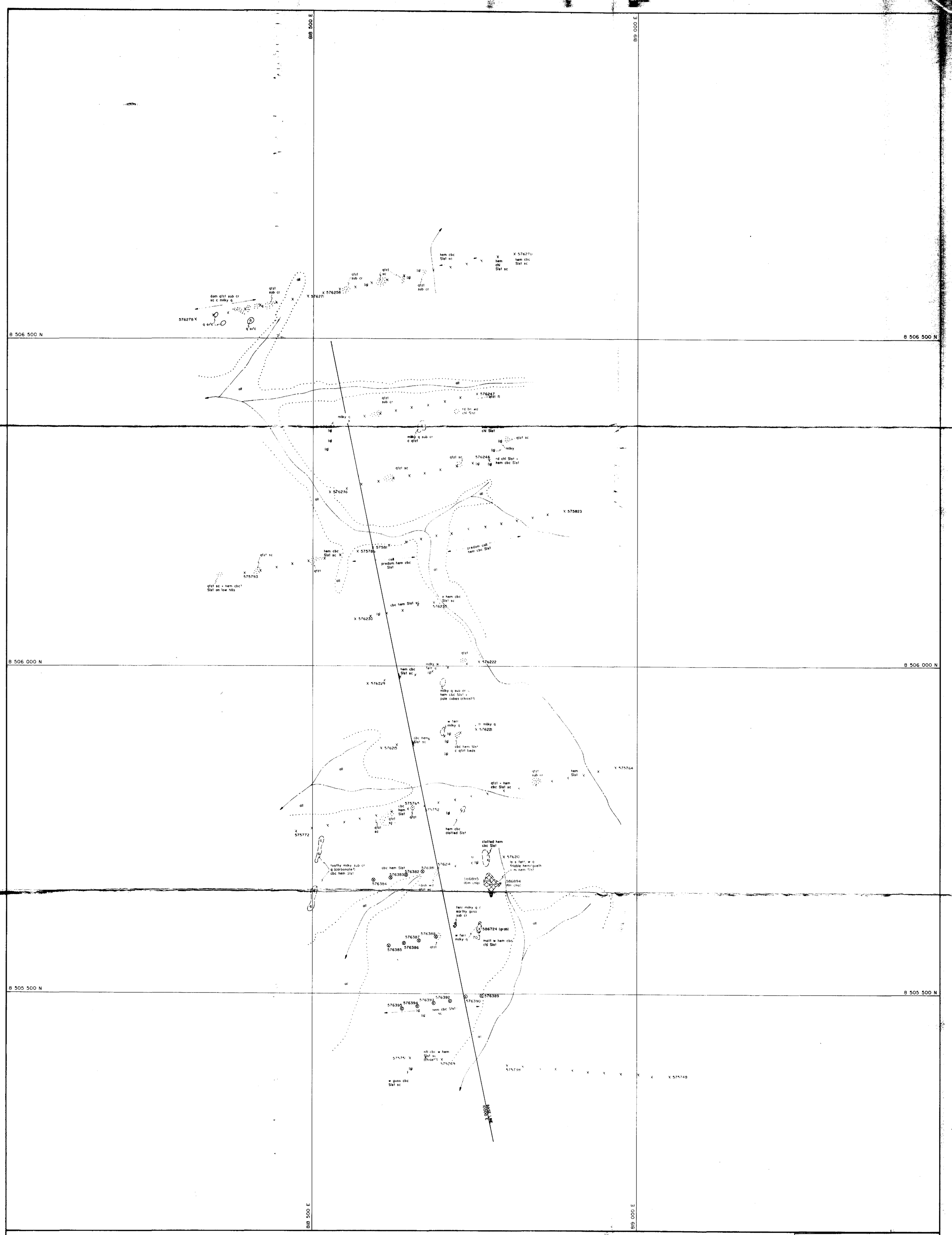
COMPILED: [illegible] SCALE: [illegible]

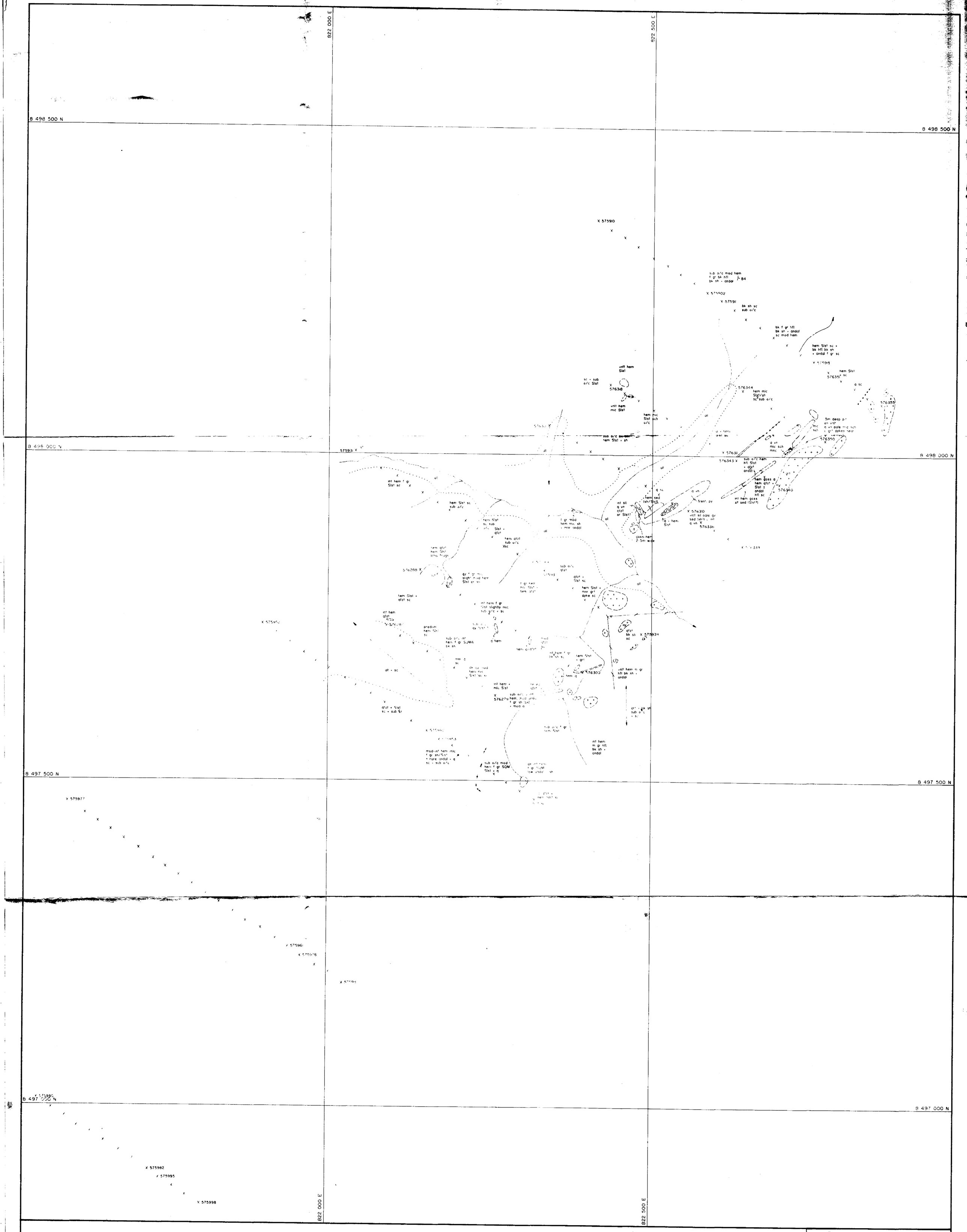
DRAWN: [illegible] DATE: [illegible]


8 509 000 N
8 508 500 N
8 508 000 N
8 507 500 N
X 575461
X 575478
X 575441
X 576042
X 576051
X 576049
X 576054
X 575462
X 575479
X 575442
X 576068
X 575493
X 576078
X 576069
X 576086
X 575483
X 575494
X 575495
X 576097
X 576095
X 576094
X 576010
X 575502
X 576037
586817
586858
586857
586856
576060
576067
576093
576094
576010
ASRC12
ASRC13
ASRC18
ASRC19
ASPC20
ASDDH3
CEC1
CEC3
WB2
BIF
QFB
TOTAL MINING
DDH
22 500 E
22 000 E
21 500 E
GRID NORTH
100
200m
water bore
rock chip sample location
dip and strike of bedding
soil traverse sample location
costean
hem hematite
hfl hornfelsed
int intense/ly
m medium
meta metamorphosed
mic micaceous
min minor
quartz
silcrete
siltstone
sedimentary quartz muscovite andalusite
sub crop
very
vein/ed
veinlet
white
banded iron formation
gneiss
sericite/ic
schist
q fel biot gns rock on contact c grt commonly bnd m-f gr pale-m gy col
DDH showing direction
RC drill hole showing direction
A.M.C. Mining Company Ltd
EL 7138
CATTIGH ANOMALY
GEOLOGY FACT MAP
PROJ. NAME: ALLAMBER SPRINGS NO. 7138-01
Enclosure
COMPILED: A. Grove
SCALE: 1:2,500
DRAWN: M.C.B.
DATE: JULY 1993


8 507 000 N
8 506 500 N
8 506 000 N
8 505 500 N
576400
576107
576102
576116
576108
575521
576122
576129
576123
576137
576130
575548
575522
576138
576145
576152
576160
576153
575549
576161
576166
576173
576167
575579
575600
575599
575580
SCC7 costean
geological boundary
outcrop
limit of scree
quartz vein
granite
dip and strike of bedding
creek
x 575751 soil traverse sample locations
ASDDH4 Diamond Drill Hole showing direction
ASRC22 RC Drill Hole showing direction
all alluvium
andal andalusite
Sb bedding
BIF banded iron formation
biot biotite
bk black
bw boxwork/ed
carb carbonate
cbc carbonaceous
cht chert
f fine
Fe iron
gr grain/ed
grt granite
hbl hornblende
hem hematite
hfl hornfelsed
mcr microcrystalline
sub silicified
ls limestone
lam laminated
mic micaceous
mnr minor
msc muscovite
nod nodular
o/c outcrop
pl purple
q quartz
qtzt quartzite
rd red
sc scree
sch schist
sed sediment
sh shale
sil siliceous
SQMA sedimentary quartz muscovite andalusite
SQMB sedimentary quartz muscovite biotite
SQBA sedimentary quartz biotite andalusite
vn vein
wh white
xens xenolith
0 100 200m
PROJ. NAME: ALLAMBER SPRINGS NO. 7138-02
Enclosure 7
COMPILED: A Grove
SCALE: 1:2,500
DRAWN: M C B
DATE: AUGUST 1993
SLEEPY COD NORTH ANOMALY
GEOLOGY FACT MAP


B 505 500 N
B 504 000 N
821 500 E
FLOW
QUARTZ VEIN
DIP AND STRIKE OF BEDDING
SHIP OF SOIL PIPE
SYSTEM, SYS FRACTURE SUBSET LOCATIONS
gr. grey
gr/bn grey/brown
bl. black
wh. white
hor horizontal
int intermediated
mod moderate
sev severe
mod moderate
mnr minor
EL. 738
GEOLOGY FACT MAP
PROJ. NAME ALLAMEE SPRINGS NO. 738-03
Enclosure 18
SCALE: 2,500
COMPILED A. Grove
DRAWN M.C.B.
DATE AUGUST 1993


818 500 E
819 000 E
8 506 500 N
8 506 000 N
8 505 500 N
BASE LINE 10000 E
GRID NORTH
0
100
200m
outcrop
limit of sub crop
quartzite
quartz veining and ironstone outcrop
(q) quartz scree
(g) gossan scree
creek
rock chip sample location
soil traverse sample locations
all alluvium
bn brown
c with
cbc carbonaceous
chl chlorite
coll colluvium
dom dominant
fl float
hem hematite
Is ironstone
m medium
mott mottled
o/c outcrop
q quartz
qtzt quartzite
rd red
s strong/ly
sc scree
Slst siltstone
sub cr sub crop
tr trace
w weak/ly
wd weathered
Aztec Mining Company Ltd
EL 7935
RAINBOW FISH ANOMALY
GEOLOGY FACT MAP
PROJ. NAME: ALLAMBER SPRINGS NO. 7935-01
Enclosure 19
COMPILED: I K Butler
SCALE: 1 2,500
DRAWN: M C B
DATE: JULY 1993



outcrop	all	alluvium	m	medium	v	very
limit of scree	andal	andalusite	mic	micaceous	vnlt	veinlet
quartz vein	bk	black	mnr	minor	xal	crystals
granite	bn	brown	mod	moderate/ly		
shear zone	dk	dark	msc	muscovite		
creek	f	fine	o/c	outcrop		
fence	goss	gossan/ous	py	pyrite		
dip and strike of bedding	gr	grain/ed	q	quartz		
soil traverse sample locations	grt	granite	sc	scree		
	gy	grey	sch	schist		
	hem	hematite	sh	shale		
	hfl	hornfelsed	sil	siliceous		
	int	intense/ly	Slst	siltstone		
	lat	laterite	SQMA	sedimentary quartz muscovite andalusite		

GRID NORTH

0 100 200m

Aztec Mining Company Ltd

EL 7138
OX-EYED HERRING ANOMALY
GEOLOGY FACT MAP

PROJ. NAME: ALLAMBEE SPRINGS NO. 7138-04

Enclosure 2D

COMPILED: A Grove | SCALE: 1 2,500

DRAWN: M C B | DATE AUGUST 1993

Woodcutters Mine

	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLANDER SPRINGS PROJECT

Cu/Pb/Zn GEOCHEMISTRY

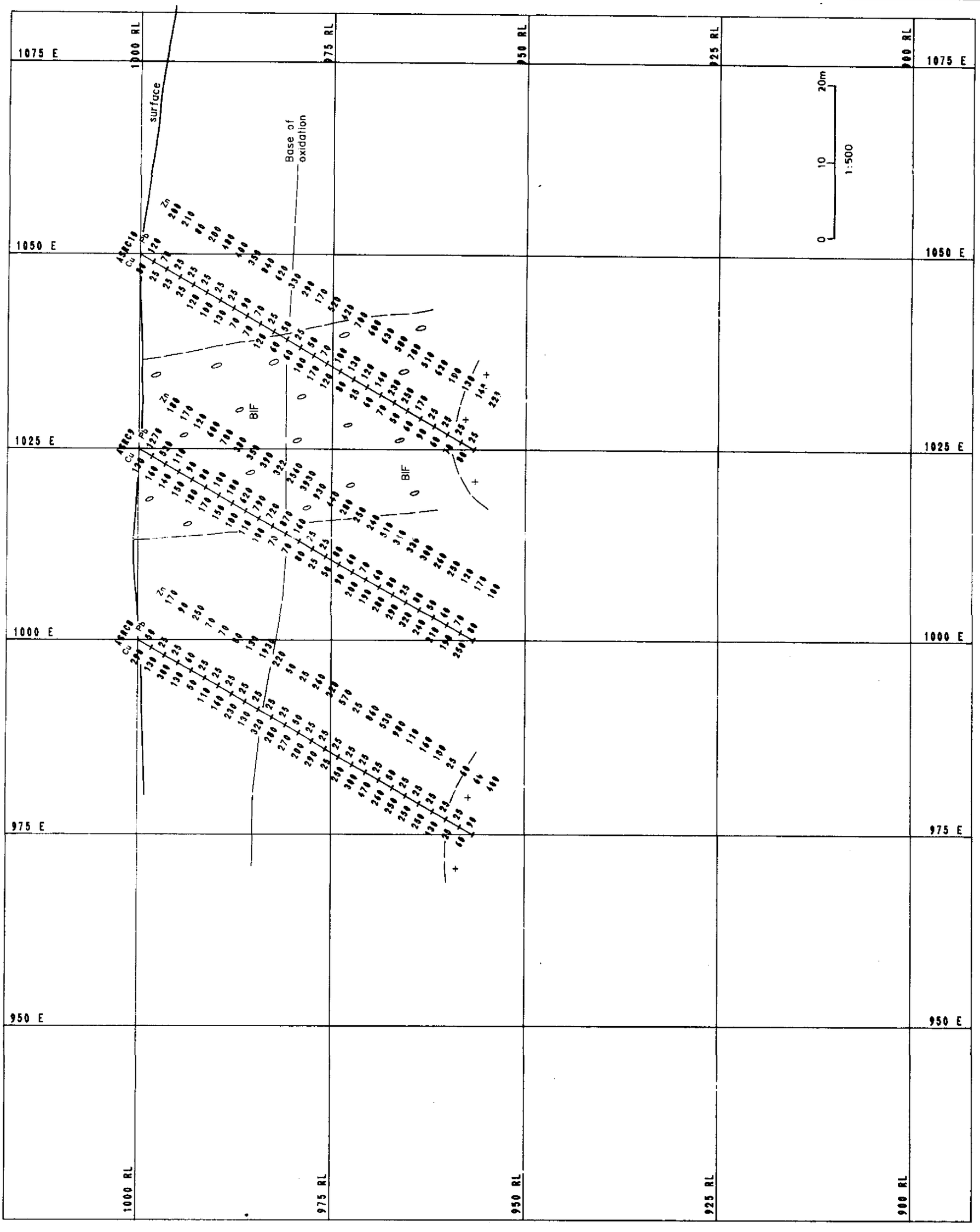
SECTION 19OON
BIG BARRA ANOMALY

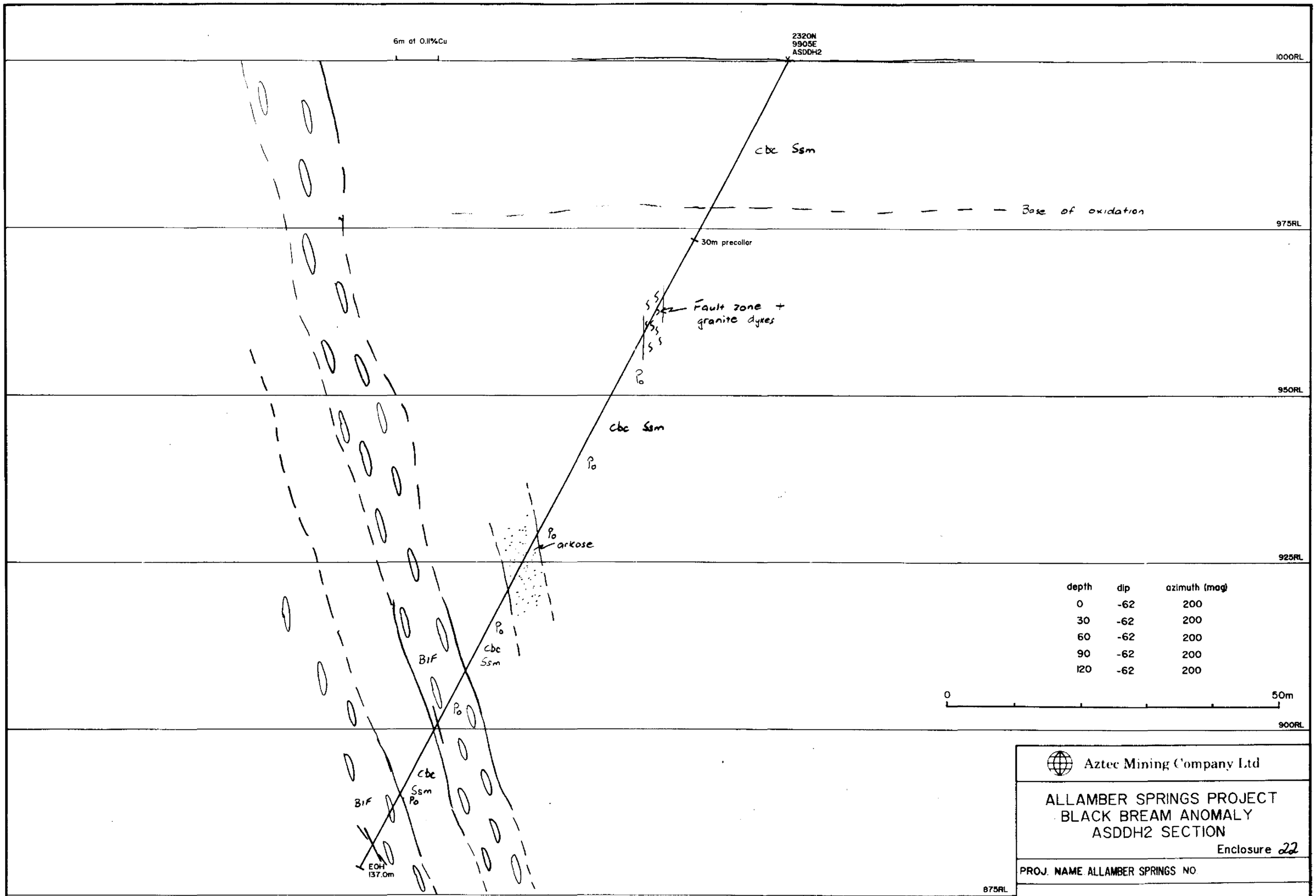
File #

Scale 1 : 500

Date 20 Oct 1993

Enclosure 21





SECTION AT 200° MAG

Woodcutters Mine

	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT

Cu/Pb/Zn GEOCHEMISTRY

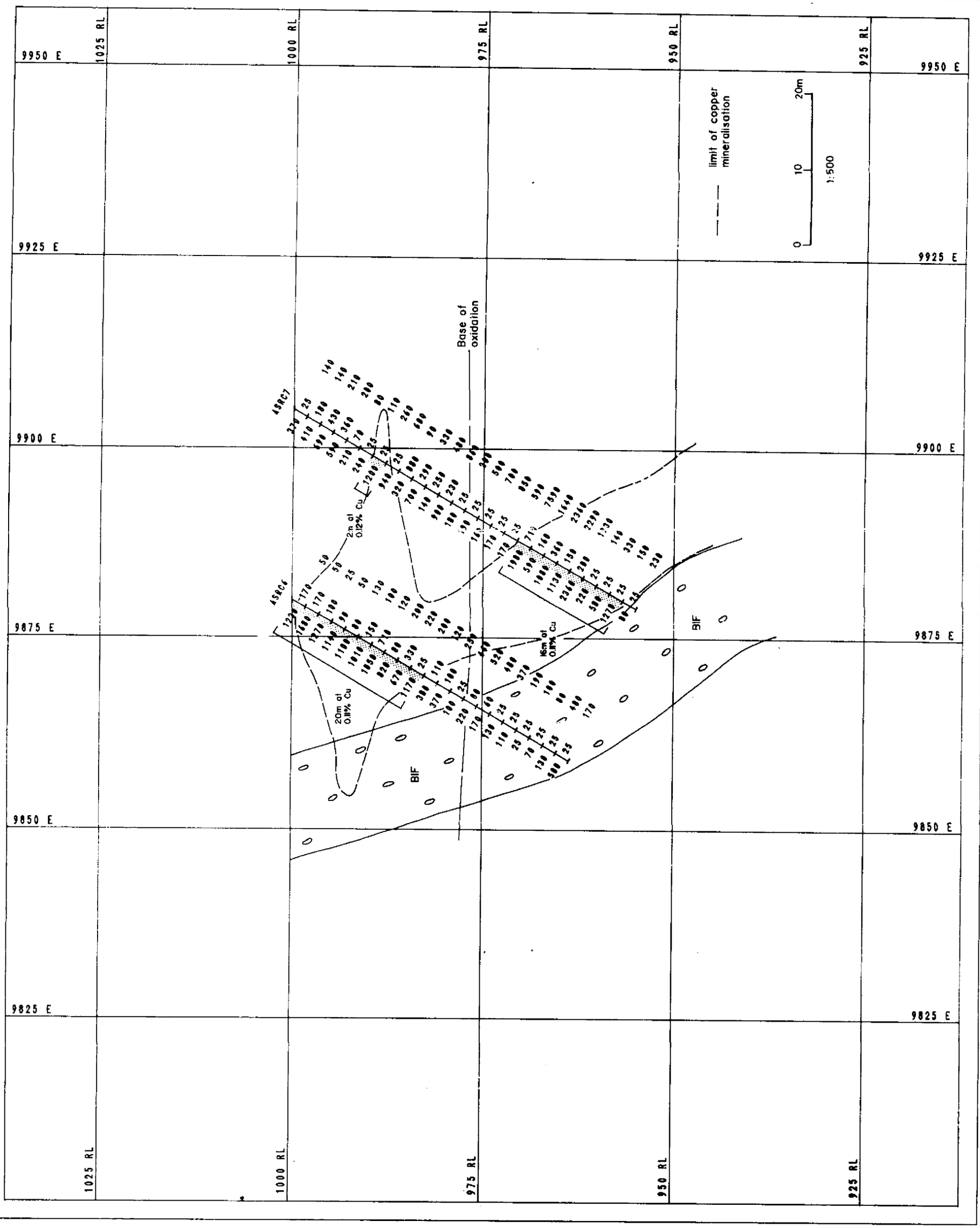
SECTION 2200N
BLACK BREAM ANOMALY

File :-

Scale :1 : 500

Date :28 Oct 1993

Enclosure 23



	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT

Cu/Pb/Zn GEOCHEMISTRY

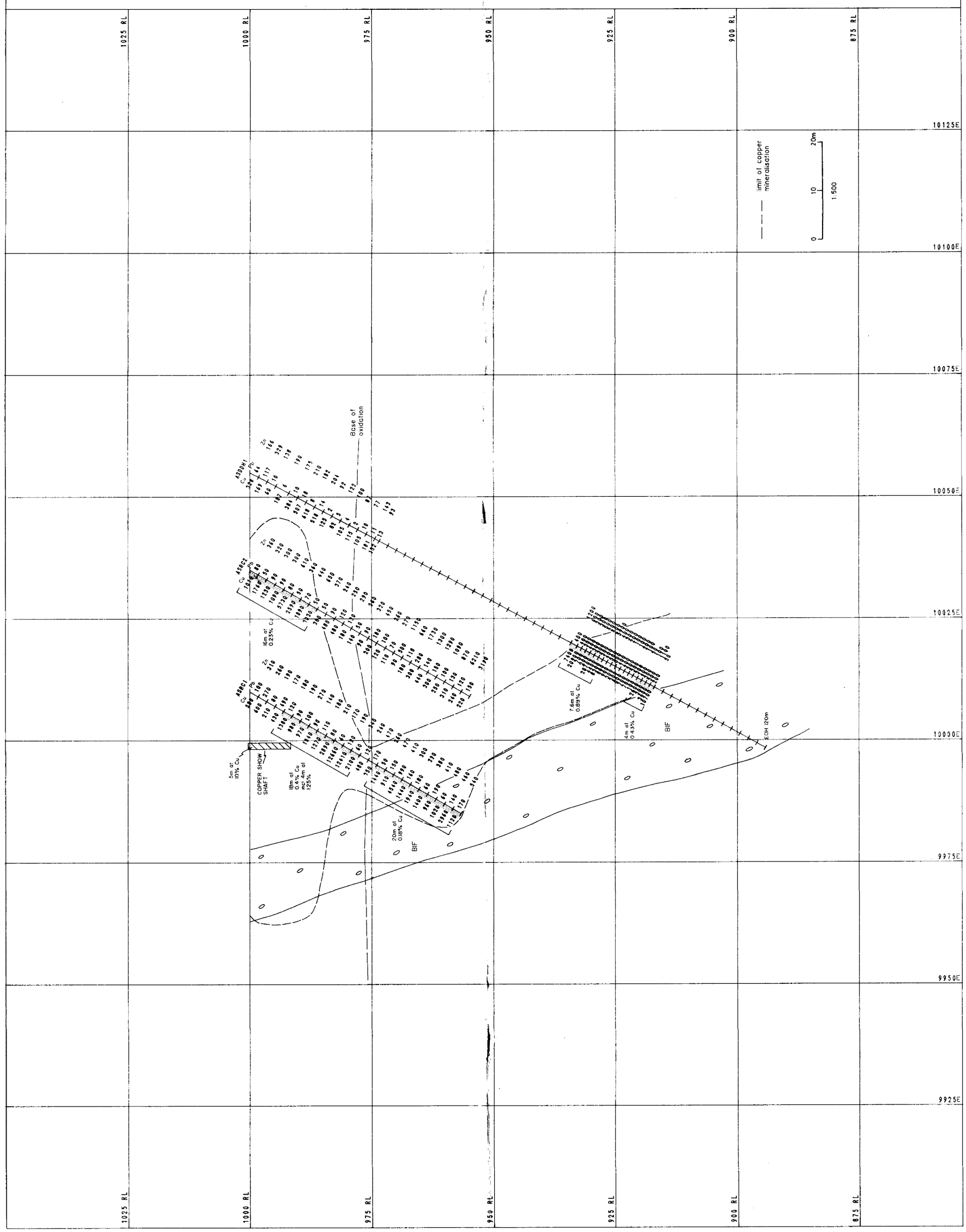
SECTION 2000N
BLACK BREAM ANOMALY

File 6

Scale 1 : 500

Date 20 Oct 19

Enclosure 24



Woodcutters Mine

	Initials	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT

Cu/Pb/Zn GEOCHEMISTRY

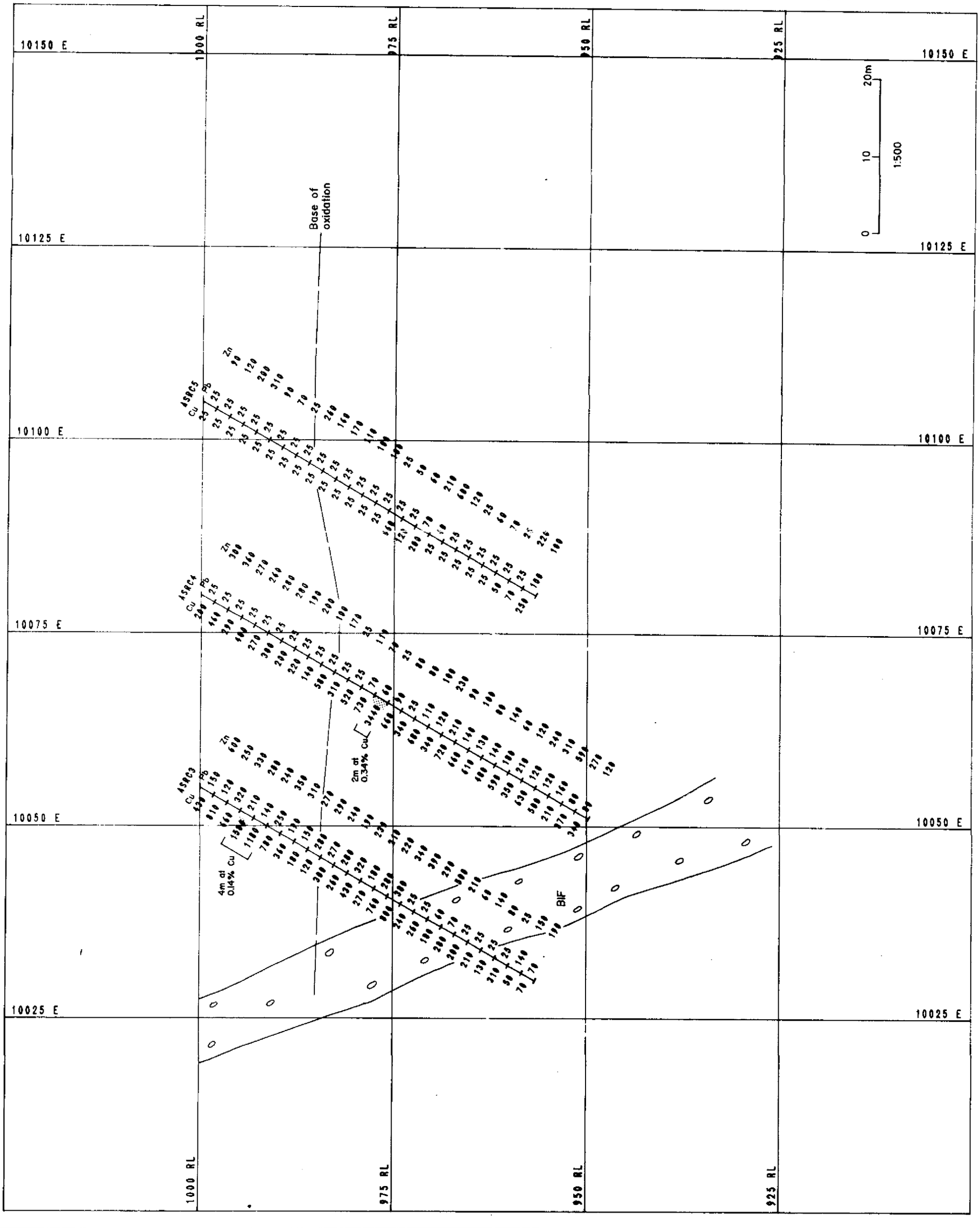
SECTION 18000N
BLACK BREAM ANOMALY

File #

Scale 1 : 500

Date 26 Oct 1993

Enclosure 25



Woodcutters Mine

	Initials	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT

Cu/Pb/Zn GEOCHEMISTRY

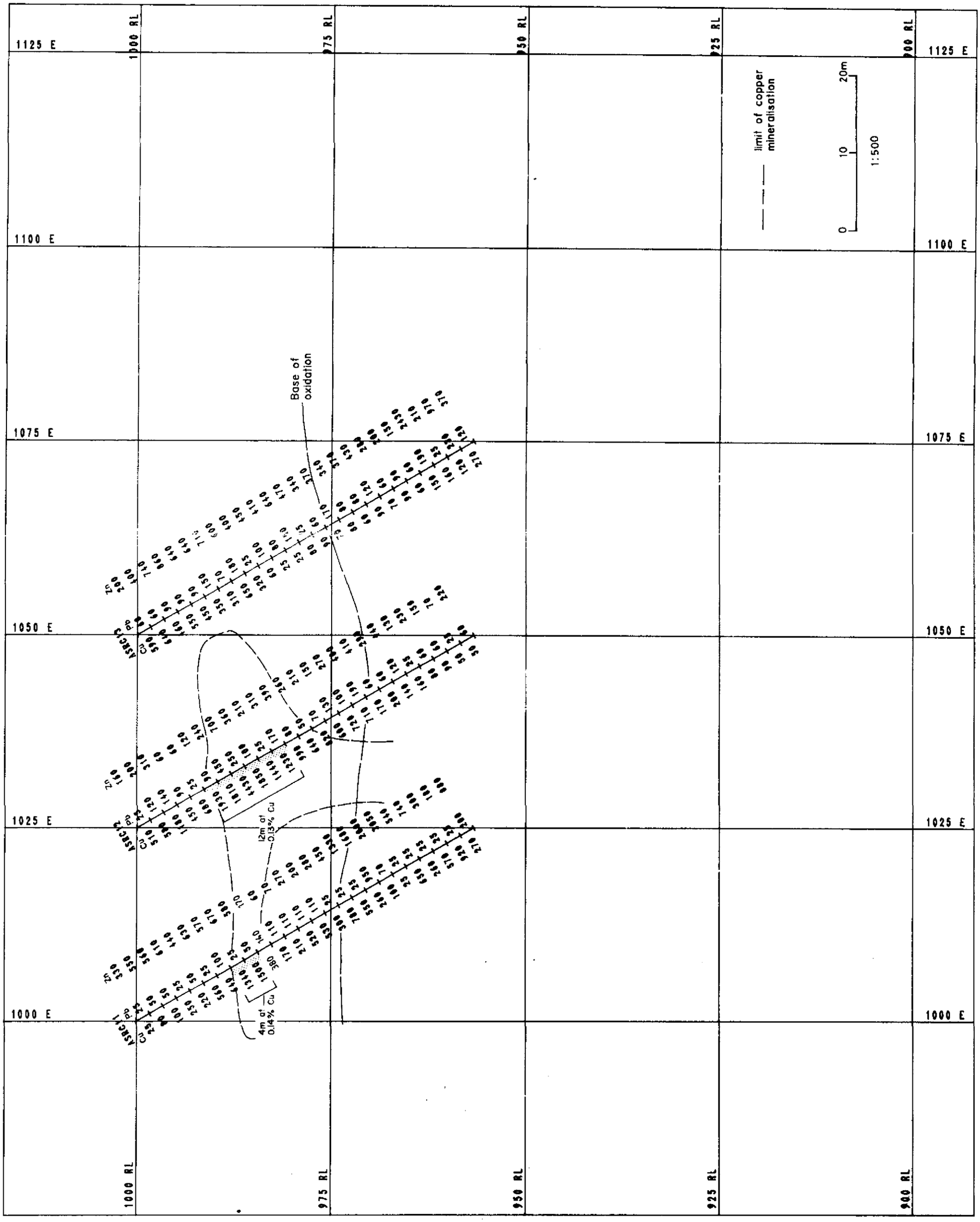
SECTION 8400N
CATFISH ANOMALY

File :1

Scale :1 : 500

Date 20 Oct 1998

Enclosure 26



	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT

Cu/Pb/Zn GEOCHEMISTRY

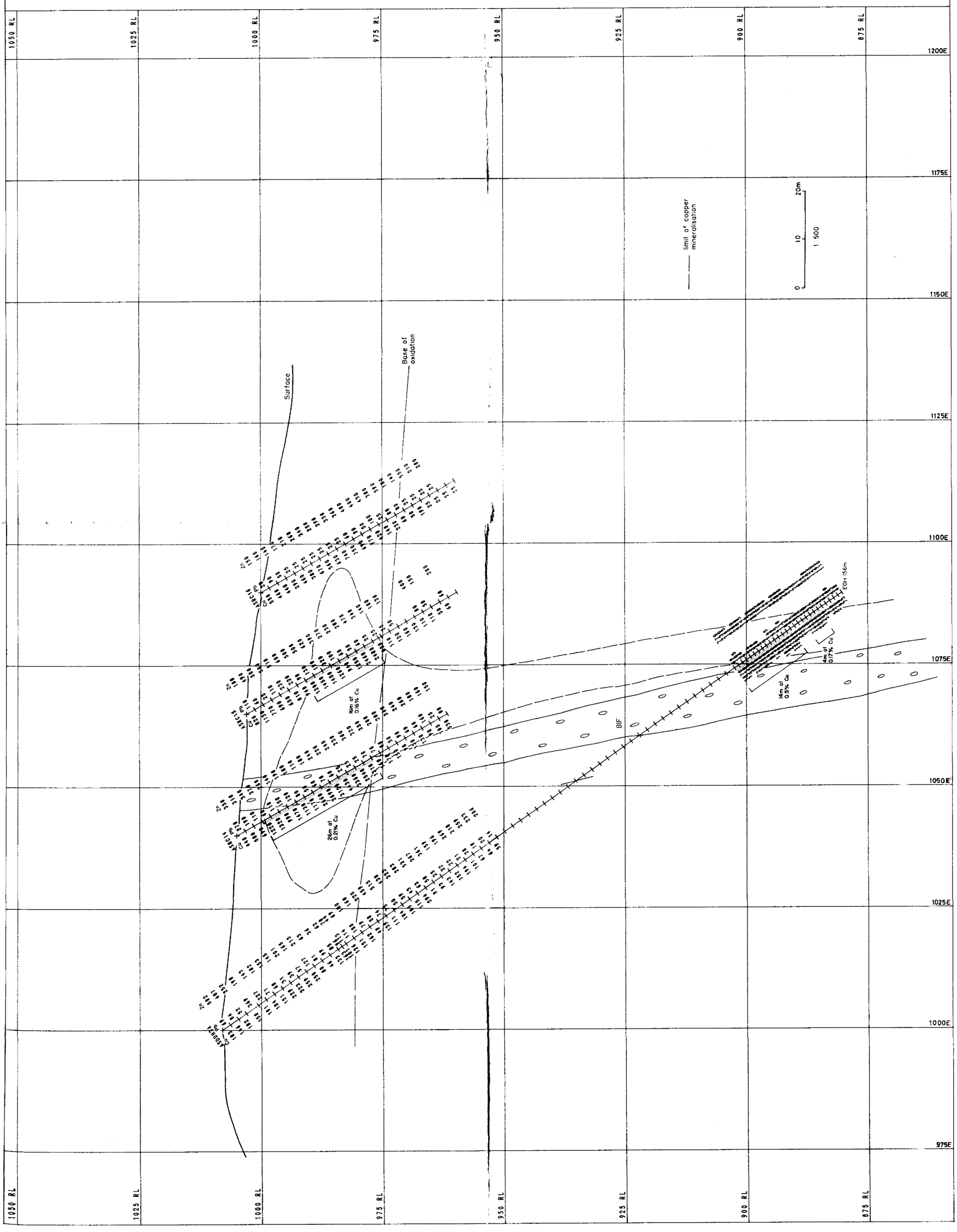
SECTION 8200N
CATFISH ANOMALY

File 8

Scale 1 : 500

Date OCTOBER 1993

Enclosure 27



	Init	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT

Cu/Pb/Zn GEOCHEMISTRY

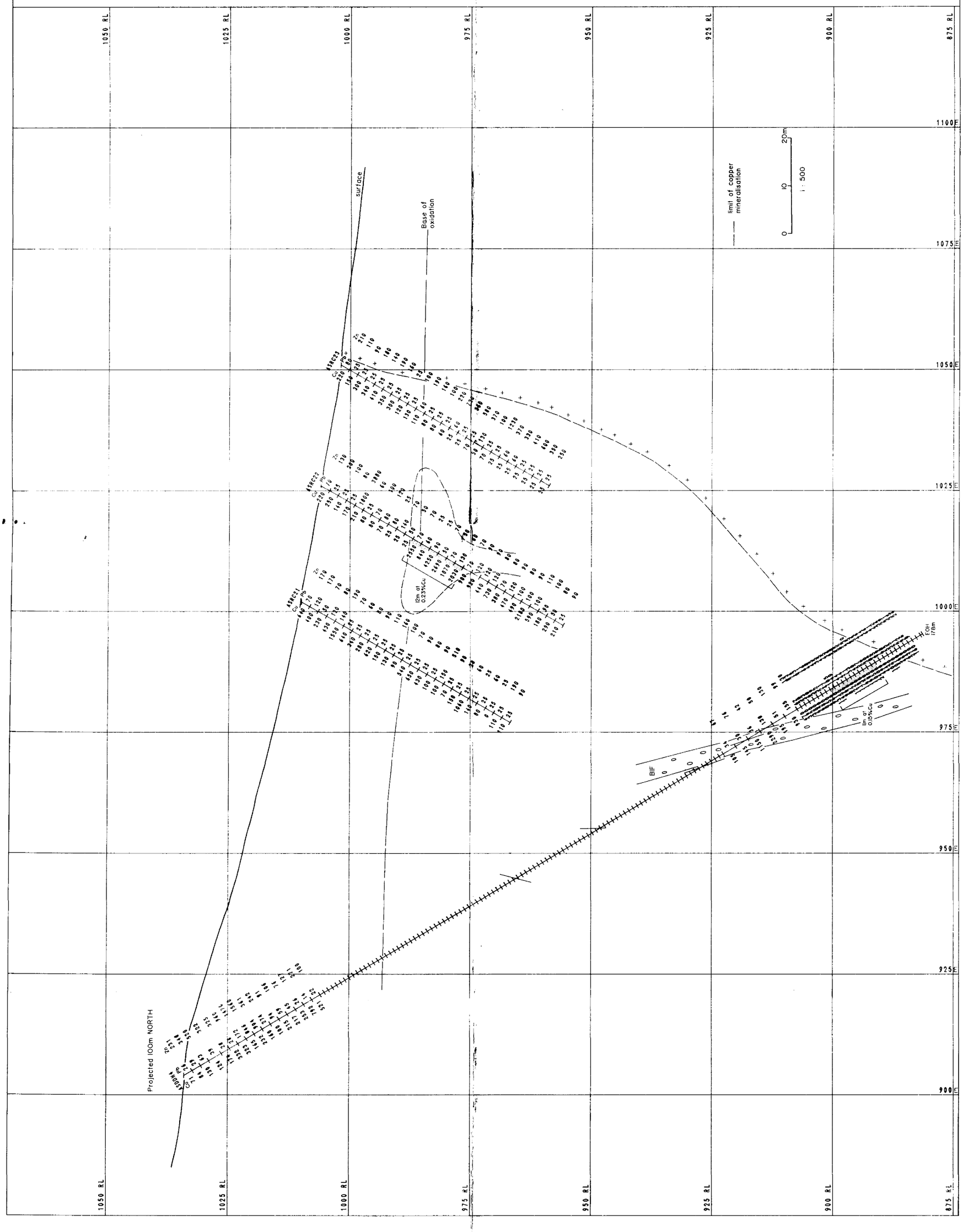
SECTION 9300N
SLEEPY COD ANOMALY

File I

Scale 1 : 500

Date NOV. 1993

Enclosure 29



Woodcutters Mine

	Initials	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT

Cu/Pb/Zn GEOCHEMISTRY

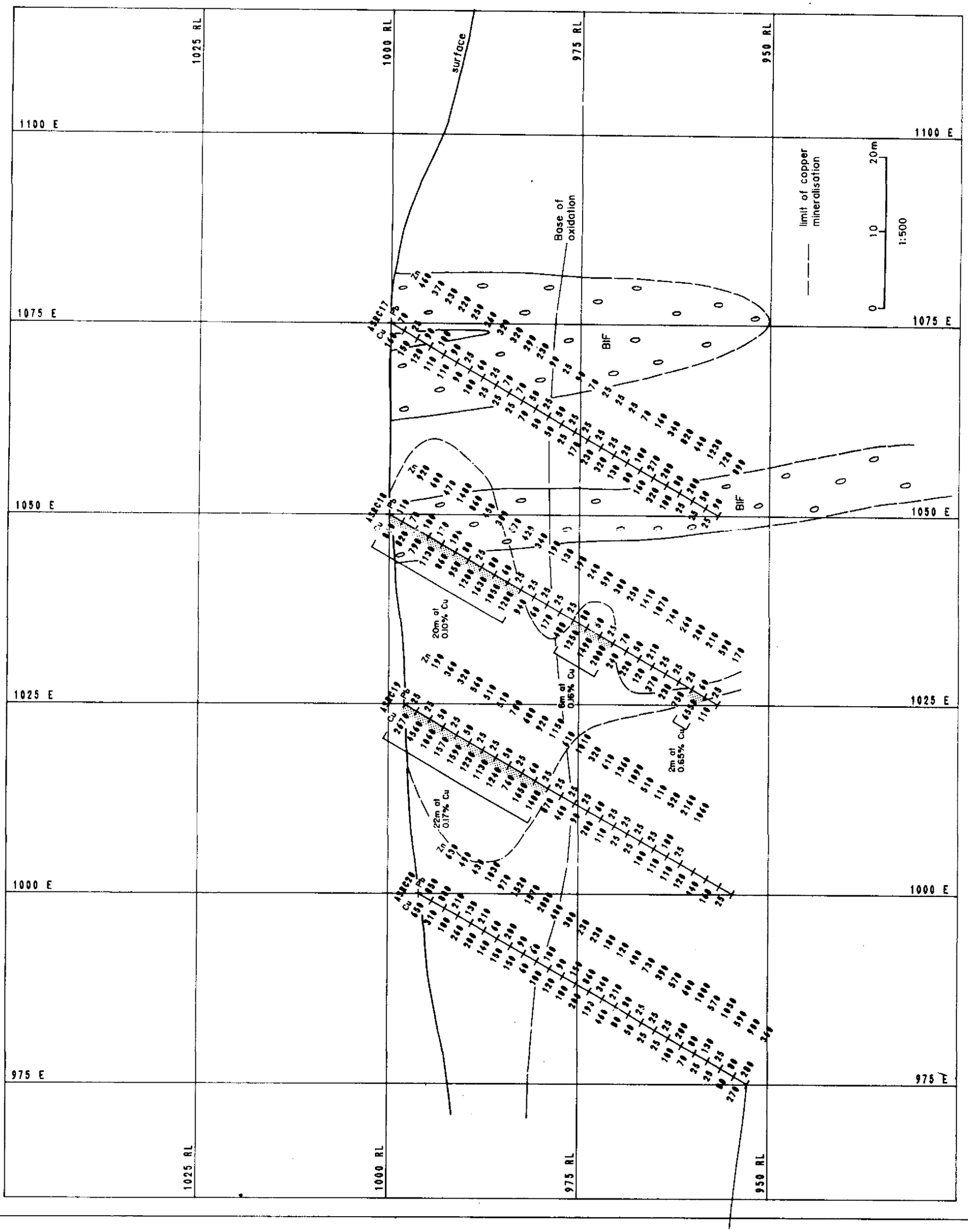
CATFISH SOUTH ANOMALY

File #

Scale 1:1 : 500

Date 22 Jul 1998

Enclosure 28



Woodcutters Mine

	Initial	Date
Surveyor		
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT

Cu/Pb/Zn GEOCHEMISTRY

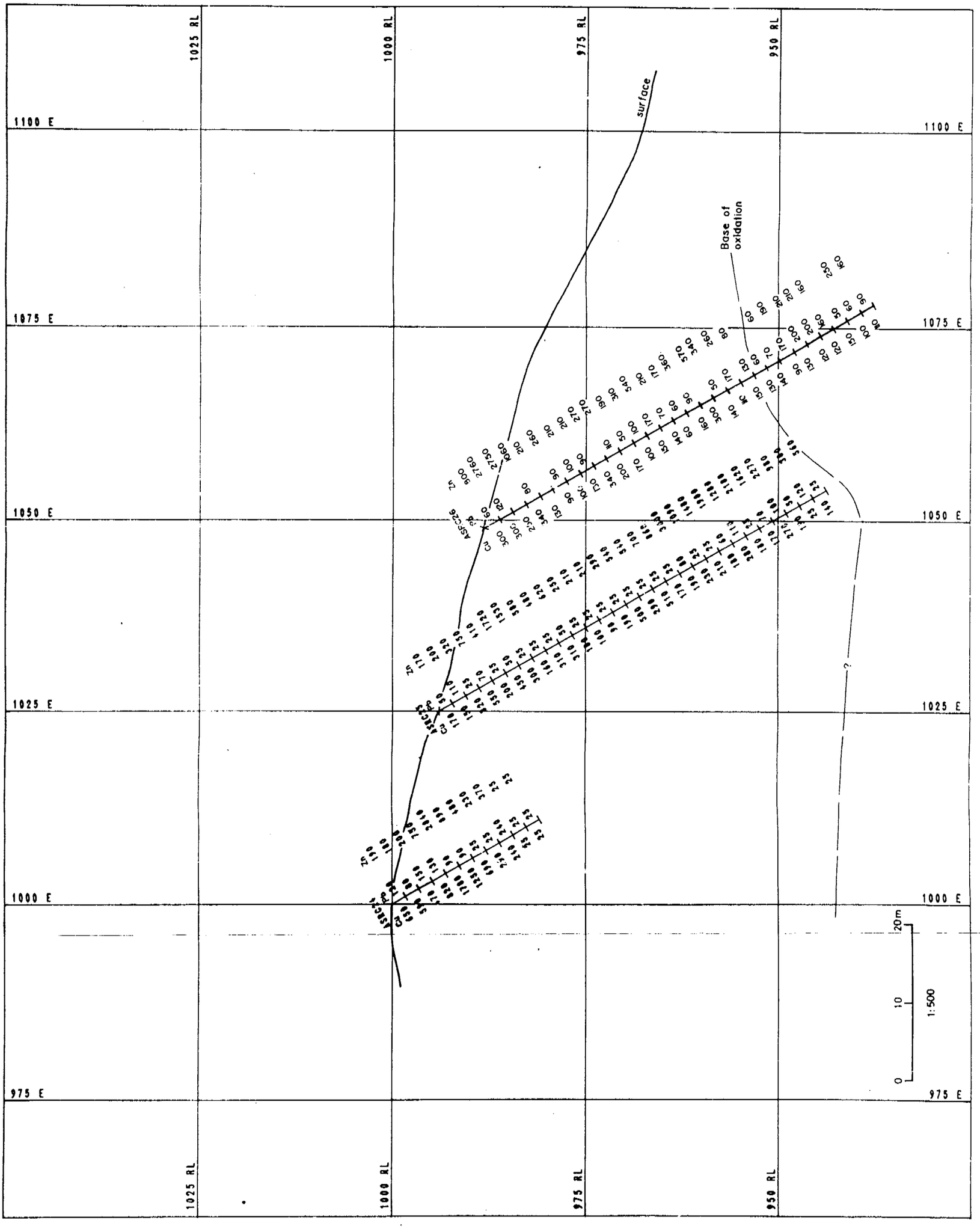
ARCHER FISH ANOMALY

File 12

Scale 1:1 : 500

Date 22 Jul 1998

Enclosure 30

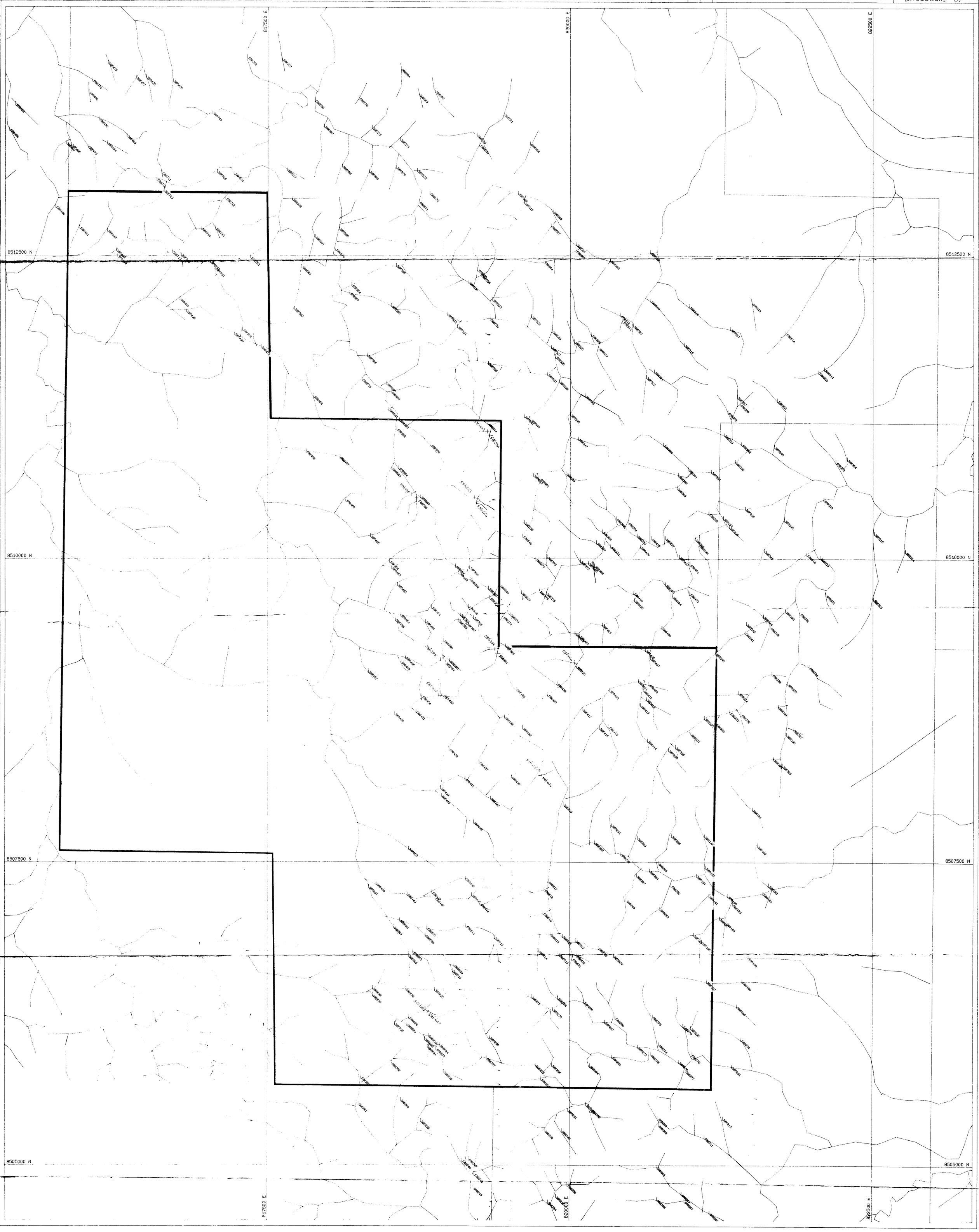


Gadient

Woodcutters Mine

	Init	Date
Surveyor	IB	
Drawn		
Checked		
Approved		

ALLAMBER SPRINGS PROJECT
ALLAMBER SPRINGS EL7935
STREAM SEDIMENT SAMPLE LOCATIONS

File : 7935
Scale : 1 : 10000
Date : 24 Dec 1993

ENCLOSURE 31