EXPLORATION LICENCE 6969
SANDY CREEK

ANNUAL REPORT
FOR THE PERIOD ENDING 16 SEPTEMBER 1994

Tenement: EL6969

Owner: BHP-Triako

Prepared by: S. Vincent and D.C. Gellatly .....

Authorised by: D.C. Gellatly .....

Date: 23 September 1994

Report Number: WA 94.030

Project Number: 799

Distribution:

NT DME	(1)
Wilga Mines N.L.	(1)
BHP Minerals Pty Ltd	(1)
Triako Resources Ltd	(1)
Spare	(1)

DCG2207:nv

SUMMARY

Wilga Mines N.L. is carrying out exploration for Zn-Pb-Ag mineralisation in EL6969 in Joint Venture with BHP Minerals and Triako Minerals.

Wilga has completed a major literature review and compilation of a drillhole database for the area; a systematic soil sampling programme utilising both conventional geochemical analysis and GVP analysis; and four drillholes (aircore/RC/diamond) for 390 metres.

Anomalous values have been returned from both conventional geochemistry and GVP Analysis of soils, and disseminated galena mineralisation has been encountered in drilling. No economic grades of mineralisation have been encountered. Further work is proposed.

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1 INTRODUCTION

Wilga Mines N.L., a wholly owned subsidiary of Delta Gold N.L. entered into a Joint Venture agreement with BHP Minerals Pty Ltd and Triako Resources Ltd over the Sandy Creek prospect (Sandy Creek Joint Venture), the commencement date being 8/6/1994. All parties hold base metal interests in other parts of the Bonaparte Gulf Basin, BHP-Triako on the Western Australian side at Sorby Hills and Cockatoo Pool and Wilga Mines on both the western and eastern (Northern Territory) basin margins.

Wilga Mines as operator of the Sandy Creek Joint Venture conducted exploration activities within the tenement including a regional soil sampling programme that extended north to Flapper Hill and south to Rocky Knob beyond the bounds of the Joint Venture area, (Figure 1). Conventional geochemistry and Gas Vapour Phase techniques were used to assess the areas prospectivity. Follow-up reverse circulation and limited diamond drilling was carried out at Sandy Creek commencing 13/9/94.

2 TENEMENT

The Sandy Creek Joint Venture area is specific to EL6969 (thirteen graticular blocks) which is due for expiry on 16/9/95.

BHP and Triako currently hold 60% and 40% of the tenement respectively. Wilga has the right to earn 50% by contributing $500,000 towards expenditure and can earn up to 75%.

3 LITERATURE SEARCH

As a preliminary to literature search and data compilation Wilga has compiled a bibliographic listing of all known reports on zinc-lead mineralisation in the NT part of the Bonaparte Gulf Basin. This list is given as Appendix 1.

From the available reports a drillhole database which is given as Appendix 2 is computerised on Excel software and is available in disk form as well as the hard copy included in this report. This drillhole data is still being compiled as records become available and may not be complete. The recent drillholes reported here have not been included as no assays are yet available.

4 PREVIOUS WORK

The area was first mapped geologically by BMR in 1964 (Veevers and Roberts, 1968) and the first mineralisation at Sandy Creek was found by Aquitaine in 1972.

The area was explored by Aquitaine until 1981, and then in turn, under successive joint ventures, by St Joe (Bonaparte) Pty Ltd, and BHP Ltd (until 1993).

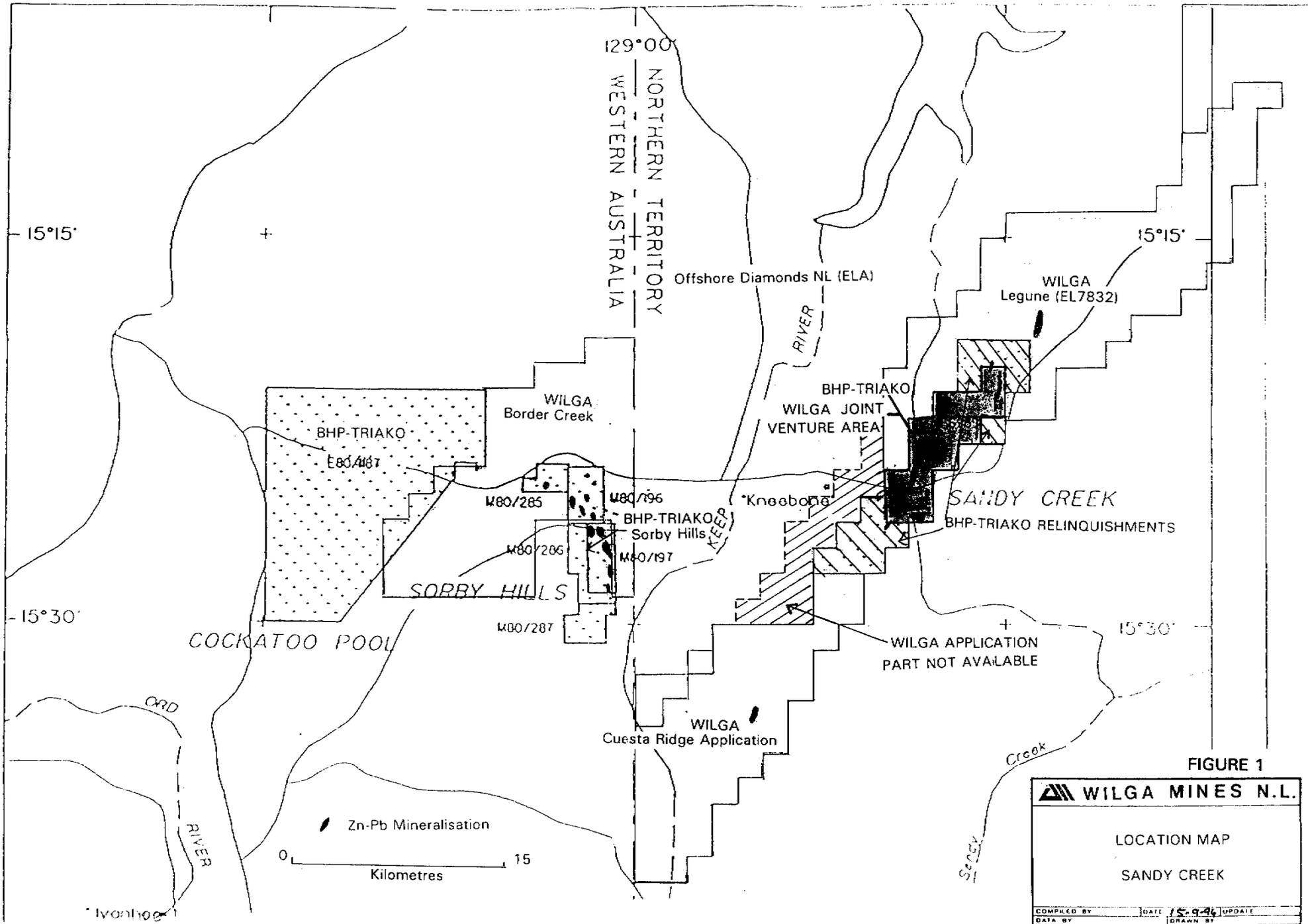


FIGURE 1

WILGA MINES N.L.

LOCATION MAP

SANDY CREEK

COMPILED BY	DATE 15-9-96	UPDATE	
DATA BY		DRAWN BY	
INT. MAP No.		PLAN No.	

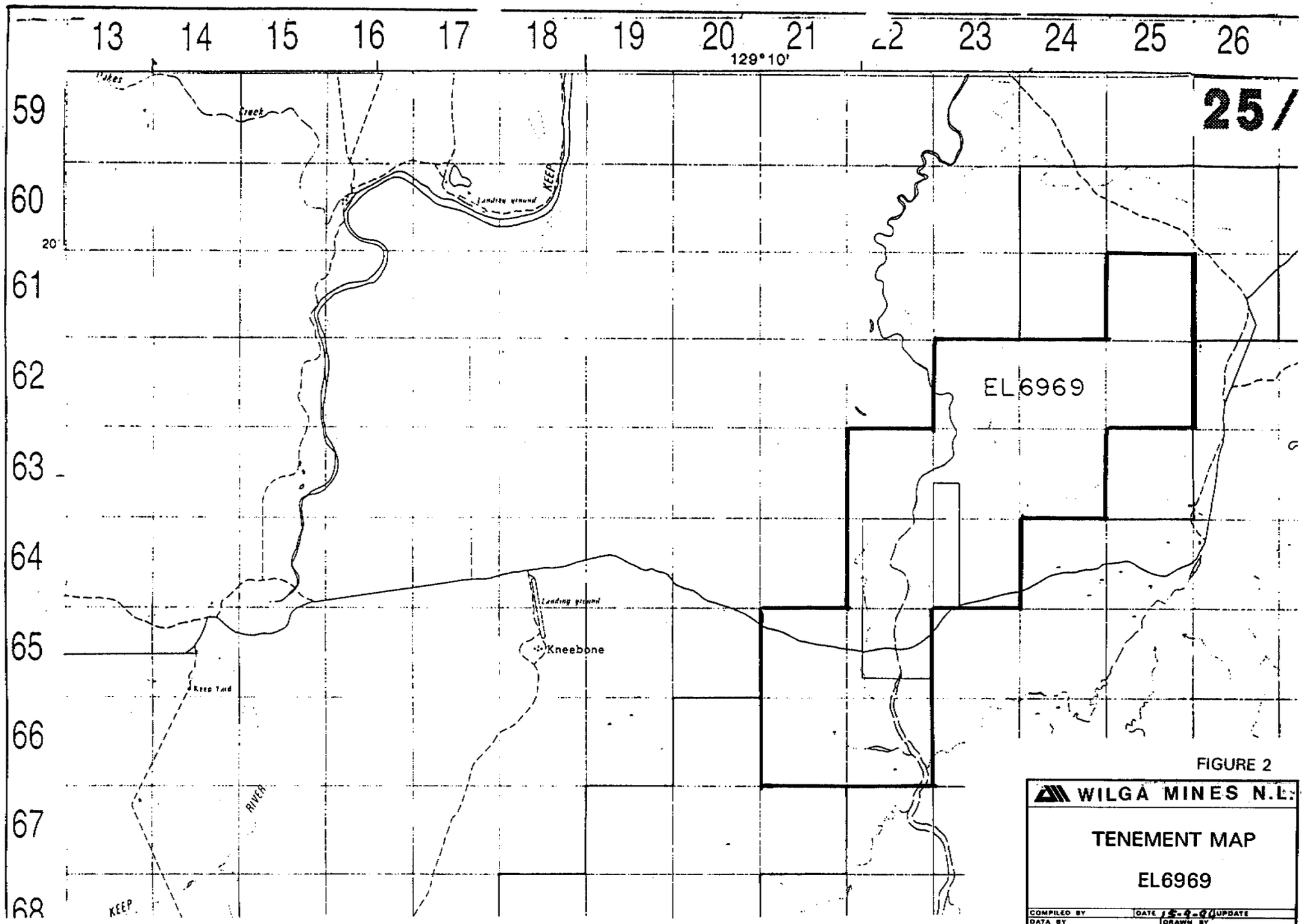


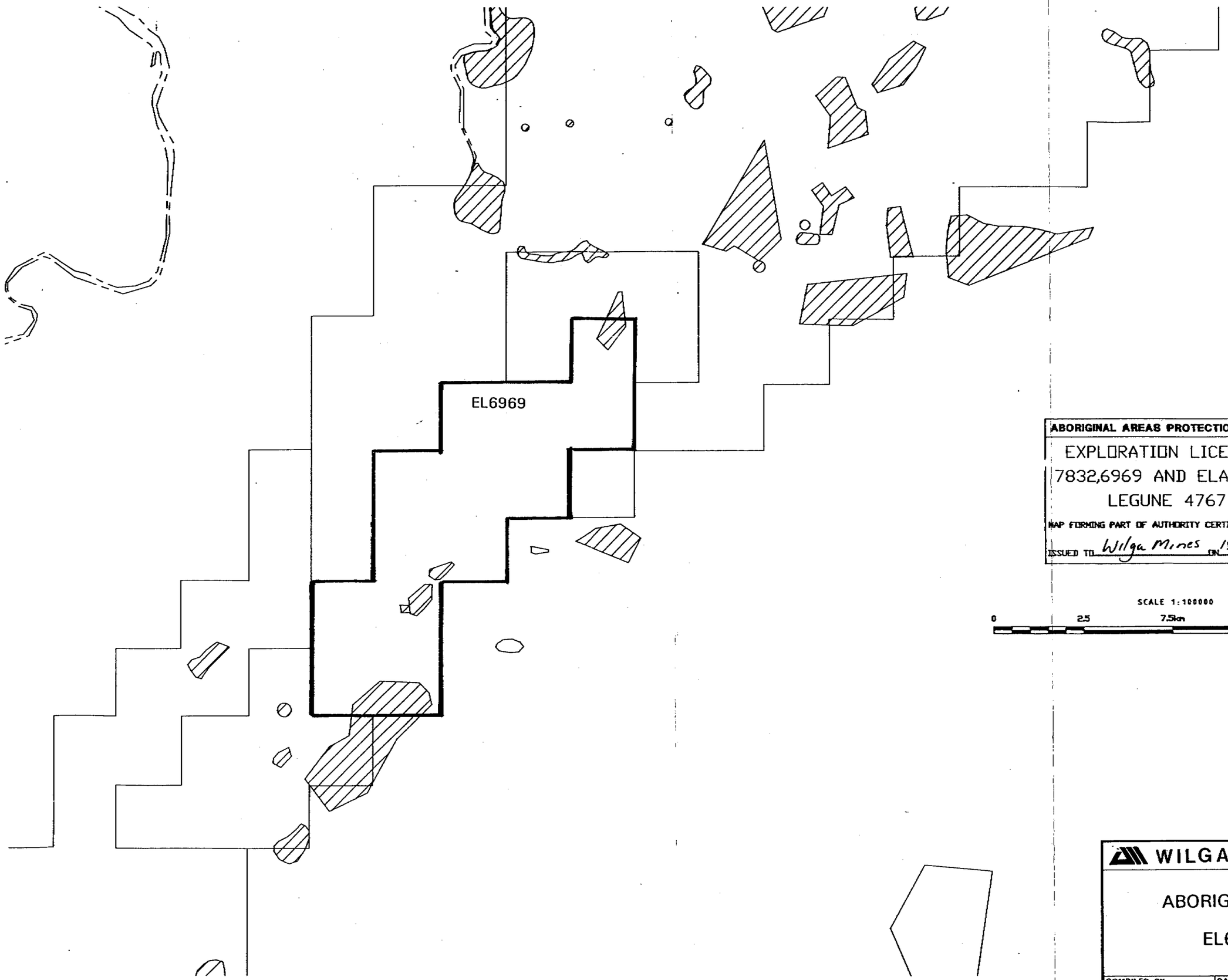
FIGURE 2

WILGA MINES N.L.

TENEMENT MAP

EL6969

COMPILED BY		DATE 15-9-97	UPDATE
DATA BY		DRAWN BY	
INT. MAP No.		PLAN No.	



ABORIGINAL AREAS PROTECTION AUTHORITY

EXPLORATION LICENSES
7832,6969 AND ELA 8352
LEGUNE 4767 C94/113

MAP FORMING PART OF AUTHORITY CERTIFICATE NO.

ISSUED TO Wilga Mines ON 15, 7, 94

SCALE 1:100000

0 2.5 7.5km 5 2.5

FIGURE 3

WILGA MINES N.L.

ABORIGINAL SITES

EL6969

COMPILED BY	DATE	UPDATE
DATA BY		DRAWN BY
INT. MAP No.		PLAN No.

A substantial amount of data was generated during this period, but most of the original hard copies of reports have now been lost. Most (but not all) reports however are available on microfiche in the NTDME Library.

Previous work on the area included seismic, I.P., gravity, and airborne magnetic surveys, and open-hole percussion, RC and diamond drilling, palynological determinations on drill core, and limited downhole gamma ray logging.

However no systematic geochemical surveys and no detailed gossan search were carried out, with the result that the location of mineralised areas was only partly known, and in many cases drillholes were poorly targeted.

In addition many drillholes were stopped short of minimum target depth (eg in Milligans Formation) and were thus ineffective.

During the period from 1972-1993 successive drill programmes have delineated a sub-economic resource of 3.2M tonnes @ 2.4% Zn, 4.5%Pb and 15g/t Ag, but this may not have been completely closed off.

5 ABORIGINAL SITE SURVEY

In order to ascertain areas of permissible access, a site survey was requested from the Aboriginal Areas Protection Authority in Darwin. This survey was completed in late June 1994 and indicated that all of the hills and some creeks and waterholes within and adjacent to EL 6969 are significant to the Traditional Owners and are excluded from the area which is available for specified exploration activities including soil sampling and drilling. A map of these areas is included as Figure 2.

6 SURVEYING

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

Details of the baseline are given in Appendix 6.

7 GEOLOGY AND MINERALISATION

The Sandy Creek EL (6969) is situated on the eastern margin of the Bonaparte Gulf Basin where prospective Devonian and Carboniferous sediments unconformably overlie Middle or Upper Proterozoic basement rocks. Three main Palaeozoic units are recognised in outcrop and/or drilling: Cockatoo Formation, Burt Range Formation and Milligans Formation, (Figure 2, Table 1).

Arenaceous dolomites of the Upper Burt Range Formation at or near their contact with the overlying Milligans Formation shales and siltstones appear to be the most favoured lithological setting with regard to mineralisation, especially in areas adjacent to growth faults associated with basin margin tectonism.

Some outcrops in the Sandy Creek - Winchrope Hill areas (e.g. Winchrope Hill itself) are composed of variably silicified sandstones overlying arenaceous dolomite and were mapped by Veevers and Roberts (1968) as Burt Range Formation. Considerable confusion arose when some later workers referred to the subfacies as Enga Sandstone (Cle). This implied that the arenites were basal Milligans Formation equivalents and therefore represented part of an upwardly fining succession. By virtue of placing the subfacies at the top of the Burt Range Formation, the Veevers and Roberts interpretation includes the sandstone as a final phase of a progressively more arenaceous regressive cycle.

Drillhole evidence supports the currently accepted literature view namely that the upper Burt Range Formation arenaceous dolomites (and the sandstone subfacies) are oxidised, confirming (?possibly local) emergence prior to the onset of the Milligans Formation transgression. Regardless of which interpretation ultimately proves correct, the silicified arenaceous subfacies is immediate to the Milligans/Burt Range Formation contact.

8 SOIL SAMPLING

The soil geochemistry programme was designed with two main objectives:

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

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

An additional benefit from the soil sampling programme has been the delineation of previously unknown gossanous outcrops.

During the report period soil systematic sampling of EL6969 was completed as part of Wilga's regional evaluation of the eastern (NT) Bonaparte Gulf Basin tenements. Gridding of 73 line-kilometres spread over 28 lines at 400 metre line spacing. East-west lines were established using compass and hip chain, and in the northern part of the area were tied into a newly-surveyed baseline. Further south these were tied into a surveyed baseline established previously by BHP.

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

On both Plate 1 and Appendix 3 composite samples are represented by the first number of the sample series - this composite 54801 includes 54801, 2, 3, 4 and 5. On Plate 1 in areas where individual primary samples have been analysed, the values for the composites have been omitted, but these are given in Appendix 3.

8.1 Conventional Geochemical Analysis

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

Primary samples were retained in storage for possible future follow-up. In total, 145 composite samples (plus five standards) were submitted to each laboratory. In addition, 231 primary samples were analysed by conventional geochemistry as follow-up to anomalous composites.

Conventional geochemistry recognises the known Sandy Creek mineralisation. The anomaly is small but high order (peak 1.25% Zn) but significant masking by transported sediments associated with Sandy Creek is apparent.

A broader but lower order geochemical anomaly occurs at Winchrope Hill, (peak 0.175% Pb and 460ppm Zn). As at Sandy Creek the highest geochemistry is closely defined by proximity of sampling to the sandy subfacies coincident with the Milligans/Burt Range Formation contact and to growth faults trending approximately north-south.

Two single point anomalies located at 523900E/8300400N and 525500E/8302400N are also related to fracture-vein limonite hosted by the silicified sandy subfacies.

8.2 GVP Analysis

Composite soil samples from Sandy Creek have been submitted to Magellan Petroleum in Brisbane for GVP analysis. However, because of major delays due to a routine overhaul of the Magellan mass spectrometer, followed by technical problems, only initial results on composite samples have been received.

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

Results are given in Appendix 4.

9 DRILLING

A programme of aircore, RC and diamond drilling of the Sandy Creek EL (and adjacent Wilga Licence areas) commenced on 13/9/94, and was completed on 2 October 1994. Drill logs for the four holes completed are included as Appendix 5. Results are not yet available.

10 EXPENDITURE

Preliminary accounting figures indicate total expenditures on the project amounting to 66,021. This covers the period up to 30th September 1994, but excludes any drilling costs.

APPENDIX 1

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

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BONAPARTE ZINE PROJECT
REPORT INVENTORY

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

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BONAPARTE ZINE PROJECT
REPORT INVENTORY

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

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX 2

DRILLHOLE DATABASE

EL 6969
(AS AT 1-9-1994)

Hole Number	Hole Type	Current EL	Previous EL/ML	AMG East	AMG North	Total Depth (m)	CAT	LOGS			MINERAL		RESULTS				GENERAL GEOLOGICAL LOCATION
								L	P	GP	Pb	Zn	Interval (m)	Pb %	Zn %	Ag ppm	
AH007		EL6969	EL674	519030	8293600	28	G				1	1	26-28	0.017	0.011		Alpha Hill
AH008		EL6969	EL674	519015	8293655	22	G				2	2	10-12	0.18	0.14		Alpha Hill
AH004		EL6969	EL674	519115	8293685	26	G				1	2	14-26	0.033	0.1456		Alpha Hill
NBW4017		EL6969	EL2167 EL674	519128	8293700	50	E	+		G	3	3	40-48	0.8	0.6125		Alpha Hill
AH005		EL6969	EL674	519115	8293785	18	G				1	1	6-8	0.036	0.1		Alpha Hill
NBW1001		EL6969	EL674	518895	8293920	107.7	E	+		G	2	4	75.65-83	0.2	1.109		
NBK1019	D	EL6969		519075	8294000	107	E	+		G	1	4					
NBK1018	D	EL6969		519150	8294000	103	E	+		G	4	1					
NBW4018		EL6969	EL2167 EL674	519110	8294090	89	E	+			3	2	86-89	0.75	0.32		Alpha Hill
NBW4003	P		EL674	521295	8294278	52	E	+		G	2	1	40-52	0.48	0.1	N/A	Sandy Creek
NBW4003	P		EL674	521295	8294278	52	E	+		G			40-44				
NBW4001	P	EL6969	EL674	521295	8294378	36	E				1	1	30-36	0.45	0.02	N/A	Sandy Creek
NBW4001	P	EL6969	EL674	521295	8294378	36	E						12-18				
NBK1033	P&D	EL6969	Keep B Claims	519375	8294750	70.12	E			G				<1	<1	N/A	
NBW4016		EL6969	EL2167 EL674	518477	8294880	34	G	+			2	1	28-32	0.4	0.03		Alpha Hill Sandy Creek
NBW4015		EL6969	EL2167 EL674	518680	8294880	40	G	+			3	1	34-36	0.65	0.02		Sandy Creek
NBW4014		EL6969	EL2167 EL674	518890	8294880	48	G				1	1	40-48	0.2375	BLD		Sandy Creek
NBW4013		EL6969	EL2167 EL674	519090	8294880	23	G				2	1	16-23	0.27	<.01		Sandy Creek
NBW4012		EL6969	EL2167 EL674	519260	8294880	14	G				1	1	12-14	0.05	<.01		Sandy Creek
NBW4011		EL6969	EL2167 EL674	519585	8294880	24	G				2	1	16-24	0.3125	<.01		Sandy Creek
NBW4010		EL6969	EL2167 EL674	519697	8294880	22	G	+			2	1	12-20	0.3875	<.01		Sandy Creek
NBW4009		EL6969	EL2167 EL674	519889	8294880	20	G	+			2	1	12-20	0.3875	<.01		Sandy Creek
NBW4008		EL6969	EL2167 EL674	520090	8294880	19	G				2	1	16-18	0.25	<.01		Sandy Creek
NBW4007		EL6969	EL2167 EL674	520290	8294880	32	G				2	1	24-32	0.262	<.01		Sandy Creek
NBW4005		EL6969	EL2167 EL674	520660	8294880	20	G				1	1	12-20	0.275	<.01		Sandy Creek
NBW4004	P	EL6969	EL674	520895	8294880	27	G				2	1	20-24	0.35	<0.01	N/A	Sandy Creek
NBW4002	P	EL6969	EL674	521295	8294880	112	E	+		G	2	2	12-32	0.39	0.3	N/A	Sandy Creek
NBW4002	P	EL6969	EL674	521295	8294880	112	E	+		G			106-108	0.4	0.3		
NBW4006		EL6969	EL674 EL674	522490	8294880	42	G	+			2	2	40-42	0.25	0.15		Sandy Creek
NBK1048	D		EL4413	519200	8295000	385.3					3	4	210.7-211	0.64	1.36	3	CR84/264
NBK1048	D		EL4413	519200	8295000								216-217.6	0.3775	0.861	8.75	
NBK1048	D		EL4413	519200	8295000								228-231	0.01	0.21	4	
NBK1048	D		EL4413	519200	8295000								244-247	0.063	0.501	3.3	
SC021		EL6969		520485	8295075	33	G				1	1	30-32	0.005	0.014		
DDH123 *		EL6969	EL674	521215	8295080	47.5	E				1	1					
SC023		EL6969	EL674	521210	8295275	64					1	1		<.01	<.01	N/A	
NBK1032	P&D	EL6969	Keep B Claims	519550	8295300	141.35	E			G		3		<1	<1	N/A	
SC020			EL2167	520290	8295485	32	G				1	1	26-28	0.012	0.018		
SC019		EL6969	EL2167	520490	8295485	33	G				1	1		<.01	<.01		
NBK1031	P&D	EL6969	Keep B Claims	519725	8295650	99.8	E			G			79-82	<1	2.55	28	

Hole Number	Hole Type	Current EL	Previous EL/ML	AMG East	AMG North	Total Depth (m)	CAT	LOGS			MINERAL		RESULTS				GENERAL GEOLOGICAL LOCATION
								L	P	GP	Pb	Zn	Interval (m)	Pb %	Zn %	Ag ppm	
NBK4066		EL6969	EL2167	520310	8295690	24	G				1	1		<.01	<.01		
NBK4065		EL6969	EL2167	520410	8295690	24	G				1	1		<.01	<.01		
NBK4064		EL6969	EL2167	520510	8295690	24	G				1	1		<.01	<.01		
NBK4063		EL6969	EL2167	520595	8295690	28	G				1	1	20-22	0.041	0.047		
NBK4011		EL6969	EL2167 EL247	519510	8295890	120	E	+	+	G	1	1		<.1	<.05		
NBK4087		EL6969		519910	8295890	63.7	E	+		G	2	3	48-62	0.1978	0.5		
NBK4062		EL6969	EL2167	520410	8295890	24	G				1	1	22-24	0.0054	0.046		
NBK4061		EL6969	EL2167	520510	8295890	24	G				1	1		<.01	<.01		
NBK4060		EL6969	EL2167	520610	8295890	24	G				1	1		<.01	<.01		
NBK4059		EL6969	EL2167	520682	8295890	30	G				1	1	28-30	0.015	0.001		
NBK4058		EL6969	EL2167	520458	8296090	26	G				1	1	18-20	0.0096	0.17		
NBK4057		EL6969	EL2167	520558	8296090	22	G				1	1	16-18	0.0062	0.029		
NBK4056		EL6969	EL2167	520658	8296090	24	G				1	1		<.01	<.01		
NBK4055		EL6969	EL2167	520758	8296090	26	G				1	1	24-26	0.002	0.0028		
NBK1010	P&D	EL6969		519910	8296290	277.4	E	+		G	1	1					
NBK4086		EL6969		519910	8296292	158	E	+		G	1	1	24-26	0.0042	0.019		
NBK4085		EL6969	EL2167	520310	8296292	98.5	E	+		G	1	2	26-44	0.006	0.36		
NBK4054		EL6969	EL2167	520460	8296292	24	G				1	1	18-20	0.008	0.14		
NBK4053		EL6969	EL2167	520555	8296292	24	G				1	1	18-20	0.005	0.16		
NBK4052		EL6969	EL2167	520660	8296292	24	G				1	1	20-22	0.007	0.13		
NBK4051		EL6969	EL2167	520725	8296292	30	G				2	2	22-26	0.24	0.13		
NBK1046	D			520100	8296300	343.1					3	4	72.1-74.5	0.486	1.958		
NBK1046	D			520100	8296300								74.5-81.7	0.065	0.431		
NBK1046	D			520100	8296300								81.7-86.2	0.239	2.0308		
NBK1046	D			520100	8296300								86.2-91.2	0.03	1.0636		
NBK1046	D			520100	8296300								117.8-118.8	0.2	2.38		
NBK1046	D			520100	8296300								125.5-136.5	0.03	0.3527		
NBK1046	D			520100	8296300								136.5-137.5	0.63	1.98		
NBK1046*	P&D	EL6969	EL2167	520150	8296300	343.1	E				1	1	84.8-85.2	1.67	2.03	10	
SC017		EL6969	EL2167	520605	8296395	22	G				1	1	20-22	0.024	0.24		
SC018		EL6969	EL2167	520805	8296395	39	G				1	1	22-24	0.0066	0.12		
NBK1030	P&D	EL6969	Keep B Claims	520200	8296400	119.08	E			G			77-78	6.11	3.75	23	
NBK1030	P&D	EL6969	Keep B Claims	520200	8296400	119.08	E			G			76-83				
NBK1030	P&D	EL6969	Keep B Claims	520200	8296400	119.08	E			G			87-90		2.3		
SC015		EL6969	EL2167 EL247	520605	8296495	30	G				1	4	24-26	0.064	1.3		Sandy Creek
SC016		EL6969	EL2167	520805	8296495	37	G				1	5	14-24	0.01	2.56		Sandy Creek
NBK1039	P&D	EL6969		520272	8296512	141.75	E			G	3		73-77	0.88	1.33	8	
NBK1039	P&D	EL6969		520272	8296512	141.75	E			G			87-88	0.86	2.4	11	
NBK5004	D		EL4413	520150	8296550	395.4					1	5	172-174	0.188	0.65	4	
NBK5004	D		EL4413	520150	8296550								184-185	0.32	2.25	19	

Hole Number	Hole Type	Current EL	Previous EL/ML	AMG East	AMG North	Total Depth (m)	CAT	LOGS			MINERAL		RESULTS				GENERAL GEOLOGICAL LOCATION
								L	P	GP	Pb	Zn	Interval (m)	Pb %	Zn %	Ag ppm	
NBK5004	D		EL4413	520150	8296550								185-187	0.08	0.63	3.5	
NBK5004	D		EL4413	520150	8296550								249-251	0.03	1.605	5	
NBK5004	D		EL4413	520150	8296550								251-253	0.01	0.51	2.5	
SC009		EL6969	EL2167 EL247	520510	8296690	40.5					1	3					Sandy Creek
SC008		EL6969	EL2167 EL247	520560	8296690	30	G				1	2	6-30	0.068	0.4141		Sandy Creek
SC007		EL6969	EL2167 EL247	520605	8296690	46					1	4					Sandy Creek
SC006		EL6969	EL2167 EL247	520660	8296690	19	G				1	5	10-18	0.0542	3.225		Sandy Creek
SC005		EL6969	EL2167 EL247	520720	8296690	22	G				2	6	2-22	0.1656	5.88		Sandy Creek
NBK4084		EL6969	EL2167	519910	8296692	62.3	E	+		G	1	1	48-50	0.0024	0.06		
NBK4083		EL6969	EL2167	520310	8296692	92.3	E	+		G	4	5					
SC014		EL6969	EL2167 EL247	520605	8296790	53.5					2	4	14-22	0.2325	1.625		Sandy Creek
SC013		EL6969	EL2167 EL247	520735	8296790	74					1	6					Sandy Creek
NBK1016	D	EL6969		520375	8296800	98	E	+			1	3					
NBK1015	D	EL6969		520425	8296800	74	E	+			1	4					
SC012		EL6969	EL2167 EL247	520805	8296890	46					4	6					Sandy Creek
NBK4034		EL6969	EL2167 Keep River	520558	8296892	30	G				2	2	24-30	0.1436	0.2366	2.93	
NBK4033		EL6969	EL2167 Keep River	520638	8296892	30	G	+			2	4	24-30	0.123	2.06		
NBK4023		EL6969	EL2167 Keep River	520708	8296892	26	G	+			1	4	22-26	0.0435	2.075	4.8	Winchrope
NBK1023	P&D	EL6969	Keep B Claims	520425	8296900	159.35	E			G	1	4	80-86	<.01	1	2	
NBK1023	P&D	EL6969	Keep B Claims	520425	8296900	159.35	E			G	1	4	89-93	0.02	1.66	3	
NBK2001		EL6969	EL2167	520580	8296960	82	E	+		G	3	4					
SC004		EL6969	EL2167 EL247	520960	8296990	26	G				3	4	22-26	0.56	1.31		Sandy Creek
NBK4032		EL6969	EL2167 Keep River	520555	8296995	32	G				1	1	30-32	<.01	0.01		
NBK4031		EL6969	EL2167 Keep River	520638	8296995	30	G	+			2	3	26-28	0.29	1		
NBK4024		EL6969	EL2167 Keep River	520708	8296995	32	G				1	1	26-32	0.07	0.2166	3.13	Winchrope
NBK1024	P&D	EL6969	Keep B Claims	520525	8297000	171	E			G	4		52-54	1.15	3.28	10	
NBK1024	P&D	EL6969	Keep B Claims	520525	8297000	171	E			G	4		67-69				
NBK1024	P&D	EL6969	Keep B Claims	520525	8297000	171	E			G	4		55-61				
NBK1024	P&D	EL6969	Keep B Claims	520525	8297000	171	E			G	4		32-138				
NBK1024	P&D	EL6969	Keep B Claims	520525	8297000	171	E			G	4		115-119		4.4	4	
NBK1022	P&D	EL6969	Keep B Claims	520625	8297000	165.4	E			G	1	4	37-73	<.01	1	1	
NBK1022	P&D	EL6969	Keep B Claims	520625	8297000	165.4	E			G	1	4	84-94	0.35	1.18	0	
SC003		EL6969	EL2167 EL247	521060	8297085	29	G				2	2	24-26	0.23	0.39		Sandy Creek
NBK4009		EL6969	EL2167 EL247	519510	8297090	120	E	+		G	2	1	58-60	0.25	<.1		
NBK1002		EL6969	EL2167	520505	8297090	144	E	+	+	G	3	5					
NBK4007		EL6969	EL2167 EL247	520505	8297090	50	E				1	1	32-34	2.01	0.06		
NBK1037	P&D	EL6969		520580	8297090	193.55	E			G			145-146	2.2	1.95	5	
NBK1037	P&D	EL6969		520580	8297090	193.55	E			G			153-160		3.34	5	
NBK4004		EL6969	EL2167 EL242	520580	8297090	93	E	+		G	4	5	52-70	2.31	3.405	5.78	
NBK4003		EL6969	EL2167	520640	8297090	68	E	+			6	5					

Hole Number	Hole Type	Current EL	Previous EL/ML	AMG East	AMG North	Total Depth (m)	CAT	LOGS			MINERAL		RESULTS				GENERAL GEOLOGICAL LOCATION
								L	P	GP	Pb	Zn	Interval (m)	Pb %	Zn %	Ag ppm	
SC022*		EL6969	EL674	520660	8297090	90					1	3	55-58	0.027	0.5	N/A	
NBK4001		EL6969	EL2167 EL247	520730	8297090	63	E	+			6	5					
NBK1001		EL6969	EL2167	520732	8297090	90.8	E	+			6	5					
NBK1004		EL6969	EL2167	520775	8297090	111	E	+									
NBK1005		EL6969	EL2167	520775	8297090	69	E	+									
NBK1009		EL6969	EL2167	520775	8297090	203	E	+			1	5					
NBK4002		EL6969	EL2167	520787	8297090	44	E	+			4	4					
NBK4088		EL6969	EL2167	520906	8297090	32	E				2	2	26-32	0.13	0.44		
NBK4008		EL6969	EL2167 EL247	520732	8297135	94	E	+			6	4	20-94	10.624	1.98		
NBK1003		EL6969	EL2167	520732	8297145	150	E	+	+	G	6	5					
NBK1006		EL6969		520795	8297180	104.6	E	+									
NBK2002		EL6969	EL2167	520555	8297190	96	E	+		G	1	1	28-30	0.029	0.042		
NBK4006		EL6969	EL2167	520665	8297190	89	E	+	+	G	4	4					
NBK4050		EL6969	EL2167 Keep River	520745	8297190	32	G	+			5	4	24-28	3.625	1.1	13.3	
NBK4005		EL6969	EL2167	520787	8297190	71	E	+			4	4					
SC002		EL6969	EL2167 EL247	521105	8297190	38	G				2	3	32-38	0.303	0.62		Sandy Creek
NBK1021	P&D	EL6969	Keep B Claims	520650	8297200	223.25	E			G	3	5	178-180	0.07	3.98	19	
NBK4020		EL6969	EL2167 Keep River	520707	8297290	91	E	+		G	2	4	76-78	0.335	1.35		
NBK4048		EL6969	EL2167 Keep River	520805	8297290	35	G				3	3	28-36	0.5575	0.85	6.15	
NBK4049		EL6969	EL2167 Keep River	520905	8297290	28	G	+			1	2	20-28	0.073	0.4975	3.85	
NBK4089		EL6969	EL2167	520905	8297290	30	E				2	3	24-30	0.45	0.92		
SC011		EL6969	EL2167 EL247	521260	8297290	36	G				2	4	24-36	0.302	1.68		Sandy Creek
NBK1040	P&D	EL6969		520647	8297298	148.55	E			G			88-90	2.53	2.62	5	
NBK1040	P&D	EL6969		520647	8297298	148.55	E			G			88-96				
NBK1040	P&D	EL6969		520647	8297298	148.55	E			G			121-124	2.13	2.75	17	
NBK1040	P&D	EL6969		520647	8297298	148.55	E			G			126-128				
NBK1036	P&D	EL6969	Keep B Claims	520650	8297300	249.85	E			G			99-101	2.59	4.53	8	
NBK1036	P&D	EL6969	Keep B Claims	520650	8297300	249.85	E			G			108-109	3.4	2.14	6	
NBK1036	P&D	EL6969	Keep B Claims	520650	8297300	249.85	E			G			98-123				
NBK1028	P&D	EL6969	Keep B Claims	520725	8297300	135.5	E			G			75-82	2.8	2.08	7	
NBK1028	P&D	EL6969	Keep B Claims	520725	8297300	135.5	E			G			63-67				
NBK1028	P&D	EL6969	Keep B Claims	520725	8297300	135.5	E			G			85-91	5.32	1.27	16	
NBK1011		EL6969	EL2167	520805	8297330	80	E	+		G	6	5					
NBK1047B	D		EL4413	520080	8297370	930.6					1	4	500-500.6	0.024	2.4	9	CR84/264
NBK1047B	D		EL4413	520080	8297370								500.8-501	0.0195	1.26	5	
NBK1047B	D		EL4413	520080	8297370								512.7-513.2	0.007	0.39	1	
NBK1047B	D		EL4413	520080	8297370								684.1-685.5	0.03	0.37	2	
NBK4021		EL6969	EL2167 Keep River	520755	8297392	98	E	+		G	1	6	94-98	0.095	4.575	8.15	Winchrope
NBK4046		EL6969	EL2167 Keep River	520862	8297392	38	G	+			2	5	30-38	0.155	3.012	17	
NBK4047		EL6969	EL2167 Keep River	520955	8297392	32	G	+			4	3	26-32	1.966	0.5866		

Hole Number	Hole Type	Current EL	Previous EL/ML	AMG East	AMG North	Total Depth (m)	CAT	LOGS			MINERAL		RESULTS				GENERAL GEOLOGICAL LOCATION
								L	P	GP	Pb	Zn	Interval (m)	Pb %	Zn %	Ag ppm	
NBK1047*	P&D	EL6969	EL2167	520050	8297400		E										
NBK1038	P&D	EL6969		520675	8297400	284.3	E			G			156-159	1.09	3.3	45	
NBK1038	P&D	EL6969		520675	8297400	284.3	E			G			164-166	4.6	301	29	
NBK1025	P&D	EL6969	Keep B Claims	520700	8297400	196	E			G	1		129-131	1.68	2.91	12	
NBK1025	P&D	EL6969	Keep B Claims	520700	8297400	196	E			G			132-137	5.96	7.54	14	
NBK1025	P&D	EL6969	Keep B Claims	520700	8297400	196	E			G			129-131				
NBK1027	P&D	EL6969	Keep B Claims	520900	8297400	63.75	E				3	4	35-40	<.01	1.6	1	
NBK1026	P&D	EL6969	Keep B Claims	520794	8297406	120.4	E				1		32-40	3	1.5	25	
NBK1026	P&D	EL6969	Keep B Claims	520794	8297406	120.4	E						45-52	2	1.6	27	
NBK1012		EL6969	EL2167	520835	8297420	43.55	E	+		G	5	2	30-31	3.15	0.45	8	
NBK4030	P&D	EL6969	EL2167 Keep River	520755	8297490	32	G				1	1		<.01	<.01		
NBK1013	P&D	EL6969	EL2167	520820	8297490	87.15	E	+		G	4	4					
NBK4029		EL6969	EL2167 Keep River	520820	8297490	30	G				1	1		<.01	<.01		
NBK4042		EL6969	EL2167 Keep River	520905	8297490	26	G				1	1	24-26	0.018	0.044		
NBK4045		EL6969	EL2167 Keep River	520955	8297490	30	G	+			1	2	22-30	0.1212	0.3175		
NBK4095		EL6969	Sandy Creek	521105	8297490	32	E				1	1					
NBK4095		EL6969	EL2167	521105	8297490	32	E				1	1					
SC001		EL7832	EL2167 EL247	521260	8297490	30	G				1	1	28-30	0.0054	0.015		Sandy Creek
NBK1045				520775	8297500	231.8					6	4	68.55-75.62	TRACE	0.237		CR82/164
NBK1045				520775	8297500								75.62-76.99	0.1	0.957		
NBK1045				520775	8297500								76.99-80.20	10.26	1.917		
NBK1045				520775	8297500								80.20-88.20	0.18	0.5		
NBK1045	P&D	EL6969	EL2167	520775	8297500	231.8	E			G	1	1	76.9-79.2	14.82	1.85	42	
NBK4037		EL6969	Keep River	521260	8297590	70	E	+			2	4					
NBK4027		EL6969	EL2167 Keep River	520755	8297592	32	G				1	1	28-30	<.01	0.019		
NBK4028		EL6969	EL2167Keep River	520842	8297592	32	G				1	1		<.01	<.01		
NBK4044		EL6969	EL2167 Keep River	520930	8297592	32	G				1	1	26-28	0.0066	0.039		
NBK4043		EL6969	EL2167 Keep River	521005	8297592	30	G	+			2	1	24-30	0.225	0.2766		
NBK5001				520775	8297600	3.06					1	2	104.11-111.00	0.07	0.435		CR82/164
NBK5001	H&C	EL6969	EL2167	520775	8297600	306.5	E			G	1	1	108.6-109	0.3	1.32	7	
NBK5001	H&C	EL6969	EL2167	520775	8297600	306.5	E			G	1	1	104.1-111		0.34		
NBK5003	R&C	EL6969		520795	8297600	252.7	E				1	1	57.2-57.6	2.33	0.9	12	
NBK5003	R&C	EL6969		520795	8297600	252.7	E						101.9-106.6	0.22	1.86	15	
SC010		EL6969	EL2167 EL247	521260	8297690	34	G				1	1	14-22	0.136	0.1425		Sandy Creek
NBK4026		EL6969	EL2167 Keep River	520805	8297692	34	G	+			1	3	28-30	0.012	0.88	12	
NBK4025		EL6969	EL2167 Keep River	520880	8297692	32	G				2	1	20-22	0.25	<.1		
NBK4040		EL6969	EL2167 Keep River	521105	8297692	28	G				1	1	24-26	0.013	0.078		
NBK4035		EL6969	EL2167 Keep River	521277	8297692	66	G	+			3	4					
NBK1014	P&D	EL6969	EL2167	520978	8297700	357	E	+		G	1	3					
NBK5002	H	EL6969	EL2167	520850	8297800	100	E			G	1	1		<.01	<.01	N/A	

Hole Number	Hole Type	Current EL	Previous EL/ML	AMG East	AMG North	Total Depth (m)	CAT	LOGS			MINERAL		RESULTS				GENERAL GEOLOGICAL LOCATION
								L	P	GP	Pb	Zn	Interval (m)	Pb %	Zn %	Ag ppm	
NBK1041				521250	8297950	114.5					2	5	98-102	0.38	3.19	12.5	CR82/164
NBK1041				521250	8297950								102-106	0.59	0.847	5.5	
NBK1041	P&D	EL6969		521250	8297950	114.5	E			G	1	1	98-102	<1	3.19	12.5	
NBK4041		EL6969	EL2167 Keep River	521450	8298040	89	G	+			3	2	26-28	1	0.25		
NBK4010		EL6969	EL2167 EL247	519510	8298290	120	E	+			1	1	76-78	0.1	<.05		
NBK4070*		EL6969	EL274	522420	8298490	22	E	+		G	1	1		N/A	N/A	N/A	
BGD022	D		EL4413	521100	8298600	243.5					1	2	115-120	0.02	0.113		
BGD022	D		EL4413	521100	8298600								170-180	0.01	0.117		
BGD023	D		EL4413	521300	8298600	337.2					1	4	204-210	0.006	0.233		
BGD023	D		EL4413	521300	8298600								210-215	0.01	0.332		
BGD023	D		EL4413	521300	8298600								219-220	0.01	1.24		
BGD023	D		EL4413	521300	8298600								220-223	0.01	0.48		
NBK4072*		EL6969	EL274	522230	8298720	42	E	+		G	1	1		N/A	N/A	N/A	
NBK1017	D	EL6969		521375	8298800	98	E	+			1	1					
NBK1020	D	EL6969		521475	8298800	67	E	+		G	1	1					
NBK4073		EL6969	EL274	522072	8299090	70	E	+		G	1	1	30-32	<.01	0.02	N/A	Sandy Creek
NBK4075		EL6969	EL247	521885	8299327	92	E	+		G	1	1	44-54	0.01	0.03	N/A	
NBK4075		EL6969	EL247	521885	8299327	92	E	+		G			68-92				
NBW4022	P	EL6969	EL674	525875	8299465	20	E							<.01	<.01	N/A	Sandy Creek
NBK4074		EL6969		521700	8299560	28	E	+		G	1	1					Sandy Creek
NBK4076		EL6969	EL2167	522745	8299755	104	E	+		G	1	1	88-94	0.037	0.13		Winchrope
NBW4023	P	EL6969	EL674	525491	8299925	104	E	+		G			64-68	<.01	0.11	N/A	Sandy Creek
NBK1029	P&D	EL6969	Keep B Claims	521800	8300100	117.7	E			G			44-45	<.01	2.15	7	
NBK4038		EL6969	EL2167 Keep River	522215	8300353	96	E	+			2	2	84-86	0.25	0.25		Winchrope
NBW4021	P	EL6969		525107	8300385	85	E	+		G	1	1	62-64	0.017	0.068	N/A	Sandy Creek
NBW4021	P	EL6969		525107	8300385	85	E	+		G			22-26				
NBK5005	D		EL4413	521200	8300500	675.8					1	1					
NBK1042				522200	8300500	229.85					1	4	43.93-44.32	0.006	1.27		CR82/164
NBK1042				522200	8300500								49.69-50.65	0.09	1.2		
NBK1042				522200	8300500								50.65-51.93	0.03	0.622		
NBK1042	P&D	EL6969		522200	8300500	299.88	E			G	1	1					
NBW4020	P	EL6969	EL674	523070	8300530	32	E						12-14	0.27	0.94	N/A	Sandy Creek
NBW4020	P	EL6969	EL674	523070	8300530	32	E						28-32	0.1475	0.16		
NBW4019		EL6969	L2166 Weaber Lag	523590	8300670	107	E	+		G	2	4	102-106	0.15	2		Sandy Creek
NBW4024		EL6969	EL674	524722	8300845	78	E	+		G			24-26	0.018	0.29	N/A	Sandy Creek
NBK1043	P&D	EL7832	EL2167	522700	8301100	133.5	E			G	1	1					
NBK4012		EL6969	EL2167 EL247	523076	8301315	54	E	+			2	3	44-48	0.15	0.65		Winchrope
NBK4022		EL6969	EL2167 Keep River	524160	8301523	80	E	+			1	4	34-36	0.2	0.65		Winchrope
NBK1044				522875	8301580	73.8					1	2	56.33-57.5	0.01	0.278		CR82/164
NBK1044	P&D	EL6969	EL2167	522875	8301580	73.8	E			G	1	1		<.01	<.01	N/A	

Hole Number	Hole Type	Current EL	Previous EL/ML	AMG East	AMG North	Total Depth (m)	CAT	LOGS			MINERAL		RESULTS				GENERAL GEOLOGICAL LOCATION
								L	P	GP	Pb	Zn	Interval (m)	Pb %	Zn %	Ag ppm	
NBK4036		EL6969	EL2166 Keep River	524075	8301620	107	E	+		G	2	3	98-100	0.2	0.75		Winchrope
NBK4077		EL6969	EL2166	523690	8302080	100	E	+		G	2	4	88-94	0.24	1.28		Winchrope
NBK4091		EL6969	EL247	526270	8302100	50	E	+		G							Winchrope
NBK4090		EL6969	EL247	525890	8302565	32	E	+			2	3	30-32	0.4	0.8	N/A	Winchrope
NBK4079		EL6969	EL2167	525505	8303030	28	E	+			1	2	12-14	0.0068	0.12		Winchrope
NBK4094		EL6969		526210	8303460	6	E	+			1	2	24-26	0.018	0.5		Winchrope
NBK4078		EL6969	EL2167	525128	8303490	72	E	+		G	2	3	60-62	0.115	0.9		Winchrope
NBK4019		EL6969	EL2167 Keep River	525999	8303667	64	E	+			1	3	8-10	0.3	0.5		Winchrope
NBK4018		EL6969	EL2167 Keep River	525777	8303880	102	E	+		G	2	3	10-12	0.15	0.65		
NBK1008	P&D	EL6969		524145	8303955	190	E	+	+	G							Winchrope
NBK4093	P	EL6969		524745	8303955	109	E	+		G	1	1	100-102	0.002	0.02		Winchrope
NBK4092		EL6969	Sandy Creek	525560	8304090	34	E	+			3	3	24-26	0.7	0.52		Winchrope
NBK1034	P&D	EL6969	Keep B Claims	525600	8304300	123.7	E			G	3	3	28-29	1.32	1.98	6	Winchrope
NBK1035	P&D	EL6969	Keep B Claims	525700	8304300	118.28	E			G			33-35	<1	1.94	1	Winchrope
OMR110		EL7832	Winchrope	526675	8304870	14	G				1	1					
OMR110		EL6969	EL675	526675	8304870	14	G				1	1					
OMR111				526775	8304870	14	G				1	1					
OMR112				526875	8304870	18	G				1	1					
OMR113				526975	8304870	20	G				1	1					
OMR114				527075	8304870	10	G				1	1					
OMR115				527175	8304870	10	G				1	1					
OMR116				527275	8304870	36	G				1	1					
OMR117				527375	8304870	20	G				1	1					
NBK4013		EL6969	EL2167 EL247	526130	8304920	30	E	+			1	3	20-22	0.1	0.75		Ochre Mine
NBK4017		EL6969	EL2167 Keep River	529732	8304920	62	E	+		G	2	4	24-30	0.15	1.166		Ochre Mine
OMR036		EL7832	EL675	530737	8304950	14	G				1	1					
OMR037		EL7832	EL675	530737	8305050	8	G				1	1					
OMR038		EL7832	EL675	531737	8305150	18	G				1	1					
NBK4096	P&D	EL6969	Keep B	526340	8305200	69	E				2	2	52-54	0.192	0.191		Winchrope

APPENDIX 3

SOIL SAMPLE LOCATIONS AND ANALYSES

Composite Soil Assays

SAMPLE	EASTING	NORTHING	CU	ZN	PB
54801	519500	8298400	8	5	5
54806	520000	8298400	10	5	5
54811	520500	8298400	7	4	5
54816	521000	8298400	10	5	5
54821	521500	8298400	6	4	5
54826	520000	8298800	9	3	5
54831	520500	8298800	9	5	15
54836	521000	8298800	11	3	5
54841	521500	8298800	7	5	5
54846	522000	8298800	5	2	5
54851	522500	8298800	6	1	5
54856	523000	8298800	4	2	5
54861	520000	8299200	6	2	5
54866	520500	8299200	6	4	5
54871	521000	8299200	7	5	5
54876	521500	8299200	7	3	5
54881	522000	8299200	4	1	5
54886	522500	8299200	6	1	5
54901	519500	8299600	2	1	5
54906	520000	8299600	2	2	5
54911	520500	8299600	5	5	5
54916	521000	8299600	7	2	0
54921	521500	8299600	9	4	5
54926	522000	8299600	3	2	0
54931	522500	8299600	4	1	5
54936	523000	8299600	12	2	5
54941	521500	8300000	12	4	10
54946	522000	8300000	5	1	5
54951	522500	8300000	0	0	5
54961	523000	8300000	7	1	5
54966	523500	8300000	4	2	0
54971	524000	8300000	4	0	5
54976	522000	8300400	6	2	5
54981	522500	8300400	6	1	5
54986	523000	8300400	6	1	5
54991	523500	8300400	8	17	15
54996	524000	8300400	2	4	5
55001	520500	8298000	4	4	5
55001	524500	8300400	4	4	5
55006	521000	8298000	4	4	5
55011	521500	8298000	9	3	5
55016	520000	8298000	7	4	5
55021	519500	8298000	7	4	5
55026	520000	8297600	4	4	5
55036	519500	8297600	8	4	5
55041	520000	8297200	5	10	5
55046	519500	8297200	6	11	10
55051	520000	8296800	5	2	0
55056	519500	8296800	6	4	10
55061	519000	8296800	7	4	5
55066	518500	8296800	3	4	5
55071	520500	8297600	5	5	0
55076	521000	8297600	3	6	15
55081	521500	8297600	12	6	15
55086	520500	8297200	18	11	5

Composite Soil Assays

SAMPLE	EASTING	NORTHING	CU	ZN	PB
55091	521000	8297200	8	42	35
55096	520500	8296800	5	2050	330
55101	521000	8296800	5	380	195
55106	520000	8296400	3	22	5
55111	519500	8296400	4	12	10
55116	519000	8296400	3	12	10
55121	520500	8296400	4	4	5
55126	521000	8296400	4	4	5
55131	520500	8296000	3	3	0
55136	521000	8296000	6	3	5
55141	520500	8295600	4	2	0
55146	521000	8295600	5	3	0
55151	520500	8295200	4	2	0
55156	521000	8295200	5	3	0
55161	520000	8296000	5	3	5
55166	519500	8296000	4	4	5
55171	519000	8296000	3	5	5
55176	518500	8296000	3	3	5
55181	520000	8295600	4	2	0
55186	519500	8295600	2	4	5
55191	519000	8295600	2	3	5
55196	520000	8295200	4	3	5
55201	519500	8295200	7	4	5
55206	519000	8295200	4	4	5
55211	518500	8295200	4	3	10
55216	518000	8295200	5	4	5
55221	520500	8294800	2	3	0
55226	520000	8294800	4	3	0
55231	519500	8294800	3	3	5
55236	519000	8294800	2	3	0
55241	518500	8294800	3	3	5
55246	518000	8294800	2	4	5
55251	517500	8294800	4	4	0
55256	519500	8294400	1	3	5
55261	519000	8294400	2	2	5
55266	518500	8294400	2	2	5
55271	518000	8294400	4	5	15
55281	519000	8294000	4	11	15
55286	518500	8294000	2	3	5
55291	518000	8294000	4	3	10
55461	524500	8302000	3	5	5
55466	524000	8302000	2	3	0
55471	523500	8302000	0	2	5
55476	523500	8302400	0	2	5
55481	524000	8302400	8	3	5
55486	524500	8302400	0	2	5
55491	525000	8302400	3	8	5
55496	525500	8302400	0	480	180
55506	522000	8300800	7	10	10
55511	522500	8300800	0	4	0
55516	523000	8300800	0	4	5
55521	523500	8300800	1	3	0
55526	524000	8300800	2	2	5
55531	524500	8300800	1	2	0
55536	522500	8301200	0	2	5

Composite Soil Assays

SAMPLE	EASTING	NORTHING	CU	ZN	PB
55541	523000	8301200	0	7	5
55546	523500	8301200	2	4	5
55551	524000	8301200	0	4	5
55556	524500	8301200	4	4	5
55561	525000	8301200	0	4	5
55566	523000	8301600	6	3	5
55571	523500	8301600	0	3	0
55576	524000	8301600	2	3	5
55581	524500	8301600	0	2	0
55586	525000	8301600	0	2	5
55591	525500	8302000	2	3	5
55596	525000	8302000	5	2	5
55701	524000	8302800	4	5	15
55706	524500	8302800	8	5	10
55711	525000	8302800	3	7	15
55716	525500	8302800	8	10	15
55721	526000	8302800	1	30	125
55741	525000	8303200	3	7	10
55746	525500	8303200	4	23	30
55751	526000	8303200	6	20	90
55766	525000	8303600	9	14	20
55771	525500	8303600	8	220	190
55776	526000	8303600	12	72	140
55791	525000	8304000	12	22	30
55796	525500	8304000	8	104	220
55851	525000	8304800	14	17	20
55856	525500	8304800	13	31	30
55861	526000	8304800	0	42	100
55866	526500	8304800	10	130	390
55901	526000	8304000	8	380	460
55906	526500	8304000	10	114	520
55921	525000	8304400	16	17	6
55926	525500	8304400	20	140	49
55931	526000	8304400	7	340	72
55936	526500	8304400	9	225	860

Individual Soil Assays

SAMPLE	EASTING	NORTHING	CU	ZN	PB
54991	523500	8300400	5	1	0
54992	523600	8300400	4	0	5
54993	523700	8300400	7	1	5
54994	523800	8300400	6	2	0
54995	523900	8300400	9	50	55
54996	524000	8300400	4	4	5
54997	524100	8300400	4	0	0
54998	524200	8300400	3	0	0
54999	524300	8300400	1	0	0
55000	524400	8300400	2	0	0
55041	520000	8297200	7	3	5
55042	520100	8297200	5	1	0
55043	520200	8297200	6	2	0
55044	520300	8297200	16	5	5
55045	520400	8297200	5	6	5
55046	519500	8297200	5	4	0
55047	519600	8297200	5	3	0
55048	519700	8297200	6	3	10
55049	519800	8297200	6	5	5
55050	519900	8297200	7	4	5
55051	520000	8296800	4	1	0
55052	520100	8296800	5	1	5
55053	520200	8296800	4	0	0
55054	520300	8296800	6	1	0
55055	520400	8296800	5	3	5
55056	519500	8296800	8	4	5
55057	519600	8296800	7	3	5
55058	519700	8296800	7	3	0
55059	519800	8296800	6	3	5
55060	519900	8296800	6	3	5
55076	521000	8297600	7	2	0
55077	521100	8297600	4	2	0
55078	521200	8297600	5	3	0
55079	521300	8297600	5	1	0
55080	521400	8297600	7	16	60
55081	521500	8297600	4	6	25
55082	521600	8297600	3	8	25
55083	521700	8297600	5	1	0
55084	521800	8297600	6	2	0
55085	521900	8297600	8	1	5
55086	520500	8297200	7	2	5
55087	520600	8297200	8	4	20
55088	520700	8297200	5	2	0
55089	520800	8297200	5	27	5
55090	520900	8297200	4	2	0
55091	521000	8297200	6	7	5
55092	521100	8297200	8	20	15
55093	521200	8297200	7	195	175
55094	521300	8297200	6	4	5
55095	521400	8297200	6	1	0
55096	520500	8296800	6	3	5
55097	520600	8296800	6	3	5
55098	520700	8296800	4	2	5
55099	520800	8296800	14	1	1600
55100	520900	8296800	10	440	720

Individual Soil Assays

SAMPLE	EASTING	NORTHING	CU	ZN	PB
55101	521000	8296800	10	1020	580
55102	521100	8296800	10	1400	800
55103	521200	8296800	5	26	20
55104	521300	8296800	6	3	5
55105	521400	8296800	5	1	5
55106	520000	8296400	7	1	0
55107	520100	8296400	7	1	0
55108	520200	8296400	4	47	5
55109	520300	8296400	6	1	0
55110	520400	8296400	13	4	10
55111	519500	8296400	4	0	0
55112	519600	8296400	4	3	5
55113	519700	8296400	7	2	15
55114	519800	8296400	5	1	10
55115	519900	8296400	6	2	5
55116	519000	8296400	7	3	15
55117	519100	8296400	10	4	10
55118	519200	8296400	11	5	10
55119	519300	8296400	5	0	5
55120	519400	8296400	5	1	5
55211	518500	8295200	7	2	10
55212	518600	8295200	7	3	10
55213	518700	8295200	7	2	10
55214	518800	8295200	6	2	0
55215	518900	8295200	6	2	10
55216	518000	8295200	5	1	10
55217	518100	8295200	6	0	0
55218	518200	8295200	9	2	20
55219	518300	8295200	4	0	5
55220	518400	8295200	7	2	10
55241	518500	8294800	4	1	10
55243	518700	8294800	6	1	5
55244	518800	8294800	5	1	5
55245	518900	8294800	6	1	15
55246	518000	8294800	8	1	5
55247	518100	8294800	5	0	0
55248	518200	8294800	6	0	5
55249	518300	8294800	6	2	5
55250	518400	8294800	6	1	0
55271	518000	8294400	7	2	5
55272	518100	8294400	7	3	10
55273	518200	8294400	6	3	10
55274	518300	8294400	3	1	5
55275	518400	8294400	3	2	10
55281	519000	8294000	5	6	5
55282	519100	8294000	6	17	20
55283	519200	8294000	4	3	0
55284	519300	8294000	4	3	0
55285	519400	8294000	2	0	0
55286	518500	8294000	3	0	0
55287	518600	8294000	2	0	0
55288	518700	8294000	3	0	0
55289	518800	8294000	3	0	0
55290	518900	8294000	2	0	0
55291	518000	8294000	3	2	5

Individual Soil Assays

SAMPLE	EASTING	NORTHING	CU	ZN	PB
55292	518100	8294000	4	5	5
55293	518200	8294000	4	4	10
55294	518300	8294000	4	5	10
55295	518400	8294000	5	5	10
55491	525000	8302400	2	2	5
55492	525100	8302400	18	18	15
55493	525200	8302400	2	3	0
55494	525300	8302400	1	1	5
55495	525400	8302400	4	35	10
55496	525500	8302400	8	1500	520
55497	525600	8302400	3	68	50
55498	525700	8302400	11	7	20
55499	525800	8302400	4	2	5
55500	525900	8302400	7	4	10
55711	525000	8302800	3	2	5
55712	525100	8302800	12	8	10
55713	525200	8302800	13	9	10
55714	525300	8302800	7	6	5
55715	525400	8302800	15	15	10
55716	525500	8302800	17	15	15
55717	525600	8302800	16	19	15
55718	525700	8302800	1	2	0
55719	525800	8302800	18	12	20
55720	525900	8302800	5	7	20
55721	526000	8302800	5	66	280
55722	526100	8302800	0	4	85
55723	526200	8302800	19	9	25
55724	526300	8302800	16	11	20
55725	526400	8302800	13	10	15
55741	525000	8303200	3	1	0
55742	525100	8303200	7	7	10
55743	525200	8303200	4	3	15
55744	525300	8303200	15	12	15
55745	525400	8303200	15	14	15
55746	525500	8303200	13	15	15
55747	525600	8303200	18	18	25
55748	525700	8303200	18	19	30
55749	525800	8303200	2	3	5
55750	525900	8303200	2	48	85
55751	526000	8303200	3	44	35
55752	526100	8303200	13	12	45
55753	526200	8303200	20	17	235
55754	526300	8303200	17	11	140
55755	526400	8303200	18	11	100
55766	525000	8303600	15	13	25
55767	525100	8303600	16	17	20
55768	525200	8303600	19	19	15
55769	525300	8303600	15	13	20
55770	525400	8303600	9	8	10
55771	525500	8303600	14	16	20
55772	525600	8303600	8	12	25
55773	525700	8303600	12	90	95
55774	525800	8303600	12	720	500
55775	525900	8303600	11	250	330
55776	526000	8303600	6	215	140

Individual Soil Assays

SAMPLE	EASTING	NORTHING	CU	ZN	PB
55777	526100	8303600	11	98	175
55778	526200	8303600	7	19	130
55779	526300	8303600	12	21	210
55780	526400	8303600	9	12	175
55791	525000	8304000	22	22	30
55792	525100	8304000	21	22	25
55793	525200	8304000	22	21	25
55794	525300	8304000	20	19	25
55795	525400	8304000	22	28	25
55796	525500	8304000	21	36	25
55797	525600	8304000	6	18	25
55798	525700	8304000	11	66	50
55799	525800	8304000	4	60	215
55800	525900	8304000	15	310	620
55851	525000	8304800	20	17	30
55852	525100	8304800	24	24	30
55853	525200	8304800	21	17	25
55854	525300	8304800	18	14	30
55855	525400	8304800	8	10	15
55856	525500	8304800	18	18	25
55857	525600	8304800	17	18	20
55858	525700	8304800	17	22	25
55859	525800	8304800	19	29	25
55860	525900	8304800	20	54	50
55861	526000	8304800	19	80	80
55862	526100	8304800	2	15	30
55863	526200	8304800	3	46	135
55866	526500	8304800	24	295	860
55867	526600	8304800	11	145	380
55868	526700	8304800	5	46	205
55869	526800	8304800	4	9	80
55870	526900	8304800	15	23	65
55901	526000	8304000	8	530	380
55902	526100	8304000	9	295	350
55903	526200	8304000	11	340	580
55904	526300	8304000	8	370	470
55905	526400	8304000	5	290	460
55906	526500	8304000	8	290	900
55907	526600	8304000	8	58	520
55908	526700	8304000	7	26	340
55909	526800	8304000	9	18	380
55910	526900	8304000	21	21	430
55921	525000	8304400	19	16	45
55922	525100	8304400	22	21	40
55923	525200	8304400	17	16	20
55924	525300	8304400	17	14	15
55925	525400	8304400	11	12	20
55926	525500	8304400	21	30	20
55927	525600	8304400	25	39	25
55928	525700	8304400	19	35	30
55929	525800	8304400	22	46	50
55930	525900	8304400	15	460	130
55936	526500	8304400	7	215	840
55937	526600	8304400	15	460	1750
55938	526700	8304400	10	125	500

Individual Soil Assays

SAMPLE	EASTING	NORTHING	CU	ZN	PB
55939	526800	8304400	8	88	440
55940	526900	8304400	1	10	150
57691	526500	8303600	14	9	175
57692	526600	8303600	22	15	225
57693	526700	8303600	21	19	155
57694	526800	8303600	4	0	5
57695	526900	8303600	16	11	30
57696	526000	8302400	10	1	5
57697	526100	8302400	10	1	5
57698	526200	8302400	12	2	15
57699	526300	8302400	18	5	15
57700	526400	8302400	15	5	10

APPENDIX 4

GAS VAPOUR PHASE GEOCHEMISTRY

BONAPARTE BASIN GVP SURVEY
30 SEPTEMBER 1994
TEMPLATE: ABCD_DEF.012

Bonaparte Basin		SUM	COUNT	
AABX01	V54801-4805	0	0	
AABX02	V54806-4810	15	23	
AABX03	V54811-4815	20	38	
AABX04	V54816-4820	6	15	
AABX05	V54821-4825	0	2	
AABX06	V54826-4830	14	25	
AABX07	V54831-4835	28	39	
AABX08	V54836-4840	1	5	
AABX09	V54841-4845	2	8	
AABX10	V54846-4850	26	47	
AABX11	V54851-4855	1	6	
AABX12	V54856-4860	2	3	
AABX13	V54861-4865	0	0	
AABX14	V54866-4870	1	2	
AABX15	V54871-4875	1	4	
AABX16	V54876-4880	6	10	
AABX17	V54881-4885	76	43	
AABX18	V54886-4890	0	0	
AABX19	V54891-4895	3	2	
AABX20	V54896-4900	1	3	
AABX21	V54901-4905	0	0	
AABX22	V54906-4910	0	0	
AABX23	V54911-4915	9	8	
AABX24	V54916-4920	5	6	
AABX25	V54921-4925	1	2	
AABX26	V54926-4930	13	21	
AABX27	V54931-4935	42	40	
AABX28	V54936-4940	3	6	
AABX29	V54941-4945	0	0	
AABX30	V54946-4950	1	1	
AABX31	V54951-4955	0	0	
AABX32	V54956-4960	829	266	—— Standard
AABX33	V54961-4965	2	6	
AABX34	V54966-4970	1	3	
AABX35	V54971-4975	9	17	
AABX36	V54976-4980	1	4	
AABX37	V54981-4985	1	5	
AABX38	V54986-4990	0	0	
AABX39	V54991-4995	0	0	
AABX40	V54996-5000	42	41	
AABY01	V55001-5005	14	33	
AABY02	V55006-5010	7	22	
AABY03	V55011-5015	0	0	
AABY04	V55016-5020	0	0	
AABY05	V55021-5025	11	18	
AABY06	V55026-5030	16	27	
AABY07	V55031-5035	263	193	—— Standard
AABY08	V55036-5040	0	0	
AABY09	V55041-5045	0	2	
AABY10	V55046-5050	1	3	
AABY11	V55051-5055	0	0	
AABY12	V55056-5060	0	0	
AABY13	V55061-5065	0	0	
AABY14	V55066-5070	0	1	
AABY15	V55071-5075	0	0	
AABY16	V55076-5080	0	0	
AABY17	V55081-5085	4	12	
AABY18	V55086-5090	0	1	
AABY19	V55091-5095	0	0	
AABY20	V55096-5100	15	43	
AABY21	V55101-5105	33	76	
AABY22	V55106-5110	0	0	

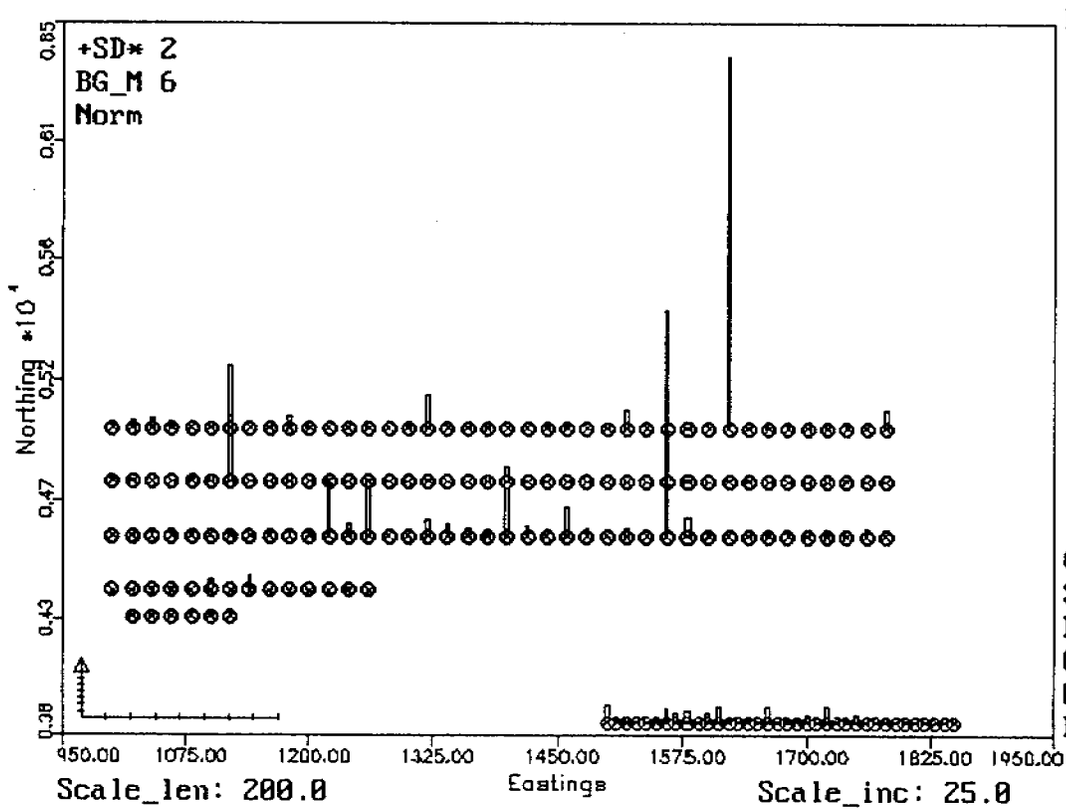
BONAPARTE BASIN GVP SURVEY
30 SEPTEMBER 1994
TEMPLATE: ABCD_DEF.012

Bonaparte Basin		SUM	COUNT	
AABY23	V55111-5115	0	0	
AABY24	V55116-5120	0	0	
AABY25	V55121-5125	0	0	
AABY26	V55126-5130	0	0	
AABY27	V55131-5135	0	2	
AABY28	V55136-5140	3	5	
AABY29	V55141-5145	0	0	
AABY30	V55146-5150	4	11	
AABY31	V55151-5155	1	2	
AABY32	V55156-5160	6	15	
AABY33	V55161-5165	6	14	
AABY34	V55166-5170	0	0	
AABY35	V55171-5175	0	0	
AABY36	V55176-5180	0	2	
AABY37	V55181-5185	0	1	
AABY38	V55186-5190	3	10	
AABY39	V55191-5195	0	0	
AABY40	V55196-5200	0	0	
AABZ01	V55201-5205	4	5	
AABZ02	V55206-5210	1	4	
AABZ03	V55211-5215	0	0	
AABZ04	V55216-5220	0	0	
AABZ05	V55221-5225	0	0	
AABZ06	V55226-5230	0	1	
AABZ07	V55231-5235	8	12	
AABZ08	V55236-5240	1	4	
AABZ09	V55241-5245	0	0	
AABZ10	V55246-5250	0	0	
AABZ11	V55251-5255	0	3	
AABZ12	V55256-5260	126	134	
AABZ13	V55261-5265	27	61	
AABZ14	V55266-5270	124	155	
AABZ15	V55271-5275	0	2	
AABZ16	V55276-5280	0	3	
AABZ17	V55281-5285	36	56	
AABZ18	V55286-5290	28	50	
AABZ19	V55291-5295	18	56	
AABZ20	V55296-5300	1	4	
AABZ21	V55301-5305	108	149	
AABZ22	V55306-5310	23	62	
AABZ23	V55311-5315	0	0	
AABZ24	V55316-5320	64	97	
AABZ25	V55321-5323	18	58	
AABZ26	V55324-5325	0	3	
AABZ27	V55326-5330	16	52	
AABZ28	V55331-5335	1	3	
AABZ29	V55336-5340	498	233	—— Standard
AABZ30	V55341-5345	43	93	
AABZ31	V55346-5350	0	2	
AABZ32	V55351-5355	0	1	
AABZ33	V55356-5360	1	6	
AABZ34	V55361-5365	5	15	
AABZ35	V55366-5370	0	0	
AABZ36	V55371-5375	3	10	
AABZ37	V55376-5380	8	30	
AABZ38	V55381-5385	1	7	
AABZ39	V55386-5390	17	48	
AABZ40	V55391-5395	0	0	
AACA01	V55396-5400	1	3	
AACA02	V55501-5505	0	2	
AACA03	V55506-5510	4	4	
AACA04	V55511-5515	5	14	

BONAPARTE BASIN GVP SURVEY
30 SEPTEMBER 1994
TEMPLATE: ABCD_DEF.012

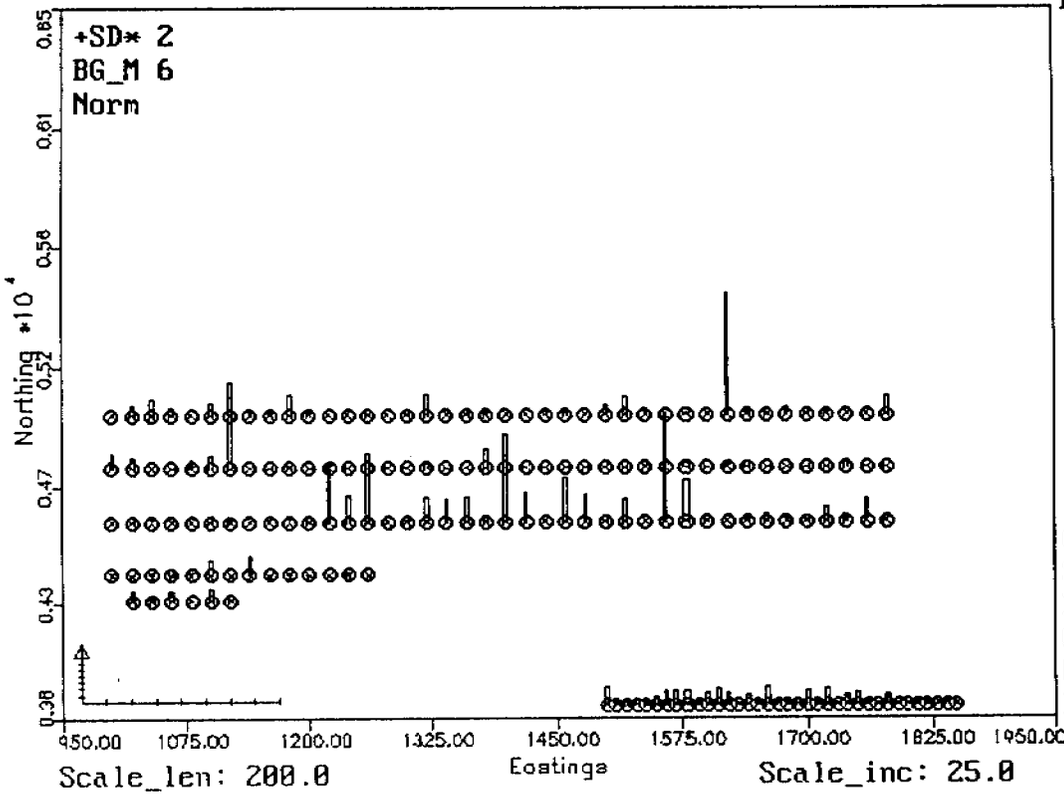
Bonaparte Basin		SUM	COUNT
AACA05	V55516-5520	1	3
AACA06	V55521-5525	23	33
AACA07	V55526-5530	0	0
AACA08	V55531-5535	35	44
AACA09	V55536-5540	0	1
AACA10	V55541-5545	2	6
AACA11	V55546-5550	0	1
AACA12	V55551-5555	0	0
AACA13	V55556-5560	3	5
AACA14	V55561-5565	0	0
Free Repeat Samples			
CA02A	AACA02	15	22
CA03A	AACA03	16	15
CA04A	AACA04	6	21
CA05A	AACA05	1	3
CA06A	AACA06	13	29
CA07A	AACA07	0	2
Sandy Creek Composite Samples			
	Number	36	36
	Mean	12	17
	Median	7	12
	Standard Deviation	12	13

Project : BONAPARTE BASIN GVP SURVEY - SANDY CREEK AREA
Plot showing relative SUM of anomalous ratios.
Max Sum: 828.72 AABX32, COUNT: 266 AABX32, SUM*COUNT: 0.2204E+06 AABX32
Using 558 of 558 RATIOS of Compounds. TS_1: 1.4852, TS_2: 0.4767
Comment: TEMPLATE: ABCD_DEF.012



Composite : 36
Survey .. : 140
Background: 140
Ore zone..: 0
Non-ore...: 0
Rotation: 0.0
Date: 30/09/94
Time: 10:27:39

Project : BONAPARTE BASIN GVP SURVEY - SANDY CREEK AREA
Plot showing relative COUNT of anomalous ratios.
Max Sum: 828.72 AABX32, COUNT: 266 AABX32, SUM*COUNT: 0.2204E+06 AABX32
Using 558 of 558 RATIOS of Compounds. TS_1: 1.4852, TS_2: 0.4767
Comment: TEMPLATE: ABCD_DEF.012



APPENDIX 5

DRILL LOGS

DELTA GOLD NL
ACN 002 527 899

DRILL LOG SUMMARY SHEET

SHEET 1 OF 6

PROJECT: BONAPARTE ZINC	PROPOSED :	Estimated collar parameters	Surveyed Collar
	LOGGED: SWV	E 521250	E
PROSPECT: SANDY CREEK	CONTRACTOR: WDD	N 8298150	N
	RIG: WARMAN 1000	Azimuth (grid) —	Azimuth (grid)
HOLE No: BZ-001	DATE START: 14/9/94	Azimuth (mag) —	Azimuth (mag)
	DATE FINISH: 17/9/94	Inclination Vert.	Inclination
HOLE TYPE: AIR CORE	DEPTH: 120.4 m	DEPTH OXID: 30m	RL
RC			Surveyed by
NQ DIAMOND			LAB GENALYSIS

PURPOSE: N–S growth fault; Clm / Clb_2 contact; upper Clb_2; possible northern extension of Sandy Creek mineralisation.

GROUNDWATER: 13 m. Water pressure too high to hammer below 90m

COMMENTS: Target criteria met. only tr Pb + bitumen observed (99m).

SUB No's	LAB No's
6862	
6863	

GEOLOGICAL SUMMARY

From (m)	To (m)	Geology
0	20.0	Transported sand / silt / ± clay / ± gravel overburden.
20.0	30.0	Weathered shale, silty shale. Clm
30.0	?88.0	Black shale / siltstone / ± sandst. Incr. dolomitic ± depth. Clm
?88.0	120.4	Clb_2. Arenac. dolomite. Subord dolarenite + silty dolomite. Breccias assoc. ± growth fault.

MINERALIZATION SUMMARY

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

STRUCTURAL SUMMARY

From (m)	To (m)	Remarks
92.7	96.2	Tectonic breccias. Arenac dolomite clasts in silty pyritic matrix. 94.5, 95.1, 20° c.a. pug fracts.
98.3	98.6	Contorted pug, gr-gn ?chloritic.
98.6	99.1	Breccia as 92.7–96.2m. Tr. bitumen + galena.

DELTA GOLD NL 521250 E
ACN 002 527 899 8298150 N

RC PERCUSSION DRILL LOG
SHEET 2 OF 6

HOLE No: BZ-001
PROSPECT: SANDY CREEK

From (m)	To (m)	GEOLOGY DESCRIPTION	GRAPHIC	Sample Number	From (m)	To (m)	ANALYTICAL RESULTS (values in ppm unless otherwise shown)
0	2	0-4m: Sand, silt. F.g lt bn transported silty sand. Minor rounded poorly sorted sandst. pebbles.		52601	0	2	
2	4			52602	2	4	
4	6	4-8 m: A.A. Incr. clay component (20%). Md bn 4-6m.		52603	4	6	52601/5
6	8			52604	6	8	
8	10	8-10 m: Sandy silt. F.g. lt bn transported medium. Subord (5%) c.g. sand.		52605	8	10	
10	12	10-12 m: Clayey sand ± sandst (impure) qtz sandst, gr-wh., 30% gn-gr clay content		52606	10	12	
12	14	12-20m: Sand/silt. F.g. lt bn loose. Clay content about 20%. Subord ferrug sandst pebbles + cobbles at 18m: Argillaceous cement, m.g. well rounded qtz grains. Transported medium, coarsening with depth. Water at 13m.		52607	12	14	52606/10
14	16			52608	14	16	
16	18			52609	16	18	52606/15
18	20	OVERBURDEN		52610	18	20	
20	22	20-30m: Shale/silty shale. Decomposed to clay. Pale yl-or weathered. Gr gn fragments (Clm)		52611	20	22	
22	24			52612	22	24	52612/16
24	26			52613	24	26	
26	28			52614	26	28	52612/20
28	30			52615	28	30	
30	32	30-32m: Shale. Md-dk gr + oxidised yl-or. Limit of exidation.	OXIDE / SULPHIDE	52616	30	32	
32	34	32-38 m: Shale. Md-dk gr. (Fresh). Weakly calcareous. (Clm)		52617	32	34	
34	36			52618	34	36	
36	38			52619	36	38	
38	40	38-51m: Siltst. ± silty shale interbeds. Lt-md gr. Tr py at 40-42m, rare brachiopod fragment. Moderately-str'ly calcareous. (Clm)		52620	38	40	
40	42			52621	40	42	
42	44			52622	42	44	
44	46			52623	44	46	
46	48			52624	46	48	
48				52625	48		
				52626			

DELTA GOLD NL 521250E
ACN 002 527 899 8298150N

RC PERCUSSION DRILL LOG

SHEET 3 OF 6

HOLE No: BZ-001

PROSPECT: SANDY CREEK

From (m)	To (m)	GEOLOGY DESCRIPTION	GRAPHIC
50		51-54 m: Dolomitic arenaceous siltst.	
	52	Md-gr ± buff-tan crystalline dolomite	
52		matrix. (Clm)	
	54		
54		54-58 m: Shale, md gr, silty, calcareous	
	56	and pyritic. 2% py 56-58 m.	
56		(Clm)	
	58		
58		58-72 m: Dolomitic siltst / sandst.	
	60	Lt-md gr. Increasingly arenaceous	
60		below 64m. Tr-1% py b/n 58-62m	
	62	Penetrative oxidation b/n 67-68m.	
62		(Clm)	
	64		
64			
	66		
66		Tr clear calcite, pure wh, well sorted	
	68	qtz sandst	
68		Tr py vnlet ± calc selve.	
	70		
70			
	72		
72		72-79 m: Shale, md gr-blk. Tr py	
	74	Mod calcar.	
74		(Clm)	
	76		
76		Subord. arenac. interbeds + siltst.	
	78	1% py	
78		79-88 m: Siltst, md gr, locally dolomitic	
	80	5-10% shale. Tr-1% py as fracture	
80		coatings.	
	82	(Clm)	
82			
	84		
84		30% shale	
	86		
86		10% shale, 10% sandst. Partial	
	88	oxidation.	
88		88-93 m: Shale, blk + 40% dol siltst/sandst	
	90	Tr-1% vn py. ± graphitic.	
90		(Clm / Clb_2)	
	92		
92		END RC 92.7m	
	94	START DIAMOND CORING.	
94			
	96		
96			
	98		
98			

Sample Number	From (m)	To (m)
52627	50	
		52
52628	52	
		54
52629	54	
		56
52630	56	
		58
52631	58	
		60
52632	60	
		62
52633	62	
		64
52634	64	
		66
52635	66	
		68
52636	68	
		70
52637	70	
		72
52638	72	
52639		74
52640	74	
		76
52641	76	
		78
52642	78	
		80
52643	80	
		82
52644	82	
		84
52645	84	
		86
52646	86	
		88
52647	88	
		90
52648	90	
		92
52649	92	
		94
	94	
		96
	96	
		98
	98	

Delta Gold N.L. **DIAMOND DRILL LOG** HOLE No.: BZ-001 PAGE 4 OF 6

GEOLOGY From (m)	To (m)	DESCRIPTION	GRAPHIC LOG	GEOCHEMISTRY (values in ppm unless otherwise shown) Sample #	From (m)	To (m)	CORE Rec%
92	93	92.7–96.2m: Tectonic breccia. Arenac.		52650	92.7		
93	94	dolomite clasts, mm–cm scale, lt gr, in				94	
94	95	md gr pyritic silty matrix. More		52651	94		
95	96	competent zones, 92.7–93.0, 93.4–94.0m				96	
96	97	fractured + mildly vuhgy. Open bk		52652	96		
97	98	? carbonac puggy fracts 94.5, 95.1m, 20° to				98	
98	99	core axis (fault). Interclast py exceeds 1–2%		52653	98		
99	100	at 93.2 and 94.3m		52654		100	
100	101	96.2–98.3m: Arenaceous dolomite, relatively		52655	100		
101	102	competent, esp 97–98m. Wispy gn–gr				102	
102	103	silty laminations (6) b/n 97–98m, 55° to core		52656	102		
103	104	axis.				104	
104	105	98.3–98.6m: Contorted gn–gr fault pug.		52657	104		
105	106	98.6–99.1m: Tectonic breccia as 92.7–96.2m.				106	
106	107	Minor bitumen in voids at 98.9m. Also at 98.9m,		52658	106		
107	108	one bleb of galena rimmed by pyrite.				108	
108	109	99.1–99.9m: Str'ly fractured arenac. dolomite		52659	108		
109	110	Tr galena at 99.35m. Common py in leached				110	
110	111	fracture voids. Tr bitumen, 99.8m.		52660	110		
111	112	99.9–103.7m: Arenac dolomite c gn–gr silty				112	
112	113	laminations (70° to core axis). Relatively competent		52661	112		
113	114	Subvert – 20° hairline fracts invariably pyritic.				114	
114	115	103.7–106.1m: Dolomitic arenite + interbedded		52662	114		
115	116	arenaceous dolomite. Str. subvert fract				116	
116	117	centred at 105.6m — no sulphides.		52663	116		
117	118	106.1–108.0m: Comp. arenac dolomite/dol. siltst.				118	80
118	119	common gn–gr silty laminations, 70° to core axis.		52664	118		
119	120	Interval terminates in 4cm gn puggy clay.				120	
120	120.4	108.0–110.8m: Primarily dolomitic arenite. Str'ly		52665	120	120.4	
	EOH	leached 10cm subunit at 108.6m c min. dissem py.					
		Open 10° fract centred at 110.5m, c drusy py vng.					
		110.8–112.3m: Silty dolomite + subord arenac					
		dolomite. Comm gr-gn ± (pyritic) silt laminations.					
		10° open fract at 111.9m, c min. py vng.					
		112.3–120.4m: Arenac. dolomite, lt gr, locally					
		str'ly fractured, esp 115.4–116.0, 116.6–117.6,					
		118.3–118.4 and 120.2–120.4m. Often gr-gn pyritic/					
		?chloritic silt in fracts. Percentile dissem py at					
		115.4m. Minor millimetric bands of py assoc c					
		rare stylo-fracts. Vuhgy at 114.5, 115.6, 116.7 and					
		120.2m, Slumped 15cm dolomitic siltst. interbed					
		centred at 120m.					
		EOH 120.4m.					

100% UNLESS OTHERWISE STATED

DELTA GOLD NL
ACN 002 527 899

DRILLHOLE SAMPLE RECORD

HOLE No BZ-001

SHEET 5 OF 6

SUB No

PROJECT NAME: BZP	DRILL WARMAN 1000	SAMPLER A.G.	DATE 14/9/94
PROJECT CODE: 799-001	TYPE: AIRCORE / RC	GEOLOGIST SWV	LAB GENALYSIS

SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	WIDTH (m)	SAMPLE TYPE	DUPLICATE SAMPLE No
01	0	2		AIR CORE	
02	2	4	10		
03	4	6			
04	6	8			
05	8	10			
06	10	12			
07	12	14	10		
08	14	16			
09	16	18			
10, 11	18	20			52611 = 52610
12	20	22			
13	22	24	10		
14	24	26			
15	26	28			
16	28	30			
52617	30	32	2		
52618	32	34			
52619	34	36			
52620	36	38			
52621	38	40			
52622	40	42			
52623	42	44			
52624	44	46			
52625	46	48			
52626	48	50			
52627	50	52			
52628	52	54		RC	
52629	54	56			
52630	56	58			
52631	58	60			
52632	60	62			
52633	62	64			
52634	64	66			
52635	66	68			
52636	68	70			
52637	70	72			
52638	72	74			
52639	72	74			52639 = 52638
52640	74	76			
52641	76	78			

52601/5
52606/10
52612/16
6863

COMMENTS

DELTA GOLD NL
ACN 002 527 899

DRILLHOLE SAMPLE RECORD

HOLE No BZ-001

SHEET 6 OF 6

SUB No

PROJECT NAME: BZP
PROJECT CODE: 799.001

DRILL WARMAN 1000
TYPE: RC / DIA

SAMPLER A.G.
GEOLOGIST SWV

DATE 23/9/94
LAB GENALYSIS

SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	WIDTH (m)	SAMPLE TYPE	DUPLICATE SAMPLE No
52642	78	80	2		
52643	80	82			
52644	82	84			
52645	84	86		RC	
52646	86	88			
52647	88	90			
52648	90	92			
52649	92	92.7			
52650	92.7	94			
52651	94	96			
52652	96	98			
52653	98	100			
52654	98	100			52654 = 52653
52655	100	102		FILLET	
52656	102	104			
52657	104	106			
52658	106	108			
52659	108	110			
52660	110	112		CORE	
52661	112	114			
52662	114	116			
52663	116	118			
52664	118	120			
52665	120	120.4	0.4		

6863
6862

COMMENTS

DELTA GOLD NL
ACN 002 527 899

DRILL LOG SUMMARY SHEET

SHEET 1 OF 4

PROJECT: BONAPARTE ZINC	PROPOSED :	Estimated collar parameters	Surveyed Collar
	LOGGED: SWV	E 521075	E
PROSPECT: SANDY CREEK	CONTRACTOR: WDD	N 8297700	N
	RIG: WARMAN 1000	Azimuth (grid) —	Azimuth (grid)
HOLE No: BZ-002	DATE START: 18/9/94	Azimuth (mag) —	Azimuth (mag)
	DATE FINISH: 19/9/94	Inclination Vert.	Inclination
HOLE TYPE: RC	DEPTH: 84m	DEPTH OXID: 34m	RL
		see summary log.	Surveyed by
			LAB GENALYSIS

PURPOSE: Possible northern extension of Sandy Creek mineralisation. Clm/Clb_2 contact.

GROUNDWATER: 12m, strong flow

COMMENTS:

SUB No's	LAB No's
6863	

GEOLOGICAL SUMMARY

From (m)	To (m)	Geology
0	25	Overburden: sand, silty clay, pebble gravels + calcrete.
25	34	Dolarenite (oxidised) ? Clb_2
34	42	Laminated siltstone (fresh). Non-calcar., non-dolomitic. Clm.
42	56	Dolarenite (fresh) ? Clb_2
56	84	Dolarenite, arenac. dolomite, virtually completely oxidised. Clb_2.

MINERALIZATION SUMMARY

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

STRUCTURAL SUMMARY

From (m)	To (m)	Remarks

DELTA GOLD NL 521075 E
ACN 002 527 899 8297700 N

RC PERCUSSION DRILL LOG
SHEET 1 OF 4

HOLE No: BZ-002
PROSPECT: SANDY CREEK

GEOLOGY			GRAPHIC	ANALYTICAL RESULTS (values in ppm unless otherwise shown)		
From (m)	To (m)	DESCRIPTION		Sample Number	From (m)	To (m)
0	2	0–12 m: Sand, or-bn, fine-md g, min c.g., mod. sorted and well rounded, silty, 0-2m, subord clay component esp 7-12 m. Minor 2° carbonate b/n 10-12 m. Transported overburden		52666	0	2
2	4				2	4
4	6				4	6
6	8				6	8
8	10				8	10
10	12	WATER AT 12 m.			10	12
12	14	12–16 m: Silty clay gn + bn il 2-5% calcrete b/n 12-14m. Transported.			12	14
14	16			52667	14	16
16	18	16–25 m: Gravel / sand. Fe-stnd siltst. + sandst pebble-gravels ± calcrete. Gn clayey subunits, e.g. 18-20 m, 24-25 m.			16	18
18	20	Basal transported medium.			18	20
20	22				20	22
22	24			52668	22	24
24	26	25–34 m: Dolarenite, f-m.g., md yl-or oxidised. ± lt-md gr (fresh) b/n 29-34m		52669	24	26
26	28	30% siltst b/n 28-34m.	II	52670	26	28
28	30		II	52671	28	30
30	32			52672	30	32
32	34	OXIDE	II	52673	32	34
34	36	34–42 m: Siltst ± shaley, SULPHIDE md gr. Millimetric laminations gr siltst / lt gr		52674	34	36
36	38	v.f.g. sandst b/n 38-40m. Tr py 40-42m		52675	36	38
38	40	Non-calcareous, non-dolomitic. Clm		52676	38	40
40	42			52677	40	42
42	44	42–56m: Dolarenite, lt gr f-m.g. poorly sorted qtz grains, dolomitic cement.	II	52678	42	44
44	46	Partial oxidation b/n 49-51m.	II	52679	44	46
46	48	Percentile pyrite 42-48m and 54-56m, otherwise trace. ?Clb_2	II	52680	46	48
48	50		II	52681	48	

DELTA GOLD NL 521075 E
ACN 002 527 899 8297700 N

RC PERCUSSION DRILL LOG

SHEET 3 OF 4

HOLE No: BZ-002
PROSPECT : SANDY CREEK

GEOLOGY

From (m)	To (m)	DESCRIPTION
50		
	52	
52		
	54	
54		
	56	SULPHIDE OXIDE !!
56		56-62 m: Dolarenite, gr-or, almost completely oxidised 56-58 and 60-62 m. Subord. Fe-stnd fragments probably after pyrite. ?Clb_2
	58	
58		
	60	
60		
	62	
62		62-84 m: Dolarenite + arenaceous dolomite subord dolomitic siltst. Dk yl-or, completely oxidised (except b/n 75-77 m — minor fresh siltst. 2% wh vn dolomite, 78-80 m and 82-84 m. 2-5% ferrug. fragments: 62-66 m, 68-70 m. Tr fresh py at 76-78 m and 82-84 m. Calcareous, 80-82 m. Clb_2
	64	
64		
	66	
66		
	68	
68		
	70	
70		
	72	
72		
	74	
74		
	76	
76		
	78	
78		
	80	
80		
	82	
82		
	84	EOH

GRAPHIC

ANALYTICAL RESULTS

(values in ppm unless otherwise shown)

Sample Number	From (m)	To (m)
52682	50	52
52683	52	54
52684	54	56
52685	56	58
52686	58	60
52687	60	62
52688	62	64
52689	64	66
52690	66	68
52691	68	70
52692	70	72
52693	72	74
52694	74	76
52695	76	78
52696	78	80
52697	80	82
52698	82	84
(52699)		

DELTA GOLD NL
ACN 002 527 899

DRILLHOLE SAMPLE RECORD

HOLE No BZ-002

SHEET 4 OF 4

SUB No

PROJECT NAME: BZP
PROJECT CODE: 799.001

DRILL WARMAN 1000
TYPE: (RC)

SAMPLER SWV
GEOLOGIST SWV

DATE 18/9/94
LAB GENALYSIS

SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	WIDTH (m)	SAMPLE TYPE	DUPLICATE SAMPLE No	
52666	0	10	10	RC		
52667	10	20	10			
52668	20	24	4			
52669	24	26	2			
52670	26	28	2			
52671	28	30	2			
52672	30	32				
52673	32	34				
52674	34	36				
52675	36	38				
52676	38	40				
52677	40	42				
52678	42	44				
52679	44	46				
52680	46	48				
52681	48	50				6863
52682	50	52				
52683	52	54				
52684	54	56				
52685	56	58				
52686	58	60				
52687	60	62				
52688	62	64				
52689	64	66				
52690	66	68				
52691	68	70				
52692	70	72				
52693	72	74				
52694	74	76				
52695	76	78				
52696	78	80				
52697	80	82				
52698	82	84				
52699	82	84			52699 = 52698	

COMMENTS

DELTA GOLD NL
ACN 002 527 899

DRILL LOG SUMMARY SHEET

PROJECT: BONAPARTE ZINC	PROPOSED :	Estimated collar parameters	Surveyed Collar
	LOGGED: SWV	E 520940	E
PROSPECT: SANDY CREEK	CONTRACTOR: WDD	N 8297600	N
	RIG: WARMAN 1000	Azimuth (grid) —	Azimuth (grid)
HOLE No: BZ-003	DATE START: 20/9/94	Azimuth (mag) —	Azimuth (mag)
	DATE FINISH: 20/9/94	Inclination Vert.	Inclination
HOLE TYPE: RC	DEPTH: 68.5m	DEPTH OXID: 30m	RL
		see summary log.	Surveyed by
			LAB GENALYSIS

PURPOSE: TEST FOR NORTHERN EXTENSION OF SANDY CREEK MINERALISATION, C_{1m} / C_{1b_2} CONTACT

GROUNDWATER: 16m, strong flow at and below 54m

COMMENTS: Lost collar, abandoned. Probably wrong side of fault anyway.

SUB No's	LAB No's
6863	

GEOLOGICAL SUMMARY

From (m)	To (m)	Geology
0	8	Sand. Transported overburden
8	26	Clay, calcrete, ± sandst. Oxidised C_{1m}
26	30	Silty wackestone. Partly oxidised C_{1m}
30	54	Shale, siltst ± arenac. dolomite ± dolarenite interbeds toward interval base. Tr sphalerite, 42-44m. Fresh rock. C_{1m}.
54	68.5	Arenaceous dolomite, dolarenite. Variably oxidised. C_{1b_2}.

MINERALIZATION SUMMARY

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

STRUCTURAL SUMMARY

From (m)	To (m)	Remarks

DELTA GOLD NL 520940 E
ACN 002 527 899 8297600 N

RC PERCUSSION DRILL LOG
SHEET 2 OF 4

HOLE No: BZ-003
PROSPECT: SANDY CREEK

From (m)	To (m)	GEOLOGY DESCRIPTION	GRAPHIC	ANALYTICAL RESULTS (values in ppm unless otherwise shown) Sample Number	From (m)	To (m)
0		0-8 m: Sand, lt yl bn, f.g. ± min c.g. b/n 2-4 m. Well rounded, well sorted. Transported overburden.	SAND		0	
	2					2
2					2	
	4					4
4				52700	4	
	6					6
6					6	
	8					8
8		8-26 m: Clay, calcrete ± sandst. Sticky bn-gn clays + gn-wh calcrete (str'ly calcar.) Subord. bleached (wh) sandst. + Fe-stnd siltst., 16-18 m, 20-24 m. Intense clay 22-26 m, str'ly calcar, 24-26 m, and moderately calcareous throughout.	CLAY + CALCRETE		8	
	10					10
10					10	
	12					12
12					12	
	14					14
14				52701	14	
	16					16
16					16	
	18					18
18					18	
	20					20
20					20	
	22					22
22				52702	22	
	24					24
24					24	
	26					26
26		26-30 m: Silty wackestone. Olive gr (partially oxidised) silty micrite Clm	W	52703	26	
	28					28
28			W	52704	28	
	30		OXIDE			30
30		30-38 m: Shale. Dk gr, calcar. Tr py, 32-34 m. Subord siltst, 36-38 m. Clm	SULPHIDE	52705	30	
	32					32
32				52706	32	
	34					34
34				52707	34	
	36					36
36				52708	36	
	38					38
38		38-42 m: Siltst, shaley + calcareous (the latter decreasing with depth). Dk gr. Tr py, 40-42 m. Clm		52709	38	
	40					40
40				52710	40	
	42					42
42				52711	42	
	44					44
44		42-54 m: Shale + arenac dolomite + dolarenite ± dol. siltst. Dolomite strongest at 44-46 m and 52-54 m, shale 46-51 m. Tr sphalerite + py 42-44 m in wh dol. vn. 2-3% py b/n 44-48 m, 50-52 m.		52712	44	
	46					46
46				52713	46	
	48					48
48				52714	48	
	50	Clm				

DELTA GOLD NL 520940 E
ACN 002 527 899 8297600 N

RC PERCUSSION DRILL LOG

SHEET 3 OF 4

HOLE No: BZ-003

PROSPECT : SANDY CREEK

GEOLOGY			GRAPHIC	ANALYTICAL RESULTS (values in ppm unless otherwise shown)		
From (m)	To (m)	DESCRIPTION		Sample Number	From (m)	To (m)
50				52715	50	
	52					52
52				52716	52	
	54					54
54		54-68.5m: Arenaceous dolomite /± dolarenite	⊕	52717	54	
	56	± silty dolomite, ± fossiliferous (crinoid stems),				56
56		yl-or + gr, partially oxidised (almost	⊕	52718	56	
	58	complete oxidation b/n 60-62m). Minor wh				58
58		dolomite vn material (e.g. 54-56m, 60-68 m).	⊕	52719	58	
	60	Dolomite xtalline + dense, 62-68.5m.				60
60		Tr galena? in pan concentrate, 66-68m.	⊕	52720	60	
	62	Clb_2				62
62			⊕	52721	62	
	64					64
64			⊕	52722	64	
	66					66
66				52723	66	
	68					68
68		EOH 68.5m		52724	68	
		Abandoned - losing too much air at collar.				

DELTA GOLD NL
ACN 002 527 899

DRILLHOLE SAMPLE RECORD

HOLE No BZ-003

SHEET 4 OF 4

PROJECT NAME: BZP	DRILL WARMAN -	SAMPLER A.G.	SUB No
PROJECT CODE: 799.001	TYPE: 1000	GEOLOGIST SWV	DATE 20/9/94
			LAB GENALYSIS

SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	WIDTH (m)	SAMPLE TYPE	DUPLICATE SAMPLE No	
52700	0	10	10	RC		
52701	10	20	10			
52702	20	26	6			
52703	26	28	2			
52704	28	30	2			
52705	30	32				
52706	32	34				
52707	34	36				
52708	36	38				
52709	38	40				
52710	40	42				
52711	42	44				
52712	44	46				
52713	46	48				
52714	48	50				
52715	50	52				
52716	52	54				
52717	54	56				
52718	56	58				
52719	58	60				
52720	60	62				
52721	62	64				
52722	64	66				
52723	66	68				
52724	68	68.5	0.5			

6863

COMMENTS

DELTA GOLD NL
ACN 002 527 899

DRILL LOG SUMMARY SHEET

SHEET 1 OF 3

PROJECT: BONAPARTE ZINC	PROPOSED :	Estimated collar parameters	Surveyed Collar
	LOGGED: SWV	E 520990 ·	E
PROSPECT: SANDY CREEK	CONTRACTOR: WDD	N 8297895	N
	RIG: WARMAN 1000	Azimuth (grid) —	Azimuth (grid)
HOLE No: BZ-004	DATE START: 21/9/94	Azimuth (mag) —	Azimuth (mag)
	DATE FINISH: 23/9/94	Inclination Vert.	Inclination
HOLE TYPE: RC	DEPTH: 48m	DEPTH OXID: 31	RL
	Abandoned.		Surveyed by
			LAB GENALYSIS

PURPOSE: TEST NORTHERN EXTENSION OF SANDY CREEK MINERALISATION, POSTULATED FAULT, Clm/Clb_2 CONTACT.

GROUNDWATER:

COMMENTS: Abandoned, caving from wash/shale contact.

SUB No's	LAB No's
6865	

GEOLOGICAL SUMMARY

From (m)	To (m)	Geology
0	31	Overburden: Sand, clay + calcrete, gravel.
31	49	Shale ± siltst., bk.

MINERALIZATION SUMMARY

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

STRUCTURAL SUMMARY

From (m)	To (m)	Remarks

DELTA GOLD NL 520990 E
ACN 002 527 899 8297895 N

RC PERCUSSION DRILL LOG
SHEET 2 OF 3

HOLE No: BZ-004
PROSPECT: SANDY CREEK

From (m)	To (m)	GEOLOGY DESCRIPTION	GRAPHIC
0	2	0-10 m: Sand, lt or-bn, f-md.g. rarely c.g., well sorted + rounded. Slight incr. in clay component toward	SAND
2	4	interval base. Transported medium.	
4	6		
6	8		
8	10		
10	12	10-22 m: Clay ± calcrete ± sand/sandst. Gn-bn sticky clay + subord. wh-gn	CLAY + CALCRETE
12	14	calcrete. Minor lt bn sand + sandst pebbles. Transported medium.	
14	16		
16	18		
18	20		
20	22	WATER	
22	24	22-24 m: Gravel / clay. Well rounded river gravels: sandst, siltst + qtz; sticky clay. Transported medium.	GRAVEL + SAND
24	26	24-26 m: Clay, gn-bn, sticky	
26	28	26-31 m: Sand / gravel. Lt bn v.c.g. + v. well rounded sand ± pebbles. Transported medium.	
28	30		
30	32	OXIDE	
32	34	31-48 m: Shale ± siltstone. SULPHIDE Bk calcareous silty shale ± interbedded siltstone, esp. 46-48m. Tr py 42-48m.	
34	36		
36	38		
38	40		
40	42		
42	44		
44	46		
46	48		
48	50	Abandoned at 48m (hammer bogged, running sand).	

Sample Number	From (m)	To (m)
	0	2
	2	4
52725	4	6
	6	8
	8	10
52726	10	12
	12	14
	14	16
	16	18
	18	20
	20	22
52727	22	24
	24	26
	26	28
	28	30
52728	30	32
52729	32	34
52730	34	36
52731	36	38
52732	38	40
52733	40	42
52734	42	44
52735	44	46
52736	46	48
	48	

ANALYTICAL RESULTS
(values in ppm unless otherwise shown)

DELTA GOLD NL
ACN 002 527 899

DRILLHOLE SAMPLE RECORD

HOLE No BZ-004

SHEET 3 OF 3

SUB No

PROJECT NAME: BZP	DRILL WARMAN	SAMPLER	DATE 26/9/94
PROJECT CODE: 799-001	TYPE: 1000	GEOLOGIST SWV	LAB GENALYSIS

SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	WIDTH (m)	SAMPLE TYPE	DUPLICATE SAMPLE No	
52725	0	10	10	RC		6865
52726	10	20	10	drill chips		
52727	20	30	10			
52728	30	32	2			
52729	32	34	2			
52730	34	36				
52731	36	38				
52732	38	40				
52733	40	42				
52734	42	44				
52735	44	46				
52736	46	48				

COMMENTS HOLE ABANDONED AT 48m.

DELTA GOLD NL
ACN 002 627 899

DRILL LOG SUMMARY SHEET

SHEET 1 OF 4

PROJECT: BONAPARTE ZINC	PROPOSED :	Estimated collar parameters	Surveyed Collar
	LOGGED: SWV	E 520975	E
PROSPECT: SANDY CREEK	CONTRACTOR: WDD	N 8297910	N
	RIG: WARMAN - 1000	Azimuth (grid)	Azimuth (grid)
HOLE No: BZ-004A.	DATE START: 23/9/94	Azimuth (mag)	Azimuth (mag)
	DATE FINISH: 2/10/94	Inclination Vert.	Inclination
HOLE TYPE: DIA	DEPTH: 117.5m	DEPTH OXID: 31m	RL
Precollar 48m			Surveyed by
			LAB GENALYSIS

PURPOSE: To test for N extension of Sandy Creek mineralisation.

SUB No's: 6867 | LAB No's:

GROUNDWATER: Str at overburden contact (31m).

COMMENTS: Didn't complete objective. Difficulties ∈ delivery of water to drill site — water truck dry bogged in loose sand.

GEOLOGICAL SUMMARY

From (m)	To (m)	Geology
0	31	Overburden, river wash + sands.
31	83	Shale / siltst, calcareous Clm.
83	101.8	Dolomitic siltst, silty dolomite (laminated) + arenac dol interbeds Clb
101.8	117.5	Arenac + crinoidal dolomite Clb_2.

MINERALIZATION SUMMARY

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

STRUCTURAL SUMMARY

From (m)	To (m)	Remarks

Delta Gold N.L. DIAMOND DRILL LOG HOLE No.: BZ-4A PAGE 2 OF 4

GEOLOGY From (m)	To (m)	DESCRIPTION	GRAPHIC LOG	GEOCHEMISTRY (values in ppm unless otherwise shown) Sample #	From (m)	To (m)	CORE Rec%
0	48	Precollar. Base of river wash 32m Dk-gr bk shale ± siltst 32-48m. (Clm).					
48		47.6-57.7m: Shale, dk gr-bk fissile		52737	47	6	
	50	and calcareous. Abundant bedding partings,				50	
50		75°-80° relative to core axis but steepening		52738	50		
	52	as fault at interval base (56.7-57.7m) is				52	
52		approached. 2 x cm-dm scale silty packst		52739	52		
	54	interbeds. Silt lined subvert fault fracts ±				54	
54		some rounding of silty wackest / packst		52740	54		
	56	clasts. Calcite ± rare py vng in main fracts				56	
56		+ assoc oblique hairline fracts. 5cm py in		52741	56		
	58	bedding fract (40°) at 56.4m.				58	
58		57.7-65.0m: Shale/siltst, dk gr-bk		52742	58		
	60	fissile + calcareous ± mm-dm scale				60	
60		silty, arenaceous packst interbeds. Subunit		52743	60		
	62	b/n 60.4-62.3m primarily bk shale. Bedding				62	
62		75° to core axis. Irreg hairline calc vnd		52744	62		
	64	fracts at 65.8m. Occ argillaceous boudinaged				64	
64		cm scale nodules.		52745	64		
	66	65.0-76.6m: Siltst, calcar., finely				66	
66		laminated, shaley, md gr. 1cm wide calc		52746	66		
	68	vnd fract (35°) at 71m, 2 x 15° calc lined				68	
68		mm fracts b/n 73.5-74.5m.		52747	68		
	70					70	
70				52748	70		
	72					72	
72				52749	72		
	74					74	
74				52750	74		
	76					76	
76		76.6-83.0m: Shaley siltst as above but ±		52751	76		
	78	2 x calcarenite subunits: 76.6-77.3m,				78	
78		79.7-80.2m. Calcarenite subunits have well		52752	78		
	80	rounded, well sorted m.g. qtz grains (±				80	
80		siltst fragments set in lt bn carbonate		52753	80		
	82	cement. Matrix supported. Calcite healed				82	
82		subvert fracts (2) in calcarenite, 76.6-	⊕	52754	82		
	84	77.3m. Interval terminates in irregular 30°				84	
84		fracture filled ± calcar fossiliferous debris	⊕	52755	84		
	86	83.0-84.9m: Dolomitic siltst, bedd 75°,				86	
86		numerous bedd fracts. Str subvert. fracts at		52756	86		
	88	82.2-82.4m and 83.8-84m. Pyrite vnd.				88	

Delta Gold N.L. **DIAMOND DRILL LOG** HOLE No.: BZ-4A PAGE 3 OF 4

GEOLOGY From (m)	To (m)	DESCRIPTION	GRAPHIC LOG	GEOCHEMISTRY (values in ppm unless otherwise shown) Sample w	From (m)	To (m)	CORE Rec%
88		84.9 – 89.0m: Laminated silty dolomite (85 – 85.8m)					
	90	+ arenac. dolomite (85.8 – 89m), ± occ crinoid debris.					
90		Localised fracturing: irreg. open fracts ± drusy py					
	92	(e.g. 87.5m, 5°) and/or hairline network fracts					
92		(e.g. 85m, silt ± py, and 88.1m – leached and wh dol					
	94	healed). Interval terminates in 10cm bk dolomitic					
94		shale subunit that contains ½cm galena blebs.					
	96	89 – 94.1m: Bk + lt gr laminated dolomitised shaley					
96		siltst ± regular cm – dm scale invariably fractured					
	98	lt gr arenac. and moderately crinoidal dolomite					
98		interbeds. From 92.5 – 94.1, one cycle of dolomite					
	100	as described. ± str 30° to subvert open and/or					
100		wh dolomite healed fracts. Leached zones in and adj.					
	102	to fracts often contain wh xtalline dol + py. At 92m,					
102		open fract ± py ± galena and wh dol healed fract					
	104	+ ½cm scale galena. Bitumen at 92.5m.					
104		94.1 – 101.8m: Dominantly dk gr + lt gr finely					
	106	laminated (bedd 75°) completely dol'tised shale/siltst.					
106		+ dm scale lt gr arenac. dolomite interbeds.					
	108	Subvert fracturing is comm. in the more competent					
108		(arenac. dol) subunits, eg. 94.2 – 94.7m, 95.3 – 95.6m,					
	110	96.5m, 96.7m, 99.1m. 6cm displ on fract at 95.5m,					
110		and fault bx at 95.65m. (calc + py vnd). Bedd					
	112	fracts (75°) comm in the less competent (shaley)					
112		subunits. Wh dol + py is the most prominent					
	114	fracture vn material (fracts not always vnd).					
114		101.8 – 117.5m: Lt gr xtalline arenac, locally					
	116	fossilif dolomite ± subord silty dol interbeds where					
116		whispy silty laminae become more prominent (e.g.		52771			
	117.5	111 – 113.4m. Crinoidal debris comm. where indicated		(52772)			
	EOH	graphically. Also minor gastropods. Comm. irreg.					
		30° to subvert. fracts ± subord leaching in and					
		adj. to fracts (esp. in more fossilif zones: 104.4m,					
		108 – 108.2m). Veining is commonly wh xtalline dol					
		(? saddle dolomite) which predates py and rare					
		galena (at 116.75m). 5cm massive py centred					
		at 103.65m. Bitumen in voids at 109m and 114m.					
		Hole Abandoned at 117.5m due to water					
		access problems. (Sandy Creek "renamed"					
		by drillers: Arenaceous Creek.)					

DELTA GOLD NL
ACN 002 527 899

DRILLHOLE SAMPLE RECORD

HOLE No BZ-004A
SHEET 4 OF 4
SUB No

PROJECT NAME: BZP
PROJECT CODE: 749
DRILL WARMAN
TYPE: 1000
SAMPLER A.G.
GEOLOGIST SWV
DATE 6/10/94
LAB GENALYSIS

SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	WIDTH (m)	SAMPLE TYPE	DUPLICATE SAMPLE No	
52737	47.6	50	2.4	FILLET		
52738	50	52	2			
52739	52	54	2			
52740	54	56	2			
52741	56	58		CORE		
52742	58	60				
52743	60	62				
52744	62	64				
52745	64	66				
52746	66	68				
52747	68	70				
52748	70	72				
52749	72	74				
52750	74	76				
52751	76	78		DIAMOND		
52752	78	80				
52753	80	82				
52754	82	84				52867
52755	84	86				
52756	86	88				
52757	88	90				
52758	90	92				
52759	92	94				
52760	94	96				
52761	96	98				
52762	98	100				
52763	100	102				
52764	102	104				
52765	104	106				
52766	106	108				
52767	108	110				
52768	110	112				
52769	112	114				
52770	114	116	V			
52771	116	117.5	1.5			
52772	116	117.5	1.5	V	52772=52771	V

COMMENTS

APPENDIX 6

BASELINE SURVEY DETAILS

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

Our Ref: D1008-NT/4

20 July 1994

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

Attention: Mr David Gerlatly

Dear Sir

LEGUNE BASELINE SURVEY

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

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

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

Yours sincerely

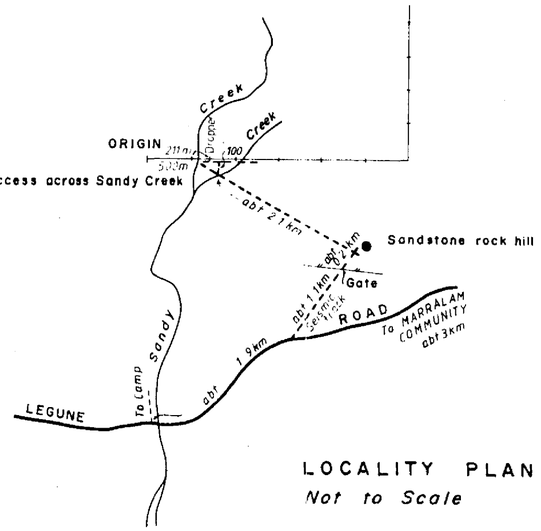
WARREN F JOHNSON & CO

MVA:lm/6068

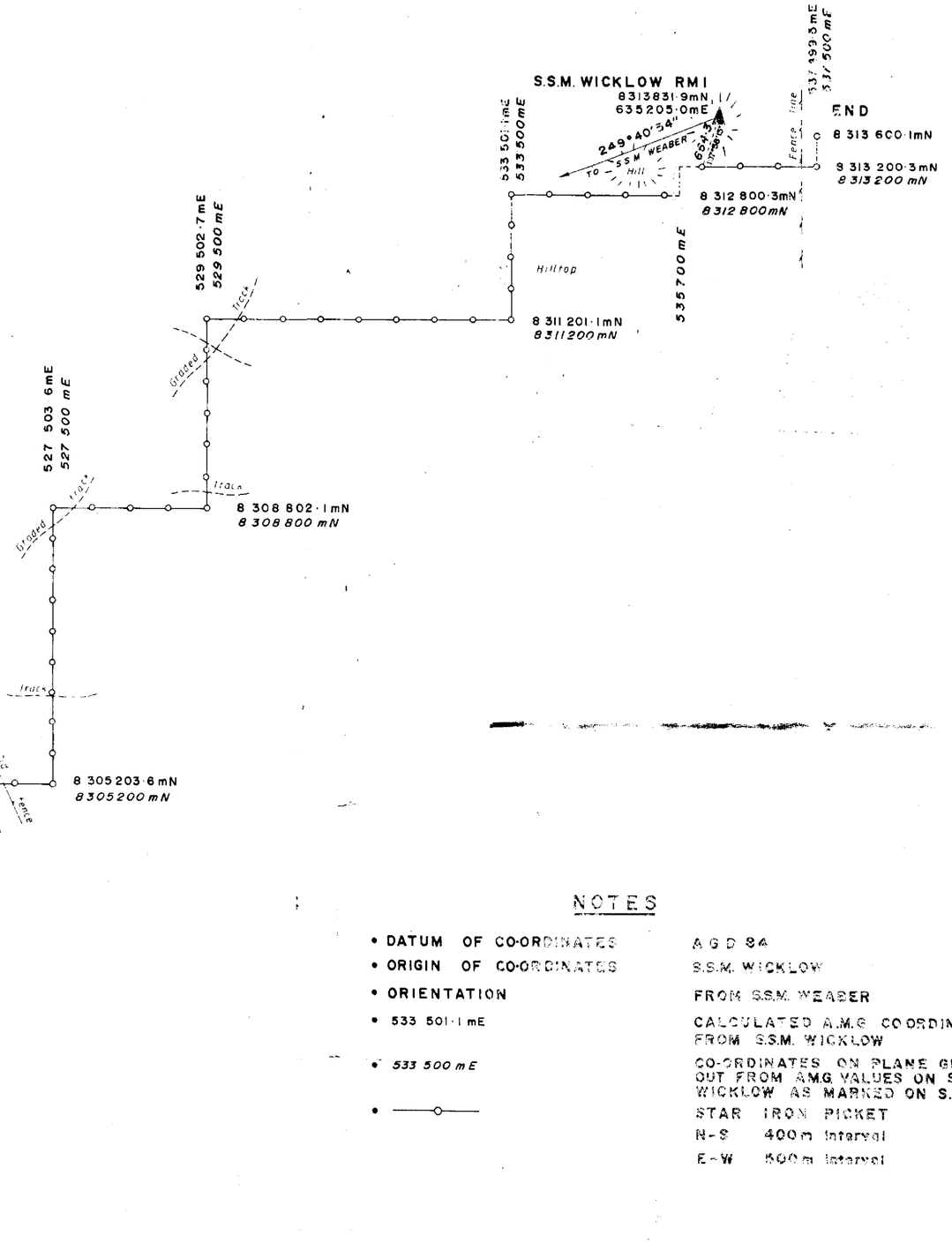
Encl: 2 x Plan B1396

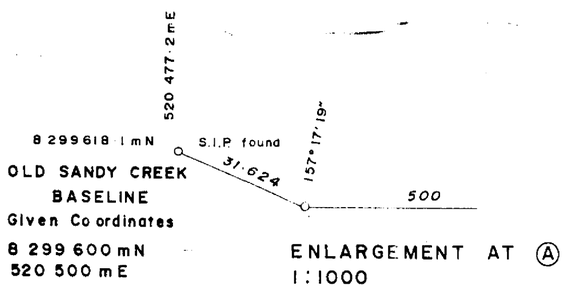
* we did not look for.

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



LOCALITY PLAN
Not to Scale





ENLARGEMENT AT Ⓐ
1:1000

NOTES

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

APPENDIX 6

LEGUNE-NORTHERN TERRITORY BASELINE SURVEY

PREPARED FOR
DELTA GOLD

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

SCALE 1:50000	DRAWN T. CLARK	CHECKED ✓	PLAN Nº B1396
DATE 19·7·94	COMPUTED	APPROVED	REV
	REF Nº D100S NT/4		

520000 mE

522500 mE

525000 mE

527500 mE

8307500 mN

8305000 mN

8302500 mN

8300000 mN

8297500 mN

8295000 mN

8292500 mN

8290000 mN

8287500 mN

8285000 mN

EL6969

SYMBOL LEGEND

+ Individual Soils

× Composite Soils

Sample #

\+ Zn Pb

WILGA MINES N.L.

SANDY CREEK EL6969

SOIL SAMPLES

Zn & Pb ASSAYS

Scale	DATE	SHEET
1: 15000	07/10/94	1 of 1
	REF No. DG000933	
	Plotted with MICROMINE	