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MICROFILMED

MINES	
File Ref.	<i>EL46/88</i>
- 1 MAR 1990	
Doc. Ref.	
Action Officer	Initials
<i>LETTER</i>	
<i>21. 2. 90</i>	
<i>REFERS</i>	
Resubmit to	Date

BILLITON AUSTRALIA
 THE METALS DIVISION OF
 THE SHELL COMPANY OF AUSTRALIA LIMITED
 E.L. 46/88 - WARATAH
 Exploration Relinquishment Report

OPEN FILE

Author : J.P. Randell

Report No : 08.4941

Date : 16th February 1990

Copy No : |

- Distribution :
1. Dept. of Mines, Hobart
 2. Billiton, Melbourne
 3. Billiton, Devonport

DEPARTMENT OF MINES - TASMANIA
 MINERAL INDUSTRY UNPUBLISHED REPORT
DATA SHEET

REPORT NUMBER TCR _____

 CF RF OF

 AUTHOR(S): J. Randell

 DATE: Jan 90

 TITLE: EL 46/88 WARRATAH
Exploration Relinquishment Report

 COMPANY(S): Billiton Australia

 FORMAT: No. of Volumes: 1 Structure: 1 F16 1 APPENDIX

 COMPANY REF. (if any): 08.

 LICENCE / LEASE: EL 46/88

 LOCALITY: SK55- 1 2 3 4 5 6 7 8

 Map sheet: BURNIE

 Geographic: MT. BISCHOFF
 (not in title)

MAPPING - GEOLOGICAL
 Surface - scale:

 Mine/Underground

DRILLING
 Diamond
 Percussion
 Auger

 Logs
 Analysis
 Metallic Minerals
 Non-metallic Minerals

GEOPHYSICS
GND/AIR
 Magnetic
 Electromagnetic
 Radiometric
 A.P. S.P. E.P.
 E.I.P./M.I.P Resist.
 Gravity
 Seismic - Refraction
 Seismic - Reflection

 On-shore Off-shore

 Well-logging

GEOCHEMISTRY
 Stream Sediment

 Soil: _____

 Rock - chip

 Gossan

 Water: _____

 Biogeochemistry

 Cu Pb Zn
 Sn W Mo

 Rock: Maj. Tr.

 PETROLOGY

 ORE GENESIS

 ORE RESERVES

 FEASIBILITY STUDY

 MINERAL PROCESSING

 MINING

 ENVIRONMENT

 ENGINEER. GEOLOGY

 INDUST. MINERALS

 CONSTRUCT. MAT.

 FUELS: _____

 MINERALS: Tin

 MINE / DEPOSIT NAME(S): Mt. Bischoff

 OTHER KEYWORDS: UTEM, Magnetism

 ANNOTATION: Dullery of a combined UTEM - magnetic target failed to locate economic mineralization. The anomalies are interpreted to be due to the Tertiary basalt and no further work is recommended.

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1. SUMMARY
2. EXPLORATION RESULTS
 - 2.1 Diamond Drilling
3. CONCLUSIONS
4. RECOMMENDATIONS

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1. Diamond Drill Section Stonedam Creek WD 89-1

LIST OF APPENDICES

1. Geological Log WD 89-1 (assay results included)

1. INTRODUCTION

This report details the exploration results obtained by Billiton Australia subsequent to the first year of tenure of EL 46/88. The reader should refer to Report No. 08.4179 "Progress Report on Exploration to 23rd December 1989" for details of results leading up to the first anniversary of the licence.

This is a final report for the licence which has been recommended for relinquishment.

2. EXPLORATION RESULTS

The initial exploration phase results have been documented separately in Billiton Report 08.4179. The only outstanding exploration results are:

2.1 Diamond Drilling

Diamond drill hole, WD 89-1, was collared to test the source of a combined UTEM-ground magnetic anomaly located at the base of a Tertiary basalt plateau. Extensive geophysical interpretation suggested that the anomalies are not due to a Tertiary basalt response and that their character was not inconsistent with a massive sulphide source.

Details of the drill hole are as follows:

Collar : 411235N 378535 (see Fig. 1)
Dip : 55°
Azimuth : 228° Mag
Depth : 223m

Geol. log : 0- 86.5 Tertiary basalt.
86.5-223m Chaotic assemblage of fine silt-
stones, sandstones and pebble
conglomerate. No obvious calcareous
units.

A detailed log is presented in Appendix 1, together with assay results of chip sampling. No anomalous geochemistry was detected.

No visible UTEM or magnetic source is apparent.

3. CONCLUSIONS

In the absence of down hole EM, the source of the EM response is assumed to be a result of differential weathering within the basalt flows. The magnetic source is most probably due to the Tertiary basalt which even in ground traversing shows major susceptibility ranges.

4. RECOMMENDATIONS

Evaluation of the Stonedam Creek anomaly was the main objective of the exploration programme within EL 46/88. As the anomalies have been satisfactorily explained beyond reasonable doubt not to be due to mineralization, it is recommended that no further exploration be carried out at Stone Dam Creek.

008

APPENDIX 1

519008

ANALABS

A division of MacDonald Hamilton & Co. Pty. Ltd.
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Telex AA92560

ANALYTICAL REPORT No. 204.0.08.0672B

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

The Shell Company of Australia
 Metals Division
 P.O. Box 860
 Devonport Tasmania 7310

ORDER No.	PROJECT
11715	LD13
DATE RECEIVED	RESULTS REQUIRED
12/12/89	ASAP

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
3	04/01/89	1	69

DATE OF SAMPLES	SAMPLE NUMBERS	PRE-TREATMENT							ANALYSIS				
		DRY	CRUSH	SPLIT	PULVERISE	SIEVE	OTHER SEE REMARKS	NONE	REFER TO ANALYSIS SECTION	PREPARATION	METHOD		
	117,168,301/320,553/600	DC					004,010,011,012,013,016				Cu, Pb, Zn, Ag/101		
	117,168,301/320,553/600	DC									Au, AuChk/309		
	117,168,301/320,553/600	DC									Sn, W/401		

RESULTS TO RESULTS TO

The Shell Company of Australia
 Metals Division
 P.O. Box 860
 Devonport Tasmania 7310

REMARKS
 WD 89-1
 CORE

STATE OF SAMPLES	ANALYSIS — PREPARATION	ANALYSIS — METHOD
whole core WC	perchloric acid A1	atomic absorption AAS
split core SC	hydrochloric acid A2	x-ray fluorescence XRF
clay CU	nitric acid A3	spectrophotometry SPEC
rock RO	aqua regia A4	colorimetry COL
soil SO	nitric-perchloric A5	chromatography CHR
pulp PU	HF mixture A6	titration TTN
water WA	HF under pressure A7	other chemicals means CHEM
sludge TI	fusion A8	miscellaneous MISC
slam sediment SS		fluorescence FLUOR
heavy mineral HM		inductively coupled plasma ICP

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519009

ANALYTICAL DATA

SAMPLE PREFIX

REPORT NUMBER

REPORT DATE

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04/01/89

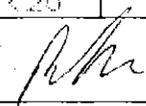
11715

1 OF 3

TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Au	AuChk	Sn	W	
1	7168	40	30	100	<0.5	<0.008	<0.008	6	<20	
2	7301	70	<5	155	<0.5	<0.008	-	7	<20	
3	7302	45	5	140	<0.5	<0.008	-	<3	<20	
4	7303	70	10	100	<0.5	<0.008	-	7	<20	
5	7304	60	10	45	<0.5	<0.008	-	4	<20	
6	7305	50	15	60	<0.5	<0.008	-	6	<20	
7	7306	100	15	60	<0.5	<0.008	-	10	<20	
8	7307	15	40	80	<0.5	<0.008	-	10	<20	
9	7308	20	10	150	<0.5	<0.008	-	4	<20	
10	7309	50	<5	110	<0.5	<0.008	-	7	<20	
11	7310	50	10	70	<0.5	<0.008	-	6	<20	
12	7311	55	30	55	<0.5	<0.008	-	7	<20	
13	7312	60	90	55	2.0	<0.008	-	8	<20	
14	7313	10	<5	55	<0.5	<0.008	-	6	<20	
15	7314	10	<5	50	<0.5	<0.008	-	3	<20	
16	7315	10	<5	50	<0.5	<0.008	-	8	<20	
17	7316	5	5	50	0.5	<0.008	<0.008	6	<20	
18	7317	5	5	50	<0.5	<0.008	-	8	<20	
19	7318	20	10	50	<0.5	<0.008	-	<3	<20	
20	7319	30	5	55	<0.5	<0.008	-	<3	<20	
21	7320	60	15	50	<0.5	<0.008	-	<3	<20	
22	7553	10	10	75	<0.5	0.009	-	5	<20	
23	7554	15	10	60	<0.5	<0.008	-	8	<20	
24	7555	55	<5	65	<0.5	<0.008	-	<3	<20	
25	7556	60	<5	40	<0.5	<0.008	-	15	<20	

Results in ppm unless otherwise specified
 T = element present, but concentration too low to measure
 X = element concentration is below detection limit
 - = element not determined

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ANALYTICAL DATA

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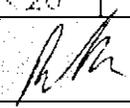
11715

2 OF 3

TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Au	AuChk	Sn	W	
1	17557	20	<5	40	<0.5	<0.008	-	<3	<20	
2	17558	100	10	40	<0.5	<0.008	-	6	<20	
3	17559	95	20	55	<0.5	<0.008	-	7	<20	
4	17560	200	5	120	<0.5	<0.008	-	7	<20	
5	17561	65	10	85	<0.5	<0.008	-	10	<20	
6	17562	90	20	70	<0.5	<0.008	-	8	<20	
7	17563	10	<5	50	<0.5	<0.008	-	5	<20	
8	17564	10	<5	40	<0.5	<0.008	-	7	<20	
9	17565	15	5	40	<0.5	<0.008	-	10	<20	
10	17566	20	5	40	<0.5	<0.008	<0.008	10	<20	
11	17567	10	<5	30	<0.5	<0.008	-	15	<20	
12	17568	10	<5	45	<0.5	<0.008	-	6	<20	
13	17569	10	10	45	<0.5	<0.008	-	4	<20	
14	17570	10	5	40	<0.5	<0.008	-	9	<20	
15	17571	10	<5	40	<0.5	<0.008	-	7	<20	
16	17572	20	<5	50	<0.5	<0.008	-	7	<20	
17	17573	50	<5	45	<0.5	<0.008	-	<3	<20	
18	17574	55	5	40	<0.5	<0.008	-	4	<20	
19	17575	20	5	50	<0.5	<0.008	-	8	<20	
20	17576	20	<5	45	<0.5	<0.008	-	<3	<20	
21	17577	55	<5	75	<0.5	<0.008	-	9	<20	
22	17578	35	<5	70	<0.5	<0.008	-	<3	<20	
23	17579	30	<5	40	<0.5	<0.008	-	9	<20	
24	17580	20	<5	55	<0.5	<0.008	-	9	<20	
25	17581	100	<5	50	<0.5	<0.008	-	6	<20	

Results in ppm unless otherwise specified
 T = element present, but concentration too low to measure
 X = element concentration is below detection limit
 - = element not determined

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ANALYTICAL DATA

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3 OF 3

TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Au	AuChk	Sn	W	
1	7582	30	5	70	<0.5	<0.008	<0.008	5	<20	
2	7583	50	<5	70	<0.5	<0.008	-	10	<20	
3	7584	110	<5	95	<0.5	<0.008	-	10	<20	
4	7585	110	10	110	<0.5	<0.008	-	5	<20	
5	7586	155	10	45	1.0	<0.008	-	10	<20	
6	7587	50	5	40	0.5	<0.008	-	4	<20	
7	7588	25	<5	50	<0.5	<0.008	-	5	<20	
8	7589	15	<5	40	<0.5	<0.008	-	7	<20	
9	7590	20	<5	60	<0.5	<0.008	-	9	<20	
10	7591	30	<5	45	<0.5	<0.008	-	5	<20	
11	7592	75	<5	40	<0.5	<0.008	-	6	<20	
12	7593	110	<5	40	<0.5	<0.008	-	4	<20	
13	7594	110	<5	50	<0.5	<0.008	-	9	<20	
14	7595	40	<5	40	<0.5	<0.008	-	10	<20	
15	7596	15	<5	40	<0.5	<0.008	-	10	<20	
16	7597	50	20	70	<0.5	<0.008	-	5	<20	
17	7598	30	170	845	1.0	<0.008	-	6	<20	
18	7599	35	<5	75	<0.5	<0.008	-	<3	<20	
19	7600	75	<5	120	<0.5	<0.008	-	3	<20	
20										
21										
22										
23	DETECTION	5	5	5	0.5	0.008	0.008	3	20	
24	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
25	METHOD	101	101	101	101	309	309	401	401	

Results in ppm unless otherwise specified
 T = element present; but concentration too low to measure
 X = element concentration is below detection limit
 - = element not determined

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011

DRILL LOG SHEET

HEADING SHEET

COLLAR INFORMATION	DATA TYPE	COLLAR CO-ORDINATES				COLLAR SURVEY			HOLE NAME	TOTAL DEPTH	HOLE TYPE	DESC CODE	REMARKS
		EASTING	NORTHING	ELEVATION	AZIMUTH	DIP							
1	4 7	14 10	22 13	20 31	22 8	55	WD89-1	223					

SURVEY INFORMATION	DISTANCE FROM COLLAR		AZIMUTH	DIP	REMARKS
	TO TOP	TO BOTTOM			
	0		228	55	
	50		230	54	
	100		227	55	
	160		229	54	
	200		229	55	

PLOTING KEY							
SYMBOL		INTERVAL		SYMBOL		INTERVAL	
DPS. CODE	G/LOG	FROM	TO	DPS. CODE	G/LOG	FROM	TO

PROJECT	WARATAH	HOLE NAME	WD 89-1		
LOGGED BY	J. RANDELL	TOTAL DEPTH	223m		
CONTRACTOR	DIAMOND DRILLING TRS	RIG	LY38		
CREW	K. HOW	DATE STARTED	22/11		
		FINISHED	1/12/89		
CORE STORAGE		SAMPLE STORAGE			
DEVONPORT		DEVONPORT			
M & P LAB		ASSAY LAB			
DESC.	SIZE	FROM	TO	TOTAL	REMARKS
NON CORE	0	1.0	1.0		
CORE	HQ	1.0	35.9	34.9	
	NO	35.9	223	187.1	
	BO				
CASING					
CASING LEFT	PVC	0	223	223	(S) steel (P) plastic

ASSAY INFORMATION	DISTANCE FROM COLLAR		AZIMUTH	DIP	REMARKS	SAMPLE NO	CORE ANGLE	ROCK TYPE	DIAM	DESC CODE	GRAPHIC LOG	DESCRIPTIVE LOG
	TO TOP	TO BOTTOM										

1.0 - 86.5 // MASSIVE FINE TO MEDIUM GRAINED VESICULAR BASALT

1.0 - 3.4. Fresh amygdaloidal, Mn-rich filling.

3.4 - 7.0. Brown strongly vesicular weathered basalt.

7.0 - 10.8. Massive fresh strongly amygdaloidal coarse vesicles.

10.8 - 19.9. Massive fine to medium grained equigranular fresh basalt.

19.9 - 22.3. Semi weathered strongly vesicular Mn-rich basalt, mod to strong broken con.

22.3 - 28.0. Amygdaloidal med. grained chlorite filled and crystal rich, massive quite fresh. Mod. broken 24.8 - 25.2m.

28.0 - 30.1. Mod. fresh, strongly Mn, intensely vesicular almost scoriaceous.

30.1 - 33.0. Massive equigranular crystalline, abundant Mn on fracture planes

33.0 - 34.2. Very strongly vesicular, coarse vesicles, abundant infilling.

34.2 - 38.6. Massive fresh equigranular, few thin carbonate veins.

DRILLING OBJECTIVES / SUMMARY

Test combined magnetic and UTEM source located 180m down hole and just west of Stormdam Creek.

REPORT REFERENCE :

SPLMET SYSTEM
METRIC
DECIMAL POINTS AS REQUIRED

012

The Shell Company of Australia Limited

METALS DIVISION

DRILL LOG SHEET

CONFIRMATION SHEET

PROJECT	WARATHA	HOLE NAME	WD 844
LOGGED BY	J. RANDELL	TOTAL DEPTH	

DISTANCE FROM COLLAR		Cu	Pb	Zn	Ag	Au	Sn	W	SAMPLE NO	CORE ANGLE	ROCK TYPE	DIA	DESC CODE	GRAPHIC LOG	DESCRIPTIVE LOG
TO TOP	TO BOTTOM														
															38.6-39.6. // Strongly vesicular, mod Mn.
															39.6-46.3. Massive fresh scale to moderately broken. Rare thin carbonaceous veinlets.
															46.3-48.4. Strongly vesicular green brown mod. fresh base.
															48.4-50.4. Generally massive crystalline equigranular, quite fresh.
															50.4-52.0. Mod. vesicular.
															52.0-52.9. Massive grey fresh nearly amygdaloidal.
															52.9-55.2. Strongly broken, mod. weathered sometimes vesicular.
															55.2-60.0. Very weathered to total weathered clay. Dark green - pink, strongly broken core and some chn. loss.
															60.0-64.3. Strong core loss. Dark green clays.
															64.3-67.7. Dark red clays.
															67.7-71.4. Dark green - orange - pink clays.
															71.4-76.2. Orange - brown green clay.
															76.2-85.3. Dark green - brown clays to very weathered basalt.
															85.3-85.5. Grey weathered graphitic sediments.
															85.5-86.5. Olive green weathered basalt clays.
															86.5-223.0 // MIXED SEQUENCE SILTSTONES - SHALES - SANDSTONES IN CHAOTIC ASSEMBLAGE.
															Mixed sequence brecciated black graphitic shale calcareous siltstone chloritic sandstone. Fairly massive units silt-sand with irreg. lather blobs f.g. grey black graphitic shale. Upper contact obscured.
															87.6-88.6 Strongly broken + graphitic
															96.0-105.6 Strongly broken core conglomeratic assemblage pebble size sandstone, sh.
															105.6-114.5. Predom. sandy lithologies some weak chloritic + black shak interbeds.
															114.5-117.8. Predom. black chaotic shale with sandy lenses + breccia fragments.
															117.8-119.6. Dark red fine grained massive siltstone with minor angular fragments sandstone. Contacts broken + irregular.

ASSAY INFORMATION

519013

DRILL LOG SHEET

PROJECT	WARATAH	HOLE NAME	WP 89-1
LOGGED BY	J. RANDELL	TOTAL DEPTH	223m.

CONTINUATION SHEET

DISTANCE FROM COLLAR	TO TOP		TO BOTTOM		Cu	Pb	Zn	Ag	Au	Sn	W	SAMPLE NO	CORE ANGLE	ROCK TYPE	DIP	DESC CODE	GRAPHIC LOG	DESCRIPTIVE LOG
	TO TOP	TO BOTTOM	TO TOP	TO BOTTOM														
121	123	10	5	40								17570						119.6-121.8. Predom. fine sandstone, minor chloritic patches + blackshale laminae.
123	125	10	5	40								17571						
125	127	20	5	50								17572						
127	129	50	5	45								17573						121.8-122.8 Dark red massive siltstone with irregular interbeds black shale + fine sandstone. Lower contact 40° LCA.
129	131	55	5	40								17574						
131	133	20	5	50								17575						
133	135	20	5	45								17576						
135	137	55	5	75								17577						122.8-153.7. Chaotic breccia blackshale with sub rounded fine sandstone clasts, some predom. chloritic sandstone bands. Rare fine shale laminae 35° LCA.
137	139	35	5	70								17578						
139	141	30	5	40								17579						
141	143	20	5	55								17580						
143	145	100	5	50								17581						Mod. broken core throughout.
145	147	30	5	70								17582						Down hole facing at 127.8m from scouring returns.
147	149	50	5	70								17583						
149	151	110	5	45								17584						Further down hole, more sandstone
151	153	110	10	110								17585						predominantly, still chaotic assemblage.
153	155	155	10	45								17586						with black shale, red siltstone clasts + laminae.
155	157	50	5	40								17587						
157	159	25	5	50								17588						145.1-145.5. Massive red siltstone, lower contact 60° LCA.
159	161	15	5	40								17589						
161	163	20	5	60								17590						
163	165	30	5	45								17591						146.0-147.1. Dominantly chloritic sandstone.
165	167	75	5	40								17592						
167	169	110	5	40								17593						
169	171	110	5	50								17594						150.7. 10cm band select. feldspar physis and/or basal.
171	173	40	5	40								17595						
173	175	15	5	40								17596						151-153.7. Predom. chloritic sandstone.
175	177	50	20	70								17597						
177	179	30	170	845								17598						152.6. 20cm. moderate carb. veining.
179	181	35	5	75								17599						
181	183	75	5	120								17600						154.4. Rare loose grained pyrite.
183	185	70	30	100								17601						
185	187	45	5	155								17602						153.7-178. More cherty, some regularity of layering (although some sedimentary breccias). Layering generally 35-40° LCA.
187	189	70	5	140								17603						181.8-184.6. Terminal med. grained sandstone.
189	191	60	10	100								17604						
																		178.0-183.7. Mixed sequence red siltstone, green chloritic sandstone
																		183.7-188.4. Strongly clastic sediment (clasts 2-4mm) angular and bands red brown massive siltstone and chloritic sandstone. Vague irregular layering 45° LCA. Moderate carbonaceous veining.
																		188.4-190.1. Red massive fine grained siltstone

ASSAY INFORMATION

519014

SILMET SYSTEM
METRIC
DECIMAL POINTS AS REQUIRED

011

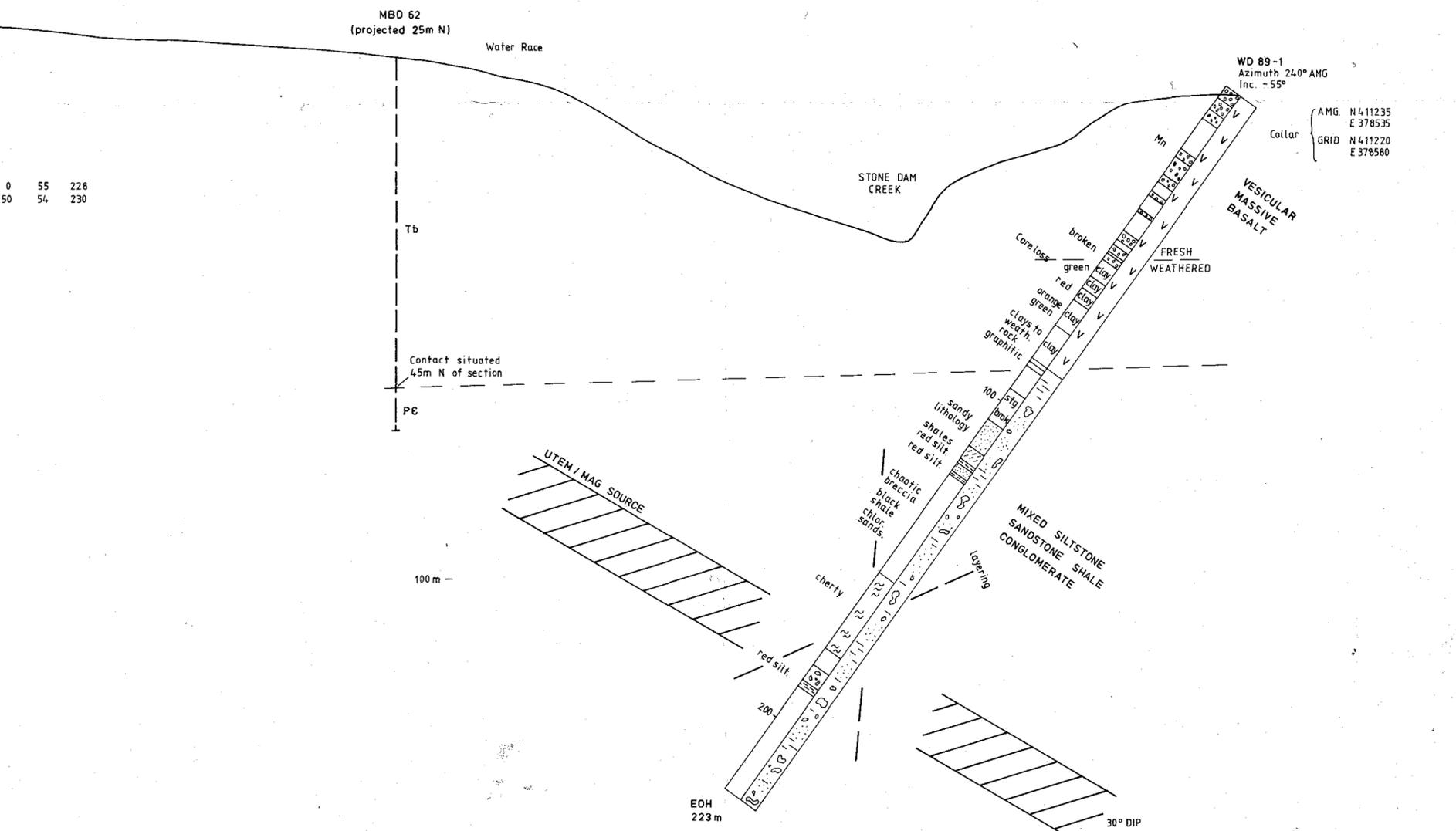
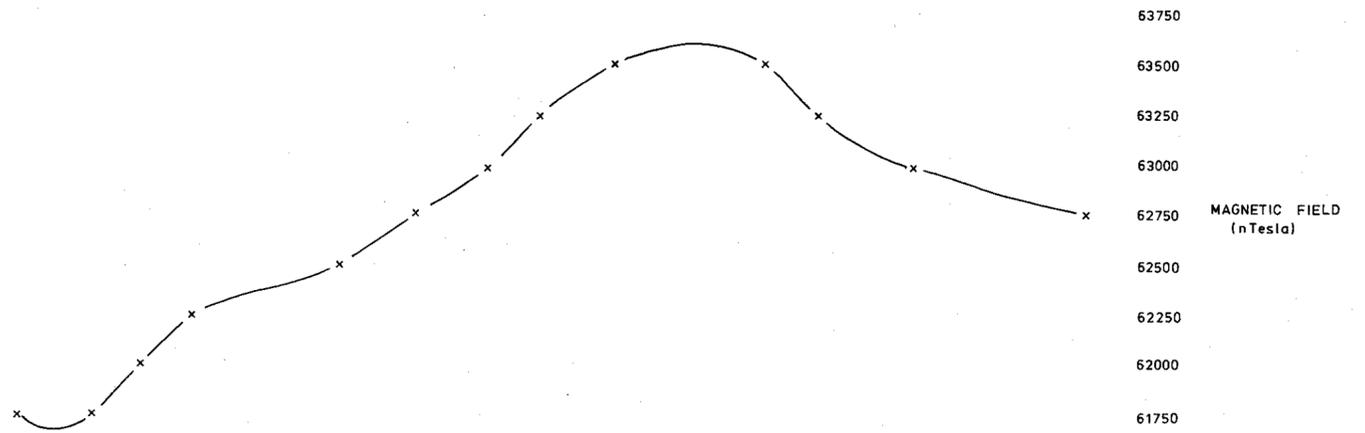
The Shell Company of Australia Limited
METALS DIVISION
DRILL LOG SHEET
CONTINUATION SHEET

PROJECT **WARATHA** HOLE NAME **LJD 89-1**
LOGGED BY **J. RANDELL** TOTAL DEPTH **223m**

DISTANCE FROM COLLAR		Cu	Pb	Zn	Ag	Au	Sn	W	SAMPLE NO	CORE ANGLE	ROCK TYPE	DUAL	DESC CODE	GRAPHIC LOG	DESCRIPTIVE LOG
TO TOP	TO BOTTOM														
191	193	50	30	100	10.5	0.008		6	220						190-190.7. Irreg. cherts and layering in mixed silt.
193	195	100	25	155				9							190.7-194. Pedom. red massive siltstone.
195	197	15	5	140				3							194-197. Pedom. massive fine grained grey siltstone with minor strongly broken shale fragments.
197	199	20	10	100				7							197-200.1 Strong chlorite matrix in grey silty brown fragments. Some carbonate veining.
199	201	50	10	45				4							200.1-204.4. Strongly bleached and brecciated. Some pervasive chlorite.
201	203	50	15	60				6							204.4-206.2. Black graphitic (with minor blebs pyrite) on densely compacted silty fragments.
203	205	55	15	60				10							206.2-207.4. Bright green ? chlorite in silty packed sediment.
205	207	60	40	80	2.0			10							207.4-209.5. Fine purple sandstone with small angular silty fragments + massive fine grained siltstone.
207	209	10	10	150	10.5			4							209.5-223.0. Overall pale green chlorite with sub-rounded fragments in bleached and purple matrix. Visibly strongly bleached. Towards bottom some broad layering.
209	211	10	25	110				7							E.O.H. 223m.
211	213	10	10	70				6							
213	215	5	30	55				7							
215	217	5	40	55				8							
217	219	20	25	55				6							
219	221	30	25	50				3							
221	223	60	25	50				8							
CORE RECOVERIES															
FROM		TO	INT	REC											
1.8		3.5	1.7	1.3	76										
3.5		6.6	3.1	1.2	39										
58.9		60.3	1.4	0.6	43										
		61.4	1.1	0.6	55										
		64.3	2.9	0.7	24										
		65.1	0.8	0.1	13										
		66.0	0.9	0.7	78										
		67.3	1.3	1.3	100										
		67.9	0.6	0.3	30										
70.2		70.4	0.2	0.1	50										
74.3		81.6	2.3	1.1	48										
ALL OTHER CORE 100%															

ASSAY INFORMATION

519015



0 55 228
50 54 230

90-3092

519016

Billiton Australia The Metals Division of the Shell Company of Australia Limited			
Project	WARATAH E.L. 46 / 88		
Title	DIAMOND DRILL SECTION STONEDAM CREEK WD 89-1		
Author	JPR	Dept. TAS	Scale 1:1000
Drawn	OH	Date 12 / 89	Revised Date
Checked		Date	S'ceded Date
Sheet No.	FIG 1	Drawing No.	