

SHLMET SYSTEM  
METRIC  
DECIMAL POINTS AS REQUIRED

The Shell Company of Australia Limited  
METALS DIVISION

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					
		11868	10290		220	55	LND90-1	195			

SURVEY INFORMATION	DISTANCE FROM COLLAR		AZIMUTH	DIP	REMARKS
	TO TOP	TO BOTTOM			
	0		220	55	
	50		220	55	
	100		223	55	
	150		225	54	
	195		224	54	

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

PROJECT	NATIVE TRACK TIER			HOLE NAME	LND 90-1		
LOGGED BY	J. RANDELL			TOTAL DEPTH	195.5m		
CONTRACTOR	DIAMOND DRILLING TRS			RIG	LY 44		
CREW				DATE STARTED	12/3 FINISHED 19/3		
CORE STORAGE				SAMPLE STORAGE			
NO OF TRAYS	LOCATION			DEVONPORT			
M & P LAB				ASSAY LAB ANALABS			
DESC.	SIZE	FROM	TO	TOTAL	REMARKS		
NON CORE		0	6	6			
CORE	HO	6	30	24			
	NO	30	195.5	165.5			
	BO						
CASING							
CASING LEFT	PVC	0	195m		(S) steel (P) plastic		

ASSAY INFORMATION	DISTANCE FROM COLLAR		Cu	Pb	Zn	Ag	Au	As	Ba	SAMPLE NO	CORE ANGLE	ROCK TYPE	DIAM	DESC CODE	GRAPHIC LOG	DESCRIPTIVE LOG
	TO TOP	TO BOTTOM														
	13.2	15.0								17321						6.0 - 13.2 // WEATHERED MASSIVE EPICLASTIC SANDSTONE.
	15.0	17.0								17322						Orange brown quartz and carbonate grits with minor fragments of shale. Lower contact obscured.
	17.0	19.0								17323						13.2 - 57.3 // PEBBLE-COBBLE VOLCANIC CLASTIC CONGLOMERATE.
	19.0	21.0								17324						13.2 - 25.2. Moderately weathered. Polymict gravel size to cobble (>7cm) size, usually well rounded, often hematitic volcanic debris, vein quartz and fine siltstone. Poorly sorted. Minor carbonate veining. Becoming pebble sized down hole.
	40.0	41.2								17325						40-41.2. Moderately weathered and broken. 44.5-46.6. 60% fine grained sericitic siltstone in bands.

DRILLING OBJECTIVES / SUMMARY *To test source of UTEM anomaly observed on four grid lines to north and south. The source is assumed to be a wide zone of peggy sheared striated quartzite with minor graphitic shales.*

REPORT REFERENCE: \_\_\_\_\_

072

493098

DISTANCE FROM COLLAR	DISTANCE FROM COLLAR		SAMPLE NO	CORE ANGLE	ROCK TYPE	DIAM	DESC CODE	GRAPHIC LOG	DESCRIPTIVE LOG
	TO TOP	TO BOTTOM							
SA	54.8	56.0	17326						46.6-54.8. Mixed pebble and cobble sized, well rounded. often purple.
SA	56.0	57.3	17327						50.6-50.9. Band of fine grained red laminated siltstone. 15° LCA.
	57.3								54.8-57.3. Very weathered core of ferruginous or carbonated epiklastic breccia.
									57.3-104.2 // SERICITIC COARSE EPICLASTIC
									Subrounded to sub angular fragments siltstone and chloritoid porphy. Generally fragments < 0.7cm.
									63.9-66.6. Pale red brown in color.
									66.6-71.5. Mixed sequence fine grained green sericitic siltstone and coarse coarse epiklastic. Strong red hematite alteration.
SA	71.5	73.5	17328						71.5-76.5. Very broken and weathered, strongly carbonated.
SA	73.5	75.0	17329						
SA	75.0	76.5	17330						
									76.5-104.2. Clast dominant mainly pebble size, some cobbles hematitic generally random orientation, fine grain size and probably fine sediments.
									104.2-114 // FINE GRAINED MASSIVE SERICITIC VITRIL ASH AND SILTSTONE.
									Pale purple and green, minor weathered carbonate venulets, some broken core.
									Becoming strongly sericitic at bottom.
									110.4-110.9. MASSIVE quartz carbonate vein
									112.4. 2cm quartz carbonate vein.
									113.6. 4cm " " " "
SA	114.0	116.0	17331						114.0-118.1 // LAMINATED BLACK SHALE AND SERICITIC VITRIL ASH.
SA	116.0	118.0	17332						
SA	118.0	120.0	17333						
SA	120.0	122.0	17334						
SA	122.0	124.0	17335						Mixed laminated shale and green sericitic volcanoclastic. Generally quite well laminated 50° LCA, some contorted beds. Strongly broken core.
SA	124.0	126.0	17336						
SA	126.0	128.0	17337						

ABBAY INFORMATION

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SMLMET SYSTEM  
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**DRILL LOG SHEET**

PROJECT *NATIVE TRACK TIER* HOLE NAME *LND 90-1*  
LOGGED BY *J. RANDELL* TOTAL DEPTH *195.5m*

CONTINUATION SHEET

DISTANCE FROM COLLAR		SAMPLE NO	CORE ANGLE	ROCK TYPE	DIAM	DESC CODE	GRAPHIC LOG	DESCRIPTIVE LOG
TO TOP	TO BOTTOM							
167.0	169.0	17342						166.7-170.5 // COARSE SERICITIC EPICLASTIC
169.0	171.0	17343						Sericitic strongly broken sub angular fragments to 1.5cm, quite puggy.
171.0	173.0	17344						
173.0	175.0	17345						
175.0	177.5	17346						
177.0	179.0	17347						
179.0	181.0	17348						170.5-175.6 // FINE GRAINED SERICITIC MSH
181.0	183.0	17349						Generally fine grained non laminated creamy ash white, strongly broken Lower contact sharp but obscure.
183.0	185.0	17350						
185.0	187.0	17351						
187.0	189.0	17352						
189.0	191.0	17353						
191.0	193.0	17354						175.6-177.4 // MASSIVE GREEN CHLORITIC VOLCANICLASTIC
193.0	195.5	17355						Minor kelpor phytic, some carbonate veining. Probably low intrinsic but is not magnetic. Trace black pyritoph.
CORE RECOVERY								
ALL 100% EXCEPT								
FROM	TO	INT	REC	Z				
10.5	13.2	2.7	2.2	81				177.4-180.8 // CHLORITIC FINE ASH.
13.2	16.5	3.3	2.5	76				Very strongly broken core, puggy in places
22.5	25.2	2.7	2.5	93				
30.0	31.5	1.5	1.3	87				180.8-195.5 // SERICITIC EPICLASTIC
55.0	58.3	3.3	3.0	91				Pale pink and green sericitic epulastic with fragments (<0.5m). Strongly broken core especially 181.4-183 and 188.2-195.5
								193.4. Rare stringer pyrite.
								E.O.H. 195.5m.

AGERY INFORMATION

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