

DIAMOND DRILL CORE RECORD

387

Hole No. 43
 Drilled by ASSOCIATED DIAMOND DRILLERS P/LTD.
 Core Recovery 449 ft = 73.36%
 Geological Logging by—
 M. EDYVEAN

Area of Operation NORTH SA
 Location of Site 220 feet from Magnetic Marker F9 at a bearing of N66°E Magnetic
 Date Commenced 20th June 1968
 Date Completed 22nd August 1968

Reduced Level of Site 1163 feet
 Bearing of Hole 400°/38° 500°/33° 600°/31°
 Dip of Hole 612 feet
 Bore Depth

FORM	S&A	CG	CC&M	D.S.M.E.
RECEIVED				Registrar
2.6 HANSON				Field
DEPT. OF MINES				

AMG Co-ords: 33 5372 E 540 8437 N

Ref No 2072

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS							
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	HCl Fe	Ni	Ti	P	S
21/6				0	17	Basaltic rubble										
28/6				17	91	As above but more solid										
29/6	0	11	1													
1/7				91	101	Decomposed basalt grading with decomposed amphibolite			681545	380'	403'	21.5	0.01	0.44	0.03	1.04
2/7																
3/7	11	30	6													
4/7	30	50	6	101	111	Slightly decomposed green amphibolite			681546	502'	520'	12.5				
5/7	50	63	4						681547	520'	538'	12.9				
8/7	63	74	6	111	131	Brown Clay (decomposed amphibolite)			681548	502'	538'		0.04	0.29	0.31	3.58
9/7	74	82	6													
10/7	82	85	2													
11/7	85	115	10	131	161	Decomposed amphibolite with minor sheared amphibolite fragments										
12/7	115	160	12													
13/7	160	176	10													
15/7	176	189	12	161	195	Sheared, fragmentary, amphibolite										
16/7	189	204	15	195	202	Similar to above but more solid										
17/7	204	229	25		229	Pyrite is present with carbonate										
18/7	229	239	10													
19/7	239	242	3	229	232'9"	Amphibolite; more massive than above, less carbonate										
			128													
				232'9"	248	Sheared amphibolite with abundant carbonate + pyrite Core extremely fragmentary - considerable loss of core										
20/7				248	261'9"	Dark black shale? with considerable pyrite										
22/7																
23/7																
24/7				261'9"	288	Alternating dark and light grey sheared amphibolite. Carbonate and pyrite present										
25/7	242	280	28													
26/7	280	312	27													
27/7	312	341	27	288	297'6"	Pale greenish-grey sheared quartzose? Amphibolite. Some serpentine alteration										
29/7	341	373	29													
30/7	373	388	12													
31/7	388	398	6													
1/8	398	420	19	297'6"	331'6"	Sheared green amphibolite with numerous carbonate veinlets. Pyrite present										
2/8	420	447	24													
3/8	447	465	16													
5/8	465	492	27	331'6"	380	Green amphibolite - more massive than above. Occasional carbonate. Pyrite present with some Epidote, Tourmaline and Haematite										
6/8	492	508	15													
7/8	508	520	10													
8/8	520	525	2													
9/8	525	539	12													
				380	381	Altered serpentine, talc. + Magnetite										
12/8	539	542	3													
13/8	542	557	14	381	391'9"	Amphibolite and Magnetite with minor pyrite and occasional Tourmaline. Amphibolite is talcose in part.										
14/8	Break Down	557														
15/8	557	564	7													
16/8	564	571	6													

held Plant Room

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS													
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To											
17/8	571	593	18	391'9"	393	Green amphibolite with minor carbonate and pyrite																
19/8	593	612	19																			
20/8)	Dismantling Rig			393	400'6"	Amphibolite with minor magnetite, pyrite and talc.																
21/8)						At 400'6", carbonate vein containing pyrite and chalcopyrite																
22/8)																						
			321																			
			+ 128																			
			Total = 449																			
				400'6"	403	Amphibolite (altering to serpentine) and Magnetite. Pyrite and occasional carbonate present																
				403	496	Sheared grey-green amphibolite with numerous carbonate veinlets. Pyrite present and tourmaline? Occasional magnetite flecks occur from 403'-403'6" and 409'-409'2".																
				496	502	Amphibolite: not as sheared as above and containing more pyrite but less carbonate.																
				502	505	Amphibolite with occasional Magnetite																
				505	508	Magnetite; minor amphibolite and pyrite																
				508	512	Only 1 foot of core - Amphibolite (altering to serpentine and talc) with minor magnetite.																
				512	513	Magnetite and amphibolite: Pyrite																
				513	519'9"	Amphibolite (serpentine + talc.) with minor carbonate + pyrite.																
				519'9"	535	Magnetite and amphibolite: Pyrite abundant																
				535	542'6"	Amphibolite and Black Shale? Pyrite is present.																
				542'6"	546	Amphibolite: occasional black shaley material. Pyrite present.																
				546	557	No core recovered																
				557	566	Amphibolite: with tourmaline and epidote flecks.																
				566	612	Speckled amphibolite: Epidote is abundant. Minor occurrences of carbonate, pyrite, shale and haematite.																

33 093