

047

80 049

THE BROKEN HILL PTY. CO. LTD. PROJECT WELD RIVER DRILL HOLE WD 5
 LOCATION GLOVER'S BLUFF CO-ORDINATES - LOCAL 1345-N/1205-E/RL 231.9
 - A.M.G.
 ANGLE OF DEPRESSION 46° BEARING (MAG) 58°
 DRILLING CO. WALKER DRILLING DRILLER A. WALKER DRILL TYPE DB 1000
 DATE COMMENCED _____ COMPLETED _____

CORE INTERVAL (METRES)	GEOLOGICAL LOG & COMMENTS	ASSAY			
		INTERVAL (METRES)	SiO ₂	Al ₂ O ₃	Fe
0 - 9.82	Orange clay & water worn pebbles - said to be Permian tillite.	0 - 9.82	NO	SAMPLE	
9.82 - 11.20	Thin grained, soft, weathered uniformly weathered iron quartzite mass	9.82 - 11.20	89.8	8.2	1.96
11.20 - 13.13	Harder fine grained silty quartzite. some iron on fractures in upper part	11.20 - 13.13	91.4	3.0	
13.13 - 16.73	Harder fine grained silty quartzite. some iron on fractures in upper part	13.13 - 16.73	93.1	5.4	1.14
16.73 - 19.73	Very fine grained, soft, greenish probably silty quartzite - minor faulting at 14.00.	16.73 - 19.73	93.4	4.9	1.18
19.73 - 22.73	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron	19.73 - 22.73	91.2	6.8	1.48
22.73 - 23.60	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron	22.73 - 23.60	91.7	6.6	1.54
23.60 - 25.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
25.00 - 26.50	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
26.50 - 28.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
28.00 - 30.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
30.00 - 32.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
32.00 - 34.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
34.00 - 36.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
36.00 - 38.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
38.00 - 40.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
40.00 - 42.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
42.00 - 44.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
44.00 - 46.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
46.00 - 48.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
48.00 - 50.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
50.00 - 52.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
52.00 - 54.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
54.00 - 56.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
56.00 - 58.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
58.00 - 60.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
60.00 - 62.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
62.00 - 64.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
64.00 - 66.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
66.00 - 68.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
68.00 - 70.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
70.00 - 72.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
72.00 - 74.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
74.00 - 76.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
76.00 - 78.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
78.00 - 80.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
80.00 - 82.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
82.00 - 84.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
84.00 - 86.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
86.00 - 88.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
88.00 - 90.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
90.00 - 92.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
92.00 - 94.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
94.00 - 96.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
96.00 - 98.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				
98.00 - 100.00	Thin grained, fairly soft, banded green tuffal & silty quartzite with some partings of iron				

depth to 60 m at 30.
 white quartzite seen at 20.25

048

80 050

THE BROKEN HILL PTY. CO. LTD.

PROJECT

DRILL HOLE W05

LOCATION

CO-ORDINATES - LOCAL

- A.M.G.

ANGLE OF DEPRESSION

BEARING (MAG)

DRILLING CO.

DRILLER

DRILL TYPE

DATE COMMENCED

COMPLETED

BORE INTERVAL (METRES)	GEOLOGICAL LOG & COMMENTS	INTERVAL (METRES)	ASSAY		
			SiO ₂	Al ₂ O ₃	LOI
23.60 - 33.76	As above but the quartzite is more white in colour and harder. Heavy iron stained fractures still present causing short runs & broken core.	23.60 - 26.60	95.5	3.3	0.92
		26.60 - 29.60	95.8	3.0	0.83
		29.60 - 32.60	96.1	2.9	0.75
		32.60 - 33.76	95.9	3.1	0.62
33.76 - 34.30	CORE LOSS - very soft clay or sand.	33.76 - 34.30	96.2	2.7	0.60
34.30 - 34.80	Then total core loss - probably as above with quartzite blocks dislodged and surrounded by clay in what may be a major shear zone or bedding close to the edge of the border type quartzite. Hole abandoned due to complete loss of circulation & bad drilling conditions.	34.30 - 34.80	95.4	3.3	0.79
	E.O.H.				