



This report was generated on: 04 Dec 2001 ; Page 1 of 1

Lithology Details – Test Hole No. GP4-77Well Owner: Alberta Research Council
AlbertaDrilled Depth: 900.0 (ft)
Completed Depth: 900.0 (ft)
Top of Bedrock: 5.0 ft *

Legal Location: 10-20-067-10 W6M

<u>Elevation (AMSL)</u>	<u>Depth (BGL)</u>	<u>Lithology Descriptions (104)</u>	<u>Depth (BGL)</u>	<u>Elevation (AMSL)</u>	<u>Lithology Descriptions (104)</u>
2,026	5.0	[unknown]	1,546	485.0	Brownish Grey Shale
2,021	10.0	Medium Grained Brown Shale & Sandstone	1,531	500.0	Silty Dark Grey Shale
2,016	15.0	Brown Siltstone & Sandstone	1,521	510.0	Dark Grey Shale
2,011	20.0	Fine Grained Brownish Grey Sandstone	1,511	520.0	Brownish Grey Shale
2,006	25.0	Carbonaceous Shale & Coal	1,501	530.0	Soft Grey Sandstone
2,001	30.0	Grey Shale	1,496	535.0	Dark Brown Shale
1,996	35.0	Silty Dark Grey Shale	1,491	540.0	Carbonaceous Dark Grey Shale
1,991	40.0	Medium Grained Grey Sandstone	1,446	585.0	Dark Grey Shale
1,986	45.0	Medium Grained Grey Salt & Pepper Sandstone	1,436	595.0	Brownish Grey Shale
1,976	55.0	Dark Grey Shale & Sandstone	1,426	605.0	Dark Grey Shale
1,971	60.0	Dark Grey Shale	1,421	610.0	Brownish Grey Shale
1,966	65.0	Sandy Dark Grey Shale & Siltstone	1,416	615.0	Carbonaceous Dark Brown Shale & Coal
1,961	70.0	Fine Grained Grey Sandstone	1,406	625.0	Brownish Grey Shale & Sandstone
1,951	80.0	Medium Grained Grey Sandstone	1,391	640.0	Silty Brownish Grey Shale & Sandstone
1,946	85.0	Fine Grained Dark Grey Siltstone & Sandstone	1,381	650.0	Silty Grey Shale
1,936	95.0	Silty Dark Grey Shale	1,376	655.0	Brownish Grey Shale
1,931	100.0	Dark Grey Siltstone & Sandstone	1,371	660.0	Dark Brown Shale & Coal
1,926	105.0	Medium Grained Grey Siltstone & Sandstone	1,366	665.0	Brownish Grey Shale
1,911	120.0	Medium Grained Grey Sandstone	1,361	670.0	Dark Brown Shale
1,906	125.0	Coarse Grained Dark Grey Sandstone	1,346	685.0	Dark Grey Shale
1,891	140.0	Hard Dark Grey Shale	1,341	690.0	Carbonaceous Dark Grey Shale & Coal
1,886	145.0	Fine Grained Dark Grey Siltstone & Sandstone	1,331	700.0	Dark Grey Shale & Sandstone
1,881	150.0	Medium Grained Dark Grey Sandstone	1,326	705.0	Grey Shale
1,871	160.0	Coarse Grained Dark Grey Sandstone	1,321	710.0	Dark Grey Sandstone
1,861	170.0	Silty Dark Grey Shale & Siltstone	1,286	745.0	Dark Grey Shale
1,856	175.0	Silty Dark Grey Shale & Sandstone	1,281	750.0	Brownish Grey Shale & Coal
1,851	180.0	Silty Grey Sandstone	1,271	760.0	Grey Shale
1,846	185.0	Fine Grained Grey Sandstone	1,266	765.0	Grey Shale & Sandstone
1,836	195.0	Medium Grained Light Grey Sandstone	1,246	785.0	Salt & Pepper Shale & Sandstone
1,831	200.0	Silty Dark Grey Shale	1,241	790.0	Salt & Pepper Sandstone & Coal
1,826	205.0	Medium Grained Light Grey Sandstone	1,236	795.0	Salt & Pepper Shale & Sandstone
1,821	210.0	Silty Grey Shale & Siltstone	1,231	800.0	Grey Shale & Sandstone
1,816	215.0	Silty Dark Grey Shale	1,211	820.0	Salt & Pepper Sandstone
1,811	220.0	Silty Dark Grey Shale & Sandstone	1,171	860.0	Dark Grey Shale
1,781	250.0	Silty Dark Grey Shale	1,166	865.0	Dark Grey Shale & Sandstone
1,776	255.0	Silty Dark Grey Shale & Sandstone	1,161	870.0	Dark Grey Shale
1,771	260.0	Fine Grained Grey Shale & Sandstone	1,156	875.0	Carbonaceous Brownish Grey Shale
1,756	275.0	Silty Dark Grey Shale	1,146	885.0	Dark Grey Shale
1,751	280.0	Dark Grey Shale	1,136	895.0	Brownish Grey Shale
1,746	285.0	Silty Dark Grey Shale & Sandstone	1,131	900.0	Dark Grey Shale
1,741	290.0	Grey Shale			
1,736	295.0	Fine Grained Grey Sandstone			
1,726	305.0	Silty Dark Grey Shale			
1,711	320.0	Dark Grey Shale			
1,706	325.0	Fine Grained Dark Grey Shale & Sandstone			
1,701	330.0	Silty Dark Grey Shale			
1,691	340.0	Dark Grey Siltstone			
1,686	345.0	Silty Grey Shale			
1,676	355.0	Silty Dark Grey Shale & Siltstone			
1,666	365.0	Dark Grey Shale			
1,661	370.0	Silty Dark Grey Shale			
1,656	375.0	Medium Grained Grey Sandstone			
1,641	390.0	Silty Grey Shale & Sandstone			
1,631	400.0	Silty Grey Sandstone			
1,626	405.0	Silty Dark Grey Shale			
1,611	420.0	Soft Dark Grey Shale			
1,606	425.0	Dark Grey Shale & Sandstone			
1,596	435.0	Silty Grey Sandstone			
1,591	440.0	Dark Grey Shale			
1,586	445.0	Dark Grey Shale & Sandstone			
1,581	450.0	Dark Grey Shale			
1,576	455.0	Grey Sandstone			
1,566	465.0	Grey Shale & Sandstone			
1,551	480.0	Dark Grey Shale			

Imperial values derived from metric values.

* The Groundwater Centre calculated or determined value.