

221339

PROJECT: MOINA  
 HOLE NO: SMD 8  
 DRILLED: MAY 1976

CORE SIZES: 0 - 00.50 4 inch  
 0.50 - 3.00 NQ casing  
 3.00 - 42.50 NQ  
 42.50 - 60.80 BQ

LOGGED BY: P.ASKINS  
 ORIENTATION: VERTICAL  
 CO-ORDS: 00 550S

FROM	TO	DESCRIPTION
0	17.40	BASALT, Mostly SW - Frst but more weathered in zones of core loss. Agglomeratic in most places.
17.40	22.25	BASALT, fresh, f-m, massive. Some included wisps of mudstone.
22.25	24.00	MUDSTONE, fresh, f, dark khaki brown; indurated.
24.00	25.05	BASALT, fresh, f-m, massive.
25.05	26.00	SAND, white, m, becoming coarse and gravelly toward 26.00. Panned: no cassiterite, trace f pyrite. Scheelite present as f grains with yellowy fluorescence. (Deep Lead)
26.00	31.00	MUDSTONE/SILTSTONE, MW to 27.50, brown; fresh 27.50 - 31.00, grey. f-m finely bedded, possibly glacial varve. Trace disseminated pyrite.
31.00	32.50	RUBBLE OF SANDSTONE, Crs, ironstained. Possibly Ordovician sandstone rubble of glacial origin, or sink hole in limestone
32.50	32.65	MUDSTONE/SILTSTONE, as above.
32.65	40.00	LIMESTONE, fresh, f-m, pale grey with about 25% irregular wispy slumped beds of calcareous siltstone, dark grey. Overall bedding around 80°. Trace f disseminated py, po throughout.
40.00	41.60	WOLLASTONITE HORNFELS, fresh, f, pale grey. Texturally identical to limestone above but slightly creamish and no effervescence with HCl - probably all CaCO <sub>3</sub> has been converted to wollastonite. Disseminated f py. Bedding 70° - 90°.
41.60	42.50	CALC-SILICATE ROCK, leached, weathered, very poor recovery.
42.50	43.20	WOLLASTONITE HORNFELS, fresh, becoming SW to 43.20.
43.20	45.95	CALC-SILICATE ROCK, SW, leached in most places, m - crs, Irregular layering, probably bedding, 70° - 85°. Scheelite absent. Core broken. Contact at 43.20 gradational
45.95	46.35	WRIGGLITE, fresh, f-m. Scheelite absent.
46.35	49.60	METASILTSTONE, fresh, f-m pale greenish, with network of fractures with black biotite(?) alteration. Wrigglite layer 47.80 - 47.90. Scheelite absent.
49.60	51.70	METASILTSTONE, fresh, f, pinkish, more compact and silicified than previous type. Finely bedded. Resembles rock at 40.00 - 41.60 except probably more metasomatized and may have been more calcareous originally than metasiltstone at 46.35 - 49.60. Trace scheelite in veinlets near 49.50

TERTIARY