

PROJECT: MOINA

CORE SIZES: 0 - 24.20 NQ

LOGGED BY: P. ASKINS

HOLE NO: SMD 17

24.20 - 74.15 BQ

DRILLED: APRIL 1977

ORIENTATION: VERTICAL

CO-ORDS: 810W 60S

From	To	Description
0	19.50	SOIL (no core recovered)
19.50	20.75	LIMESTONE, fresh, f, pale to dark grey - irregularly bedded and tends to be stylolytic parallel to bedding. Dark layers are more silty and ? dolomitic and contain a little disseminated pyrite. Bedding 70° - 90°.
20.75	21.80	SANDSTONE, fresh, m, off-white; slightly calcareous, f matrix.
21.80	23.40	LIMESTONE, fresh, f as above but in places tends to be m.
23.40	25.25	SANDSTONE, fresh, as above but more metamorphosed, with patches up to 3 cm of pale brown m, garnet or white f wollastonite.
25.25	26.20	LIMESTONE, fresh, as at 21.80 - 23.40, but with chert (?) layers up to 7 cm thick, white f, with f disseminated pyrite or pyrrhotite in streaks parallel to bedding. "Chert" may be actually a quartzite of metamorphic origin - does not effervesce with HCl. Bedding 70° - 90°.
26.20	26.50	CALC-SILICATE ROCK + LIMESTONE. Transition to skarn below. Calc-silicate is m, buff, replaces dark ? dolomitic calc-siltstone layers. Limestone recrystallizes and becomes whiter. Bedding 70° - 90°.
26.50	34.00	CALC-SILICATE ROCK/WRIGGLITE: fresh, variable proportions. Wrigglite replaces original pure limestone and calc-silicate is after ?dolomitic calc-siltstone - overall fabric reflects original distrubed bedding at 70°. Traces of scheelite in veinlets and disseminated. Some f green chlorite replaces (?) calc-silicate at 27.00 - 27.40.
34.00	35.15	CALC-SILICATE ROCK, fresh, f, Fabric resembles f calcareous sandstone.
35.15	38.90	METASILTSTONE/SANDSTONE/CALC-SILICATE ROCK, Variable proportions, fresh, bedded 70°, network of microfractures. Traces scheelite in veinlets. Pyrite common in microfractures. Wrigglite occurs in minor amount.
38.90	41.90	WRIGGLITE/CALC-SILICATE ROCK, similar to above.
41.90	42.60	CALC-SILICATE ROCK, fresh, f-m, buff to greenish.
42.60	49.90	METASILTSTONE/SANDSTONE etc, fresh, as at 35.15 - 38.90. Only trace scheelite in veinlets. Network of microfractures prominent especially to 45.50. Bedding 70°. Pink zeolite in some joints.
49.90	74.15	SANDSTONE/SILTSTONE, fresh, relatively unaltered, little fracturing, pink zeolite with a little pyrite common in some joints. Scheelite absent in most places, trace along veinlets especially 70 - 72. Bedding 50° - 70°, mostly 70°.

END OF HOLE