221335

PROJECT: MOINA
HOLE NO: SMD 6
DRILLED: APRIL 1976

CORE SIZES: 0 - 26.00 NQ
26.00 - 102.50 BQ

LOGGED BY: P. ASKINS
ORIENTATION: VERTICAL
CO-ORDS: 860E 50S

FROM	TO	DESCRIPTION
0	21.10	BASALT, SW - MW 0 - 19.70 ; Frst 19.70 - 21.10, scoriaceous, agglomeratic, as in SMD 5.
21.10	21.35	MUDSTONE, fresh, dark grey, with fragments of basalt.
21.35	21.60	WRIGGLITE & CALC-SILICATE ROCK, SW, bleached. No scheelite
21.60	22.75	FAULT ZONE, pale blue grey chlorite recovered
22.75	26.15	WRIGGLITE, SW - MW to 23.15, Frst elsewhere, some metasiltstone and calc-silicate layers, usually 1 - 3 cm, in places at 75°. Anhedral garnet prophyroblasts disseminated in dark biotite, fluorite matrix 24.00 - 24.10 and to lesser extent elsewhere. No scheelite in SW - MW material, elsewhere in veinlets & disseminated as previous holes.
26.15	28.00	CALC-SILICATE ROCK & METASILTSTONE, Frst - MW, f-m, highly fractured, with brownish chloritic alteration and calcite veinlets in several places. Minor scheelite in veinlets of felspar.
28.00	30.80	WRIGGLITE, Frst except SW 28.00 - 28.30 and 29.15 - 29.50. Minor calc-silicate and metasiltstone layers at about 70°. Core fractured in SW zones, Scheelite as above.
30.80	32.15	METASILTSTONE, Frst - SW, f-m, grades from calc-silicate at 30.80. Altered in places with chlorite similar to that as at 26.15 - 28.00. Layered in places, probably bedding - at 70°. 2 cm khaki efflorescent chlorite? at 32.15 - possible fault & zone where core lost.
32.15	67.70	WRIGGLITE, Frst 32.15 - 36.40, some SW where fractured, Fr after 36.40. Calc-silicate and metasiltstone 33.90 - 34.50. Fractured 34.90 - 36.40. Textural variants in places between 36.90 - 39.00 spotty texture, porphyroblastic, with garnet ? in magnetite or biotite. Minor calc-silicate throughout but especially around 38.50 and 40.00 to 40.50. Minor metasiltstone beds throughout - about 1 - 3 cm wide at 50° - 80° overall about 15% by volume. Abundant f disseminated scheelite in places; scheelite in veinlets throughout but especially prominent in veinlets sub parallel to core 41.00 - 43.00. Pinkish zeolite along joints particularly where more highly fractured e.g. 63.40 - 63.60.