

221351

PROJECT: MOINA
HOLE NO: SMD 13
DRILLED: DECEMBER 1976

CORE SIZES: 0 - 1.00 NQ casing
1.00 - 40.00 NQ
40.00 - 182.25 BQ

LOGGED BY: P. ASKINS
ORIENTATION: VERTICAL
CO-ORDS: 1450E 50S

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
0	32.50	SANDSTONE, Frst - SW, f-m, off-white to cream, highly fractured with pyrite in micro-fractures and disseminated, generally 1-5% but locally greater than 10%. Less fractured core is more siliceous, and broken core is more fractured, silty and generally contains more pyrite. Less fractured sandstone is "tubicular". Bedding 70° at 31. No scheelite.
32.50	34.20	SANDSTONE, SW, m, with much cream clayey alteration throughout. No scheelite.
34.20	35.00	SANDSTONE, HW, m; orange brown limonitic clay throughout fabric. Bedding 65° at 34.90 No scheelite.
35.00	36.15	METASILTSTONE, Frst - HW, f-m, greenish, finely bedded at 45° - 60°. No scheelite.
36.15	36.95	MAGNETITE-CHLORITE SKARN, Frst - MW, coarse magnetite, fine chlorite and pale calc-silicate minerals with streaky and spotty texture - bedded at 65°. Merest trace of f scheelite.
36.95	37.50	METASILTSTONE, similar to above, no scheelite.
37.50	39.00	SILTSTONE - SANDSTONE, Frst - MW. f-m. Finely bedded at 55°. No scheelite.
39.00	53.00	SANDSTONE, Frst, silicified ("quartzite"); tends to siltstone in places. A little disseminated pyrite and some pyrite on joints. Bedding 45° at 44; 40° at 46 and 30° at 48. See core photographs for location of fractured areas. No scheelite.
53.00	54.75	SILTSTONE-SANDSTONE, Frst, f-m, cream; much cream clay through fabric. Bedding 20°.
54.75	67.00	SILTSTONE-SANDSTONE, Frst, f-m, off white, mottled by discontinuous microfractures containing f pyrite; pyrite also disseminated, f, and along joints, m. Minor quartz veinlets. Bedding 45° at 62.....50° at 67. No scheelite.
67.00	79.00	SANDSTONE, Frst, Silicified as above interbedded with sandstone-siltstone similar to above. Bedding 90° at 72, 90° at 73.25. Very broken and some lost core after 74.50. (Lost water at 74.30 when drilling).No scheelite.