

PROJECT: MOINA
HOLE NO: SMD 21
DRILLED: Sept 1977

CORE SIZES: 0 - 10 HQ
 10 - 16 NQ
 16 - 155.25BQ

LOGGED: P.ASKINS
ORINETATION: Vertical
CO-ORDS: 00/75S

<u>From</u>	<u>To</u>	<u>Description</u>
0	105.70	LIMESTONE, 0 - 10 Frst; 10 - 104.70 Fr. No Significant concentrations of dark dolomitic silty layers. For details see log of P.W. STAINTON.
105.70	112.50	CALC-SILICATE ROCK, Fr, pale to dark greenish, m. Consists of pale diopside, dark actin, two types pale green gar in various proportions. Trace disseminated po. Layering 60° at 106.25, 108.25, 112. Layering very distinct 110.75 - 112.50. No scheelite.
112.50	122.10	CALC-SILICATE ROCK + WRIGGLITE, Fr. Calc-silicate is similar to above with patches of wrigglite at 112.50 - 112.85, 113.10 - 113.25, 115.50 - 115.80, 116.50 - 117.25 and very minor blebs elsewhere. Minor pink fels veinlets (with no scheelite) in and near wrigglite at 116.50 - 117.25. No scheelite except minor disseminated f scheelite 121.25 - 122.10.
122.10	124.25	WRIGGLITE, Fr, typical type. A few pink fels veinlets. A little scheelite, disseminated and in veinlets
124.25	155.25	METASILTSTONE - SANDSTONE, Fr, similar to that in other holes. Features of note: 124.25 - 127.25 variable texture and colour, greenish in places, many microfractures and dark veinlets and trace scheelite in pale veinlets. 127.25 - 132 finely bedded in many places, 70° 128; 70° 131. After 132 predominantly sandstone, browns, greys in places mottled and greenish bedding 60° 136; 70° 144; 50° 153; 134.50 - 135.40 pale green sandstone (colour due pale pyroxene?) with cross cutting network of veinlets with thin (mostly 2 mm but up to 1 cm) dark alteration selvage (these veinlets no doubt occur in adjacent rocks but are not visible because the rocks contain no pyroxene to be altered to dark bio chl amphibole etc). 136 bedding 60° 138.75 5 cm qtz - wolframite - scheelite vein, Contact at 30°. 139 3 cm qtz - sphalerite (pale brown) - epidote - py vein at 70°. A little f-m py disseminated in places. Very minor scheelite in veinlets throughout.