

221348

PROJECT: MOINA
HOLE NO: SMD 12
DRILLED: AUGUST 1976

CORE SIZES: 0 - 27.25 NQ
 27.25 - 123.25 BQ

LOGGED BY: P. ASKINS
ORIENTATION: VERTICAL
CO-ORDS: 450E 50N

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
0	12.40	BASALT, agglomeratic 0 - 6.00 MW-CW, poor recovery 6.00 - 10.70 SW-MW, 10.70 - 12.40 Frst.
12.40	14.00	MUDSTONE, Frst, black indurated.
14.00	23.10	BASALT, Frst, 14.00 - 17.60; locally more weathered and fractured. Fresh 17.60 - 23.10 massive, f - f, shows thin (usually less than 3mm) dark alteration along joints and microfractures which are mostly 80° to core - has appearance of bedding at first glance.
23.10	24.60	MUDSTONE, fresh, dark grey, indurated at 23.10. grading down to SILTSTONE, SW, pale grey to khaki, semi-consolidated.
24.60	27.00	SAND, m, white, contains f - f scheelite, yellow fluorescence.
27.00	27.50 (approx)	GRAVEL off-white quartz - sandstone and quartz. 2
27.50	34.00	SAND, m, white, contains scheelite as above.
34.00	40.25	MUDSTONE, SILTSTONE, fresh except SW 40.00 - 40.25, grey to brown grey, semi-consolidated, finely bedded at 90°.
40.25	41.50	LIMESTONE, fresh, pale grey, burrowed? See log of P.W. Stainton for details of limestones.
41.50	42.00	MUDSTONE, fresh, with contained angular rock fragments - probably cave-fill.
42.00	43.40	LIMESTONE, CALC-DOLOMITE, SW-MW, f-m, grey and off-white respectively, irregularly bedded.
43.40	44.20	MUDSTONE, containing angular rock fragments - probably cave-fill
44.20	45.00	LIMESTONE, CALC-DOLOMITE, as above.
45.00	45.75	probable no core