

221330

PROJECT: MOINA

CORE SIZES: 0 - 71.00 NQ

LOGGED BY: P. ASKINS

HOLE NO: SMD 4

71.00 - 109.00 BQ

DRILLED: FEBRUARY 1976

ORIENTATION: VERTICAL

CO-ORDS: 700 E 240 S

FROM	TO	DESCRIPTION
0	65.90	BASALT, Frst to 50 m; fresh below 50 m. Agglomeratic and scoriaceous throughout - in places crumbly, except for massive 8 - 20m. Indurated jungle green coloured mudstone/tuff with contained basalt and scoria fragments in places e.g. 20.70 - 21.00, 26.70 - 27.00 29.80 - 30.50, vicinity of 34 (core loss), 40.00 - 40.70 (soft crumbly), 45.95 - 46.05 52.55 - 52.75.
65.90	67.70	MUDSTONE, Frst, dark khaki brown, soft, crumbly along bedding at 80°.
67.70	67.85	SANDSTONE, Frst, pale brown, m, bedding 80°.
67.85	68.37	POLYMICTIC CONGLOMERATE, Frst, with variable highly angular rock types (weathered skarn, etc.)
68.37	70.70	WRIGGLITE, Frst, normal type - a few pale f. calc-silicate layers at 80° - original beds?
70.70	71.30	CALC-SILICATE ROCK + WRIGGLITE, predominantly f pale calc-silicate rock with irregular and in places ghostlike wriggilite suggesting replacement of pre-existing wriggilite.
71.30	80.63	WRIGGLITE, fresh, with much f po, py, cp in the layers in places. Minor siliceous originally slumped? beds 2 cm wide at 76.80 - 77.00, overall at 80°.
80.63	81.40	METASILTSTONE, fresh, pale grey, f, with many quartz-chlorite veinlets
81.40	81.66	METASILTSTONE, fresh, pale grey and white, bedded at 80°. Possibly originally marly.
81.66	83.70	CALC-SILICATE ROCK + WRIGGLITE, similar to 70.70 - 71.30.
83.70	88.00	WRIGGLITE, fresh; has 30 - 40% siliceous bands which are overall at 80° about 1 cm wide but irregular outline. Possible original silty beds.
88.00	90.60	CALC-SILICATE ROCK + WRIGGLITE similar to 70.70 - 71.30 but calc-silicate is more siliceous in places and shows relict metasiltstone suggesting that this unit was originally impure bedded limestone.
90.60	91.25	CALC-SILICATE ROCK + METASILTSTONE, highly fractured and altered to dark chlorite; core very broken.
91.25	92.45	CALC-SILICATE ROCK + a little wriggilite, as at 88.00 - 90.10 but slightly leached.
92.45	93.80	FAULT ZONE - fractures at 0 - 15° containing calcite and dark khaki coloured chlorite, in calc-silicate rock and wriggilite.

TERTIARY