

COMMONWEALTH ALUMINIUM CORPORATION LIMITED
EXPLORATION DEPARTMENT
GEOLOGISTS DRILLING LOG

Project: BLYTHE ROAD - E.L. 4/77 Date: MARCH 19 80

Hole No BRD 1 Location (AMG) 403600mE/5421200mN Angle Vertical Azimuth

Hole No Location Angle Azimuth

Drilled by J. James Drilling Method JOY 22HD

Moving Rig Hrs

Operating Rig Hrs Core has not been photographed

Delays (specify) Hrs

Daily Total Hrs LOGGED BY: P.W. Askins

From	To	Advanced	Recovered	Description
0	3.60			SOIL and GRAVEL - pebbles of sandstone
3.60	9.00			PEAT- f black,
9.00	12.25			BASALT, CW, green
12.25	12.35			Gravel, some peat (probably collapsed material from above)
12.35	43.20			BASALT, SW to 15.75, Fr beyond, massive dark greenish, less than 10% vesicles with calcite + weathered zeolites? and montmorillonite
43.20	43.45			MANGANIFEROUS SILTSTONE, f, black
43.45	44.20			SILTSTONE, f, dark brown, fine bedding at 90°. Probably bentonitic
44.20	50.00			BASALT, Fr, dark greenish, overall 15-20% vesicles filled or partially filled with f cream xalline apophyllite?
50.00	51.80			CLAY & SEMICONSOL SILTSTONE, greys, greens some carbonaceous
51.80	54.00			SAND & GRAVEL
54.00	55.10			CLAY & SILTSTONE, carbonaceous
55.10	57.00			SAND & GRAVEL
				END OF HOLE

Remarks: 1. PEAT at 3.60 - 9.00 is probably source of I.P. chargeability anomaly.

2. Artesian water at about 52m brought up much sand, gravel etc. to surface, caused drilling difficulties, cessation of hole and loss of about 50m of casing.