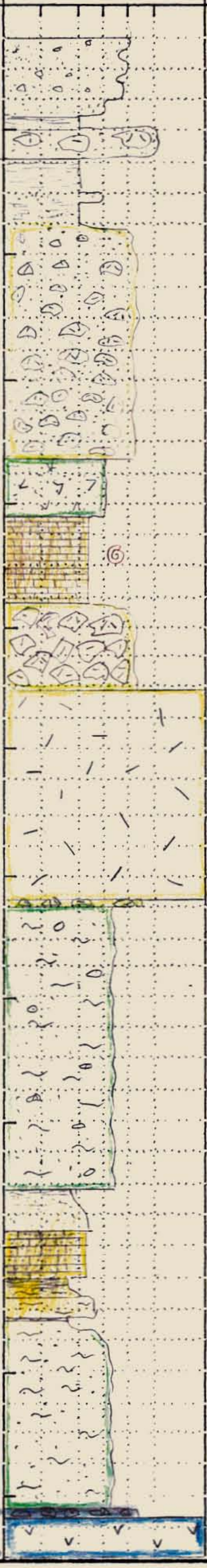
390903

GRAPHIC CORE LOG		Hole No. SHD6	Depth 249.50 m
Scale	1: 1000	Project	SOUTH HENTY
By	GRANT MACDONALD	Section	
Date	FEB '97	Collar co-ords	RL
Page	1 of 1	Az. °G	°

5 cm

Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast ϕ & Structure	

Depth (m): 20, 40, 60, 80, 100, 120, 140, 160, 180, 200, 220, 240, EOH 249.50



No core to 3.5m
Glacials 3.5 - 5.0m

F>Q xtal sst/bx. Bx contains <5% clasts of gn sl QFpR (MJR) & aphyric p gn. Blotchy alb/chl alt^n

Gy slt

Bx c F>Q mx but dominantly QFpR (MJR) clasts ~80% of rock.

Green/dark grey finely laminated slt/sh. So ~ 65° ca

Patchy F>Q xtal sst/bx c QFpR (MJR) clasts.
Gy slt c some sandier zones. So ~ 50° ca.

Bx. Clast rich ~ 50% in F>Q xtal mx. Clasts predominantly QFpR (MJR) c minor aphyric gn clasts (slt alt^n)
Pinky red colour c some alb/chl alt^n

Sandstone Green/grey dacitic? F xtal sst c 1% rdd ph long aphyric (or Fp) D? clasts
Limestone Pale to reddish ppl (hmt) lst. Very fossiliferous. Some sandy interbeds.

QFpR. Hyaloclastic upper part, massive c minor bx base (advancing apron?) Red long c angular q xtals to 2mm, 5%; F to 2mm, pink/orange ~5%. Basal bx appears to be associated c massive R - may be advancing apron. R becomes dk gn over last few metres. No sulphides or alt^n

Dacite volcaniclastic Dk gn/gy to smoky wt, m colour c ~ 5% wt F to 2mm & ~2-3% rdd sil FpD clasts. F xtals ubiquitous but somewhat irregularly distributed. This c od clasts & od pumiceous textures suggest rock is a Dacitic pumice bx. Diffuse wt alt^n (hard so si at least) is similar to my memory of alb/si alt^n at ~ this stratigraphic level at Henty. Minor sd. Alt^n weaker b/w 186m
Black shale/slt c marly mx. So ~ 40° ca (coarsens up & becomes more marly downhole)
Limestone. Pale green to grey. As if lst has formed in sst mx. Silty top So ~ 80° ca coarsening up downhole. Limey mx c lst component increasing downhole.
Dacitic pumice bx / marly limestone. Lst c textures of pm bx
Black sh/slt interbed.

Dacitic pumice bx c od dd aphyric org (or Fp?) clasts. Fy foliated at 70° ca, unaltered & no sulphides

Howards Basalt. Hyaloclastic top & then massive
Like basalt in NC1 & upper massive intersection in SHD-1