

	DESCRIPTION	REMARKS
0.0	Collar - LS 184N, 580mE. Bearing - 250° AMG, Incl. - 60°.	
	<u>GLACIAL SCREE</u>	
	Mostly Owen Conglomerate and quartzite. Some angular pebbles of the underlying volcanics occur towards the base of the scree.	
8.8m	<u>ORANGE/DARK GREEN BRECCIATED RHYOLITE.</u>	
	<u>Lithology:</u> Brecciated quartz-phyric volcanic rock with an orange coloured matrix rich in potash feldspar. The rock is highly deformed in places with the matrix being altered to dark green chlorite-sericite. This unit appears similar to the porphyritic rhyolite at the ends of LS5 and LS6.	
	<u>Structure:</u> A weak foliation is apparent at about 30° to core axis.	
	<u>Mineralisation:</u> Rare pyrite as stringers and disseminations related to the alteration. More abundant very fine-grained pyrite occurs as disseminations between 22.0m to 23.6m.	
23.6m	Sharp contact. Possible downhole facing as the following unit contains minor clasts similar to the above unit.	
	<u>SCHISTOSE QUARTZ CRYSTAL-VITRIC-(LITHIC) TUFF WITH MINOR SHALEY INTERBEDS.</u>	
	<u>Lithology:</u> Speckled white/green medium to coarse grained tuff with quartz grains up to 1mm and flattened dark green chloritic fragments which may have been pumice. Minor orange lithic fragments are also present. The schistose matrix consists of quartz, sericite, chlorite and minor carbonate. Shaley interbeds occur between 23.6 to 25.2m and 151.4m to 151.6m. The grain size increases downhole with a corresponding increase in the proportion of pink and grey lithic fragments, especially after 133.2m.	
	<u>Structure:</u> A weak foliation, due to alignment of phyllosilicates in the matrix, occurs at about 45° to the core axis, but this does not impart a structural weakness in the core. Movement along this foliation has drawn out altered fragments and broken quartz grains. 59.2-61.4m is reasonably broken, leached and paler in colour with some limonitic fracture coatings; possibly a fault zone. 67.0-67.2m is a puggy, highly sheared pale green fault zone. 103.0-105.6m contains abundant quartz-chlorite-feldspar-calcite veins.	
	<u>Mineralisation:</u> No visible mineralisation in the core. Rare pyrite and ? sphalerite was reported in a thin section from 24.0m. (Amdel Report GS 2001/82. Sampel S422).	
171.4m	Gradational Contact.	
	<u>DARK GREEN ALTERED CRYSTAL-VITRIC-LITHIC TUFF.</u>	
	<u>Lithology:</u> Similar to above unit but strongly altered and deformed. Quartz phenocrysts scattered throughout. Dark green ? pumice and pink/grey lithic fragments are	