

	DESCRIPTION	REMARKS
0.0	Collar - AMG co-ordinates: 5331047 mN 383616 mE Bearing: 292°, Inclination -70°. PALE GREEN SHEARED CRYSTAL-VITRIC-LITHIC TUFF/GRIT	EASTERN SEQUENCE
	Lithology: Foliated volcanic with primary textures largely destroyed by shearing and weathering but it may have been a crystal-vitric-lithic tuff or quartz grit derived from volcanic rocks. Quartz grains up to 4mm diameter, with overgrowths aligned along the foliation, are scattered throughout a pale green sericitic matrix. Dark green flecks, up to 3mm diameter, now comprised of chlorite-sericite, may have been feldspar phenocrysts, based on subhedral crystal shapes, and are locally abundant. The rock has a brecciated appearance in places. The proportion of lithic fragments increases downhole, especially towards the base of the unit.	
	Structure: Weathering extends to 9.5m, and thereafter in patches associated with more intensive fracturing and broken core. The zones of fresh rock are reasonably competent. The foliation occurs at about 10°-20° to the core axis.	
61.3m	STRONGLY SHEARED LIGHT GREY ?CRYSTAL-LITHIC TUFF	JUKES PTY FAULT ZONE
	Lithology: Strongly sheared and broken rock which appears to have originally been a crystal-lithic tuff similar to the above unit.	
	Structure: A shear zone which has locally produced a mylonitic appearance. The core is highly broken. Shearing is at about 20°-30° to the core axis.	
65.8m	DARK GREEN/PINK LITHIC-CRYSTAL TUFF/AGGLOMERATIC QUARTZ GRIT	BASAL EASTERN SEQUENCE
	Lithology: Sheared and brecciated, chloritised lithic-crystal tuffs/quartz grits with fragments of pink felsic lavas up to cobble size and quartz grains up to 5mm diameter. These are set in a dark green-grey chloritic-sericitic matrix. There are also some fragments of orange quartz- ?feldspar porphyritic ?crystal tuff. Relative proportions of crystal and lithic fragments vary considerably which may suggest a mixture of epiclastic and pyroclastic material.	
	Structure: Competency is variable, some highly broken zones, with partings along shear planes and fractures coated with ? carbonate and sulphides, occur locally within a reasonably competent unit which does not show a structural weakness associated with the foliation. There are zones containing irregularly-shaped ? tension gashes filled with ? carbonate-sericite + sulphides (mainly between 77.3-89.3m, 100.5-107.0m and 122.8-126.0m).	
	Mineralisation: 66.3- 71.0m Trace of disseminated and veinlet chalcopyrite-pyrite. 96.3-141.5m Minor scattered blebs and fine-grained disseminated pyrite. Trace of veinlet chalcopyrite, commonly associated with carbonate veinlets. Chalcopyrite more intense 98.5-104.0m	
141.5m	END OF HOLE.	