

February 1989

Relog of CM-1 PTB

(MTS Grid Coords 19+36W, 4+88S)

827585

Canamera/Copper Canyon

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0.0-37.8	Overburden							
37.8-65.75	Felsic crystal Tuff <FT, QFP>	light green	fgr.	mod. well fol. <1% rounded Qtz eyes up to 3mm 1-2% rounded to subhedral fairly fresh mm fsp Locally 3-5% fsp crystals		w ser Patchy m ser.	<1% py diss	Relog of CM-1 92B/13
65.75-69.7	Andesitic Ash <And A>	dk green	fgr.	w fol aphyric rare cherty ash (definitely chert dark green, barren) at 66.1m 67.5m 4cm of fine ash + chert laminations	67.5m 35° bedding	w chl Patchy strong chl.	tr py 67.5m 4cm 5%? of very fine syngenetic Pyrite within chert + Ash layers.	
69.6-85.5	Felsic Ash <FA>	light grey green/grey	Fgr	mod fol very rare 4mm Qtz eyes generally aphyric. rare very stretched dark green (pumice?) fragment		w ser	<1% cherty	
85.5-87.10	Fel-Int Lithic Tuff <FLT>	light green	fgr.	1-2% 4cm whitish grey siliceous felsic fragments. <1% whitish fsp.		w ser/chl	<1% py	
87.10-92.4	<FLT> Stringer Zone.			unit split due to 50-70cm Qtz pyrite stringers Host rock Felsic lapilli Tuff.			<3-5% py> 87.35-88.25 20% py 89.3-91.15 10% py	Stringer zone Ground = Felsic.

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92.4-103.0	Felsic Lapilli + crystal T. <FLT>	light gray green green gray	Sgr	W-m fol. 1-2% locally 5% <1cm siliceous fcl frags <1-3% very fine gr. patchy occasional patches 1% fsp. occasional indistinct dark green frags		W Ser	<2r py>	
103.0-118.0	Felsic Lapilli Tuff, Tuff Bx. Flow Bx? <FT Bx>	mottled creamy grey green	Frag	Patchy mottled fragmental appearance. dark green. fsp phytic w 1-2% py fsp also w/in creamy white material. Bimodal Fragment 1) most abundant large white grey felsic indistinct 2) dark green fsp py frags.		<VW Ser>	<1% py>	
118.0-175.56	Felsic Lapilli Tuff, Lithic Tuff <FLT>			Predominantly 1-3cm creamy felsic frag <1% rounded qtz eyes. patchy 1-3% fsp. below 140m frags less abundant smaller patches with abundant frags however. 147.9-149.6 felsic fragment in a fsp phytic andesite matrix 166.6 fragments of felsic ash pyritic 5% very fine py. poss: le sphalerite		<VW Ser>	<1% py>	124.1m 50cm with 25mm frags that contain fine reddish mineral = sphalerite??
		125.4-130.2 <Fault>						

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
				<p>1680 groundmass loading more andentite fsp phytic. fsp phytic to end of hole. 175.56 EOH</p>				

HOLE NO CM1