(200) T672 no. 842

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PLEASE REPLACE IN POCKET IN BACK OF BOUND VOLUME

Figure 4.--GRAPHIC LITHOLOGIC LOG OF THE U12i.01 VERTICAL DRILL HOLE, NEVADA TEST SITE

STATE NEVADA	DRILL HOLE U12i.01
COUNTY NYE	TOTAL DEPTH 647 feet
AREA NTS Area 12	GROUND EL. (COLLAR) 6304 feet
COORDINATES N 900,129 E 647,595	DIAMETER
SCALE 1"=10'	CASING RECORD

LITHOLOGY SYMBOLS - TUFF: GENERALLY PUMICEOUS; WELDED-PARTLY WELDED; VITRIC; DEVITRIFIED; ZEOLITIZED; CLAYEY; VITROPHYRIC

MODAL ANALYSES: SHARDS, PUMICE, LITHIC GRAINS, PHENOCRYSTS; K-FELDSPAR, PLAGIOCLASE, QUARTZ, MAFIC GRAINS

BEDDING: STRUCTURELESS; VERY THICK BEDDED; THICK BEDDED; THIN BEDDED; VERY THIN BEDDED; LAMINATED

ZEOLITIZED TUFF; WELDED TUFF; PARTLY WELDED TUFF; FELDSPAR; QUARTZ; LITHIC GRAINS; MAFIC GRAINS; GLASS (INCLUDES PUMICE); PHENOCRYSTS

PERCENT OF TOTAL ROCK	PERCENT OF PHENOCRYSTS	LITHOLOGY	REMARKS	BEDDING	VISUAL ESTIMATE (PERCENT)	CORE RECOVERY (percent)
100 80 60 40 20	100 80 60 40 20 0				0 25 50 75 100	
		ELEVATION (feet) / DEPTH (feet)				
			(Core begins at 451 ft)			
		5850 / 450				
		460	Dark-gray			54
		470	Brownish-gray stony; Lithophysae zone			75 / 100 / 75
		480				
		490	Pinkish-gray, vitreous; partly crystallized wisps of dark glass (fiamme)			93
		500	Lithophysae zone			
		5800 / 510	No core			83 / 0
		520				
		530				80
		540	Pale-pink and pale orange-gray; fine to coarse; coarse to lapilli white pumice slighty collapsed in upper part; coarse to lapilli dark-brown lithic fragments			
		550				
		5750 / 560				93
		570	Light-gray to white, fine to coarse			
		580	Nonbedded ash-flow			
			Bedded ash-fall			
		590	Light-gray to white, fine to coarse			
		600				
		5700 / 610	Orange-brown, fine			10
		620	Light brownish-gray, fine, interbedded crystal and vitric tuffs; friable			12
		630				
Probable contact of subunits I-12 and I-11 mapped in U12i.01 tunnel →	I-12 / I-11					
		640	Light tannish-gray, fine, friable; contains coarse white pumice and colorless obsidian fragments			42
			(Bottom of hole)			
		650				
		5650				