

DIAMOND DRILL REPORT

Location

CO-ORDINATE

N 82° 0'

E 125° 0'

Elevation Collar

3788

Direction of hole

Down

Dip of hole

vert.

Date Started

Nov 1/55

Date finished

Dec. 14/55

Large core from

Bx 0 - 131

to

#1458

Oriental Surface

Small core from

A x 131 - 138

to

Date

Core Recovery

Depth
From to

% Rec

General

Economic

0 - 132

Overburden

132 - 329

Buff grey f. sp., silic., porphy. inter-
flow or sill. Neck speinlets pyrite
1% felds. phenos. Bleached. Considerable fracturing to
170' Limestone staining along fractures to 131'
Fairly massive 170' alteration along fractures.
275-277. Grey-green, soft, altered fsp. - a few silicified grains
of poly. silic. material. Thin at altered zone.

329 - 334

Grey-green andesite 277. Fairly
soft. Eddy appearance due to calcite grains.
One amyg. frag. at 334. Fractured.

334 - 396

Arboresc. calc. congl. Body of matric
dark sand. 337-339.
Considerable fracturing - epidote veining 380-396

396 - 644

Dark grey-green fsp. andesite flow.
A few tiny calcite amyg. Some red hematite
staining. Not much fracturing.
Considerable calcite, epidote, silic. + hematite veining 420-440.
Frag. zone 435-440 amyg. frags. & frags. with chl. flecks only. 2 sp.

440 - 455

Zone of flow with tiny chl. flecks only. No amyg. No
veining. No hematite staining.

455 - 471

aggl. as 435-440 - veining. More fracturing.
471. - andes. flow again with veining.
Probably pillow lava

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Evaluation Collar Direction of hole Dip of hole

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Small core from to

H. 1458

DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH		% REC.			
	FROM	TO				
Bed. Rock	122	133	1.0		644-648	Gray-green tuff. Normal type
X. Core	133	136	1.6		Consid. fracture.	Same as bed. rock
	136	139	1.1			
	139	140	0.4	51	648-665	Bedded reddish grayish green tuff. Med. even gr. Also reddish brown grains. Minor fracture.
	140	142	0.5		665-657	Bed of green-black chert with minor sub-stone
	142	144	0.6			vs. shale. Heavy fracture.
	144	147	1.2	33		
	147	152	0.5			
	152	154	1.4		665-683-689	Chert tuff. Tuff. with light co. beds.
	154	158	1.6	32	Consid. fracture to 673.	Heavy bed. to 673.
E. Core from	158	164	2.2		usual.	
	164	166	1.2			
	166	170	2.6	51	689-693	Grayish reddish bedded tuff. med. to co. Fractured. Heavy.
	170	180	10.0	100		
	180	190	10.0	100		
	190	200	10.0	100	693-699	Greenish black chert with streaks. Heavy.
	200	205	2.1	42	Consid. fracture.	
	205	215	4.0	41		
	215	225	10.1	100	699-779	Gray-green tuff. to 665-689.
	225	235	7.4	75	Consid. fract.	Heavy bedded. Making 730-755
	235	245	10.1	100	Chert. sub-stone. Throat.	Heavy. Fracture and zone.
	245	255	8.4	84		
	255	265	9.8	98	779-815	Dark gray. Bedded. Chert. sub-stone. Fracture.
	265	275	5.0	53		
	275	285	10.1	100	Chert. sub-stone. Also opidite. Fractured.	Minor compaction
	285	295	10.2	100		
	295	305	7.2	72		
	305	315	9.6	96	815-825	Dark gray-brown porphyry. Fracture.
	315	325	10.0	100		
						Chert. sub-stone. Fracture. Consid. fracture. Fracture.

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	DEPTH		% REC.			
	FROM	TO				
	325	329	0.6		825-830 Arkose, congl. to 719-815.	Fractured & cemented.
	329	335	4.7	53	siliceous calcite.	
	335	337	1.0			
	337	341	2.8			
	341	345	1.8	56	830-937 Gray. gr. - grayish calcite truf.	
	345	349	0.6		thinly bedded. felds. & quartz.	Remnant of
	349	353	0.8		trachytic. siliceous 835-837. Consider. siliceous & calcite.	
	353	357	0.3	14	matrix. siliceous & calcite remaining. Fractured.	
	357	362	1.3		Brownish & yellowish interbedded. also thin network	
	362	367	2.7	40	of calcite. Zones of cement. fragments 876-886,	
	367	369	1.3		Occasional glass. 926-937.	
	369	372	1.4	54		
	372	375	0.9			
	375	380	0.6	19	937-998 Dark gray-green inter. aggl.	
	380	391	2.1	19	Mainly amyg (calcite, apophyses) frags. thin & frags. also	
	391	398	4.8	69	have chl. flecks. altered felds. & quartz. a few of smaller	
	398	405	4.8	69	frags. are f. q. dark gray-green type. Matrix is f. q. to quartz.	
	405	415	7.9	79	Dark gray-green. matrix patchy, calcite & siliceous	
	415	425	9.5	95	in matrix - calcite dominant. Some calcite remaining	
	425	432	6.2	94	Fractured. Occasional fine black pyrite.	
	432	442	10.4	100		
	442	445	2.0		998-1017 Gray-green to brown. Some altered,	
	445	448	1.7	62	soft. matrix, altered felds. - felds. disintegrated.	
	448	451	1.1		alteration to 1009 & pale green alteration 1009-1017.	
	451	455	3.1		A few minor fractures. A few amyg. & thinnest.	
	455	458	2.6	68	Minor calcite remaining. Barren.	
	458	468	7.8	78		
	468	472	3.3			
	472	475	2.3	80	1017 End.	

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	DEPTH			% REC.		
	FROM	TO				
	475	485	9.1	91		
	485	493	6.8	85		
	493	503	9.8	98		
	503	513	9.2	92		
	513	522	7.8	91		
	522	530	8.4	100		
	530	540	6.5	91		
	540	550	10.3	100		
	550	560	10.2	100		
	560	570	10.3	100		
	570	580	10.2	100		
	580	590	10.1	100		
	590	594	4.9	100		
	594	604	10.0	100		
	604	614	10.0	100		
	614	624	10.2	100		
	624	634	10.4	100		
	634	636	1.9			
	636	645	7.0	81		
	645	649	4.2			
	649	655	11.5	67		
	655	659	1.0			
	659	662	2.9	56		
	662	668	4.4			
	668	673	0.7	46		
	673	683	8.5	85		
	683	687	3.8			
	687	694	5.4	84		
	694	700	1.6	27		
	700	702	1.3			

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Small core from to

DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH			% REC.		
	FROM	TO				
	703	707	1.2	36		
	707	709	0.4			
	709	718	3.4	35		
	718	723	0.9			
	723	727	0.6			
	727	730	2.0	29		
	730	735	1.2			
	735	741	3.3	41		
	741	743	0.7			
	743	746	1.8			
	746	751	1.9	44		
	751	755	1.1			
	755	760	1.2	26		
	760	765	2.6			
	765	769	0.3	32		
	769	774	2.3			
	774	779	3.2	55		
	779	780	0.7			
	780	785	2.0			
	785	789	1.7	55		
	789	790	2.3			
	790	797	6.4	87		
	797	805	7.8			
	805	808	1.3	83		
	808	817	8.3	92		
	817	821	0.9	22		
	821	825	3.0			
	825	830	3.0	72		
	830	839	7.9	100		

Small core from to

H 1458

[illegible]