

DIAMOND HILL REPORT.

Hole No. 291.8 Location CO-ORDINATES: N 8500 E 12500
 Evaluation Collar Direction of hole down Dip of hole vertical
 Date Started May 10/55 Date finished Aug 1/55 Large core from BX 0-143
1352 Oriental Surface Small core from A 143-677

DATE	CORE RECOVERY			GENERAL	ECONOMIC
	DEPTH		% REC.		
	FROM	TO			
				0 - 140 Drilled.	799- Eng
				140 - 145 Very fine to, cat- and. Diff.	
				145 - 148 Brown. More green in center. Very	
				148 - 310 - 330 High colored stuff. 1 ft. light	
				310 - 330 Darker. Trachyte to hyalite. Flows of	
				330 - 340 1-2 ft. med. sized gr. phos.	
				340 - 350 1-2 ft. med. sized gr. phos.	
				350 - 360 1-2 ft. med. sized gr. phos.	
				360 - 370 1-2 ft. med. sized gr. phos.	
				370 - 380 1-2 ft. med. sized gr. phos.	
				380 - 390 1-2 ft. med. sized gr. phos.	
				390 - 400 1-2 ft. med. sized gr. phos.	
				400 - 410 1-2 ft. med. sized gr. phos.	
				410 - 420 1-2 ft. med. sized gr. phos.	
				420 - 430 1-2 ft. med. sized gr. phos.	
				430 - 440 1-2 ft. med. sized gr. phos.	
				440 - 450 1-2 ft. med. sized gr. phos.	
				450 - 460 1-2 ft. med. sized gr. phos.	
				460 - 470 1-2 ft. med. sized gr. phos.	
				470 - 480 1-2 ft. med. sized gr. phos.	
				480 - 490 1-2 ft. med. sized gr. phos.	
				490 - 500 1-2 ft. med. sized gr. phos.	
				500 - 510 1-2 ft. med. sized gr. phos.	
				510 - 520 1-2 ft. med. sized gr. phos.	
				520 - 530 1-2 ft. med. sized gr. phos.	
				530 - 540 1-2 ft. med. sized gr. phos.	
				540 - 550 1-2 ft. med. sized gr. phos.	
				550 - 560 1-2 ft. med. sized gr. phos.	
				560 - 570 1-2 ft. med. sized gr. phos.	
				570 - 580 1-2 ft. med. sized gr. phos.	
				580 - 590 1-2 ft. med. sized gr. phos.	
				590 - 600 1-2 ft. med. sized gr. phos.	
				600 - 610 1-2 ft. med. sized gr. phos.	
				610 - 620 1-2 ft. med. sized gr. phos.	
				620 - 630 1-2 ft. med. sized gr. phos.	
				630 - 640 1-2 ft. med. sized gr. phos.	
				640 - 650 1-2 ft. med. sized gr. phos.	
				650 - 660 1-2 ft. med. sized gr. phos.	
				660 - 670 1-2 ft. med. sized gr. phos.	
				670 - 680 1-2 ft. med. sized gr. phos.	
				680 - 690 1-2 ft. med. sized gr. phos.	
				690 - 700 1-2 ft. med. sized gr. phos.	
				700 - 710 1-2 ft. med. sized gr. phos.	
				710 - 720 1-2 ft. med. sized gr. phos.	
				720 - 730 1-2 ft. med. sized gr. phos.	
				730 - 740 1-2 ft. med. sized gr. phos.	
				740 - 750 1-2 ft. med. sized gr. phos.	
				750 - 760 1-2 ft. med. sized gr. phos.	
				760 - 770 1-2 ft. med. sized gr. phos.	
				770 - 780 1-2 ft. med. sized gr. phos.	
				780 - 790 1-2 ft. med. sized gr. phos.	
				790 - 800 1-2 ft. med. sized gr. phos.	
				800 - 810 1-2 ft. med. sized gr. phos.	
				810 - 820 1-2 ft. med. sized gr. phos.	
				820 - 830 1-2 ft. med. sized gr. phos.	
				830 - 840 1-2 ft. med. sized gr. phos.	
				840 - 850 1-2 ft. med. sized gr. phos.	
				850 - 860 1-2 ft. med. sized gr. phos.	
				860 - 870 1-2 ft. med. sized gr. phos.	
				870 - 880 1-2 ft. med. sized gr. phos.	
				880 - 890 1-2 ft. med. sized gr. phos.	
				890 - 900 1-2 ft. med. sized gr. phos.	
				900 - 910 1-2 ft. med. sized gr. phos.	
				910 - 920 1-2 ft. med. sized gr. phos.	
				920 - 930 1-2 ft. med. sized gr. phos.	
				930 - 940 1-2 ft. med. sized gr. phos.	
				940 - 950 1-2 ft. med. sized gr. phos.	
				950 - 960 1-2 ft. med. sized gr. phos.	
				960 - 970 1-2 ft. med. sized gr. phos.	
				970 - 980 1-2 ft. med. sized gr. phos.	
				980 - 990 1-2 ft. med. sized gr. phos.	
				990 - 1000 1-2 ft. med. sized gr. phos.	

DIAMOND DRILL REPORT

Hole No. _____ Location _____ CO-ORDINATES: N _____ E _____

Evaluation Collar _____ Direction of hole _____ Dip of hole _____

Date Started _____ Date finished _____ Large core from _____ to _____

Small core from _____ to _____

H-1352

DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH		%	REC.		
	FROM	TO				
Bed Rock 140	140	143	1.2		340 - 371	Grey to pale grey bleached
	143	145	1.0	44	acid in. buff or about a facies	1-2%
	145	151	5.2	70	gully grains - some enlarged	Considerable introduction
	151	156	1.1	90	gully which has masked rock	Originally not
	156	161	5.0	92	Hard, also somewhat gully, originally gully, green	
	161	166	4.2		Height decrease & weight of points throughout	
	166	169	2.6		Fractured. Heavy fracture 364-370	
	169	174	3.1			
	174	176	0.7	71	371-422	Light discolored - Slogargla Chilled
	176	181	5.1		margin. Fine gr. In. with amy.	
	181	185	2.7	100	Fractured to 400. Whose 400-422	
	185	195	10.0	100		
	195	200	6.2	100		
	200	209	8.9	100	422 - 467	Arkosic conglomerate. Out. beds.
	209	213	4.5	100	medium. bedded. Defers. a little. 422	
	213	223	10.0	100	Only a few greenish layers of lava fragments	
	223	227	4.3	100		
	227	237	9.7	97		
	237	247	8.8	88	467-490-569	Amyg. Under basalt pillow lava
	247	253	6.0	84	Calcareous amyg. (consid. sp. data)	
	253	256	3.7		Heavy calc. in bed. & some in 490-500. also some in 513-534	
	256	257	1.1		Consid. introd. again 513-534. Lower fracture 550-569	
	257	261	2.4	90		
	261	265	1.7		569 - 586	Arkosic congl. as above. Lower fracture
	265	270	3.2	54	Heavy calc. & calc. sp. data	
	270	276	0.7		586-590-638	Calcareous. 5% gully. 10% Feich
	276	280	0.5	12	Grav. siltstone. Minor fracture	
	280	285	0.6		Consid. fracture 527-638	
	285	290	0.7	13		
	290	295	0.8			

DIAMOND DRILL REPORT

Hole No. Location CO-ORDINATES: N E

Evaluation Collar Direction of hole Dip of hole

Date Started Date finished Large core from to

Small core from to

#1352

DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH		% REC.			
	FROM	TO				
	295	298	1.5	29	638-677-763	799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	298	304	1.9			799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	304	309	4.0	64		799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	309	317	8.1	100		799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	317	327	10.2	100		799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	327	332	5.8	100		799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	332	335	1.9			799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	335	340	4.7	82		799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	340	349	8.0	89	763-779	799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	349	359	9.5	95		799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	359	364	3.5			799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	364	370	0.5	36		799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	370	377	1.8	26		799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	377	380	1.4		799-836	799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	380	382	0.4			799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	382	387	2.7	51		799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	387	391	1.0			799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	391	397	1.8	28	836-847	799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	397	400	2.1			799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	400	407	7.2	96		799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	407	417	10.3	100	847-892	799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	417	421	4.5			799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	421	427	3.2	79		799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	427	437	10.2	100		799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	437	440	1.7			799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	440	444	4.2			799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	444	447	2.0	79		799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	447	453	4.6			799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	453	458	3.0	90		799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained
	458	467	9.3	100		799 greenish sil. tuff. 2-8 1/2 fclds. - orange stained

DIAMOND DRILL REPORT

Hole No. Location CO-ORDINATES: N

Evaluation Collar Direction of hole Dip of hole

Date Started Date finished Large core from to

Small core from to

H-1352

DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH		% REC.			
	FROM	TO				
	467	477	7.6	80	950' → first amyg. porphy. andes. flow frag. - gulf amyg.	
	477	487	10.1	100	& fairly frequent frag. 950' - 2. Matrix same as before	
	487	497	10.1	100	487 → 1111 numerous amyg. porphy. andes. flow frags. Patches	
inter.	497	506	8.9	100	& matrix also strongly feldspathic with white green. More andesitic look.	
III → full break.	506	513	7.3	100	Chilled dyke 971-975. Fractured. (matrix - dark - brown)	
amyg. frag.	513	519	4.3	77	amyg. inter. buff frags also present.	
	519	528	9.3	100	Occasional high chlorite. Pyrite 1111 → more inter. again as before	
	528	533	4.2	88	from 950' - 975. Matrix in part chlorite	
	533	537	3.3		1184-1198.5 Pale grey - green fgy. porphy. (inter. matrix) vitric	
1239-45	537	543	6.9	100	inter. buff flow. Pyrite. Also large boulders / vitric	
	543	553	7.1	81	Pyrite. Also large boulders / vitric. 1198-99	
section vitric	553	560	7.7	100	1257.5-1268.5 Same of grey buff silic. inter. - unbroken	
fg. inter. buff	560	570	6.1	9	Highly vitric inter. buff. Hard - but appears to have been a buff	
as 1184-98.5	570	575	3.0	60	1268.5-1273.5 Soft grey - green fgy. buff. inter. vitric	
	575	579	2.2	55	1274-1300 - silic. vitric fgy. Buff staining 1291 → vitric inter.	
	579	581	1.0		patch with frag. Same as above. Buff colored inter. unbroken.	
	581	586	1.6	37	Also some calc. staining inter. vitric	
	586	597	7.9		1311 - Dark grey, green inter. buff. buff. & fgy. felds. & 1311-1319	
	597	598	1.1	92	numerous vit. green. Also feldspathic areas as before	
	598	608	10.1	100	1319-1322 Buff - feldspathic hard, silic. fgy. structures sh. buff. g. buff. boulders	
	608	614	3.4	60	1330-1344 Chilled (hard) staining. 1344-1370 fgy. felds. pp.	
	614	624	10.2	100	Same section. Bleached buff grey. Usual quartz inter.	
	624	629	4.3		buff. Mainly fgy. vitric inter. buff. 1351-611	
	629	632	1.1		In general fairly solid. Fractured.	
	632	635	1.6	64		
	635	640	2.3		1361-1370 Reddish buff porphy. fgy. silic. sh. gyl.	
	640	644	0.8	34	Lower buff. altered soft staining. 1370-1375 felds.	
	644	650	2.9		Fractured.	
	650	653	0.6	39	Looks like flow contact at 1370. Contact	
					light, unbroken.	

DIAMOND DRILL REPORT

Hole No. Location..... CO-ORDINATES: N E

Evaluation Collar Direction of hole Dip of hole

Date Started Date finished Large core from to

Small core from to

1352

DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH		% REC.			
	FROM	TO				
	653	657	0.5		1370 - 1387 Arkose quartz - green ls., partly, tuff. ls. with quartz. Int - a. dol. stuff to andes. tuff. Dissected on both sides of contact for about 6" with ls. flow. Dissection stronger in andes. tuff. Dissection 60° to core.	
	657	665	4.2	39		
	665	672	4.2			
	672	677	4.1	75		
	677	687	9.3	100		
	687	693	7.2			
	693	696	3.2	100	1387-1406-1415 Arkose quartz. Reddish tuffaceous grey-green & buff-quartz. Some inter-bedded mixture to 1406. Mass ls. Med. grained - buff-grained. Some reddish hematite weighing 1406. Some siltstone present. Tight contact between andes. & arkose. 1415 End of Hole.	
	696	697	1.3			
	697	704	4.6	74		
	704	712	7.6	96		
	712	722	10.0	100		
	722	728	6.1	100		
	728	734	4.8			
	734	737	1.1	66		
	737	743	2.5			
	743	747	3.9	64		
	747	752	2.6			
	752	757	2.6	52		
	757	764	6.5	93		
	764	770	3.2	53		
	770	775	0.9			
	775	780	5.9	68		
	780	787	3.5			
	787	791	3.2	61		
	791	795	3.1			
	795	802	6.5	96		
	802	811	10.0	100		
	811	821	10.0	100		
	821	828	7.0	100		

DIAMOND DRILL REPORT

Hole No. 1352 Location CO-ORDINATES: N
 Elevation Collar Direction of hole Dip of hole
 Date Started Date finished Large core from to

Small core from to

Date	Core Recovery		% Rec
	Depth From	to	
	828	837	7.4 82
	837	847	10.4
	847	849	1.3 99
	849	860	10.4 96
	860	870	10.2 100
	870	880	9.8 98
	880	891	10.2 93
	891	898	3.6
	898	901	2.0 56
	901	905	2.1
	905	910	1.4
	910	912	1.0 41
	912	914	1.5
	914	922	8.5 100
	922	933	9.4 85
	933	942	8.6 99
	942	948	6.2
	948	953	4.8 100
	953	963	7.0 70
	963	971	5.3 66
	971	981	8.8 88
	981	991	9.4 94
	991	1002	10.5 95
	1002	1012	7.2 72
	1012	1015	1.7
	1015	1019	1.4 44
	1019	1028	6.6 73
	1028	1035	6.6 99
	1035	1045	10.3 100
	1045	1053	5.5 69

General

Economic

DIAMOND DRILL REPORT

Hole No. Location..... CO-ORDINATE: N

Elevation Collar Direction of hole Dip of hole

Date Started Date finished Large core from to

H-1352

Small core from to

Core Recovery			
Depth			% Rec
From	to		
1053	1063	7.0	70
1063	1074	9.7	88
1074	1085	6.9	63
1085	1096	10.3	94
1096	1102	5.3	88
1102	1111	8.0	94
1111	1121	10.5	100
1121	1130	8.1	90
1130	1136	1.5	25
1136	1147	4.1	
1147	1144	0.4	56
1144	1148	0.6	
1148	1154	5.0	56
1154	1165	10.0	91
1165	1174	6.5	
1174	1177	1.0	62
1177	1184	4.7	
1184	1186	1.1	67
1186	1196	10.2	100
1196	1207	10.2	93
1207	1212	2.6	
1212	1215	0.8	49
1215	1225	10.5	100
1225	1235	8.0	80
1235	1240	2.0	
1240	1245	4.3	63
1245	1253	10.0	100
1253	1266	10.2	94
1266	1276	10.1	100
1276	1286	10.0	100

DIAMOND DRILL REPORT

Hole No. Location..... CO-ORDINATES: N.....E.....
 Elevation Collar Direction of hole Dip of hole
 Date Started Date finished Large core from to

#1352 Small core from to

Date	Core Recovery		% Rec	General	Economic
	Depth From	to			
	1286	1291	2.6	52	
	1291	1300	5.8	64	
	1300	1304	0.6	15	
	1304	1306	1.5		
	1306	1315	9.0	96	
	1315	1325	10.2	100	
	1325	1327	1.4		
	1327	1330	0.9		
	1330	1335	3.4	57	
	1335	1341	5.5	91	
	1341	1351	8.3	83	
	1351	1361	7.1	71	
	1361	1369	6.5	81	
	1369	1375	4.0	67	
	1375	1385	6.8	73	
	1385	1395	10.5	100	
	1395	1406	10.4	95	
	1406	1415	7.5	83	