

DIAMOND HILL REPORT

Hole No. _____ Location _____ CO-ORDINATES: N 17000 - E 12,000

Evaluation Collar 3869 Direction of hole _____ Dip of hole _____

Date Started Sept 21/71 Date finished Nov. 30/71 Large core from AX core 96-101 to _____

2847 Oriental North

Small core from _____ to _____

DATE	CORE RECOVERY			% REC.	GENERAL	AX casing 10 - 100	ECONOMIC
	DEPTH						
	FROM	TO					
					0-96	Overburden	
					96-370	Under tuff.	
					96-156	Under tuff. Fg. Partly ch. Very minor foliation. Consider. fracture & breccia.	
					156-174	Dacite tuff. Very hard. A few gntz. eyes. Grey chert. Wetted?	
					174-179'	Under tuff.	
					179-182	Brownish dacite - co. gntz - numerous. Looks like #2 looking dacite.	
					182-191	Under tuff.	
					191-204	Dacite. brownish to 192.5'. 192.5'-2 dark grey gntz. Still numerous co. gntz. Partly chlorite.	
					204-220	Under tuff - gritty.	
					220-329	Brownish dacite co. gntz.	
					329-334	Under tuff. - fg.	
					334-365	greyish dacite - g. gntz. not so co. & less some small chl. patches.	
					365-370	Under tuff. Foliated 45-60° to core. some hematite 365-370.	
					370-419	Under tuff. Fg. amyg patches. Calcite amyg. like ss. shys. in places. Some erratic hematite staining. Consider. fracture & breccia.	
					370.5-394.5	con. dacite gntz. A few mined type frags.	
					419-1391-1418-1475-1622-1710	3. Gntz. Upper alkalic. Lower Dacitic brown - cherted gntz. in part. Grey, var. dark grey, buff-grey. fine to co. Some narrow almost silty bands. Minor bedding about 60° to core.	

DIAMOND DRILL REPORT

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Evaluation Collar _____ Direction of hole _____ Dip of hole _____

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

Small core from _____ to _____

NEW HOLE 2947

DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH		•	% REC.		
	FROM	TO				
BECK Pk.	96'	3x.101			457.5-476	close to a re-dacitic
	101	106	1.9		full with numerous tiny frags - mixed	
	106	116	3.1		patches of quartz	
	116	121	0.9		476-484 cl. quartz	
	121	126	0.7		484-500 more typical Arkose gntz -	
	126	129	2.0		medium to brownish grey - minor lineation	
	129	136	1.4		of quartz.	
	136	140	1.3			
	140	143	0.7		609-622 Andes. sill	
	143	147	1.5		698-700 grey green dacitic gntz	
	147	149	1.1		769-1069 Arkose gntz	
	149	152	2.1		775-784-789 Andes. sill	
	152	154	2.2		835-921	" "
	154	160	4.1		941-949	" "
2.2	160	170	8.3		964-971	" "
	170	175	1.5		977.5-984	" "
	175	185	7.4		986-987	" "
	185	193	6.2		992.5-1007.5	" "
	193	199	2.0		1012-1041	" "
	199	206	3.5		1052-1069	" "
0.7	206	212	2.9		1069-1099	dark gntz
	212	217	3.3		1099-1105	" "
	217	221	2.4		1149-1168	" "
	221	228	3.1		1185-1187	" "
	228	232	1.2		1192-1216 in part a co. from gntz. drat.	
	232	237	3.8		1218-1232	
	237	246	8.4		1232-1274- Arkose gntz. reddish.	
2.8	246	256	5.7		1265-1274 med. green g. reddish part	
	256	263	3.9		1790-1792 dark gntz	
					1218-1504-1622 co.-med. to fine Arkose gntz	

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H. 2947.

DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH		% REC.			
	FROM	TO				
	263	266	0.8		1597-2 very co. arkose grits	
	266	271	2.3		1632-1643 arkose breccia	
	271	279	3.8		1664-1669 "	
	279	284	1.3		1677.5-1710 "	
	284	295	2.3			
	293	297	0.8			
	297	303	1.4		1710-1715 Co. dark grey green inter. tuff - numerous tiny frags -	
	303	307	1.0		minid - approaching volc. breccia matrix calcareous -	
	307	310	0.3		inter	
	310	314	0.6			
	314	318	0.5		1715-1732 Bedded dark grey tuffs - bedding 35°	
	318	322	0.7		to core lightly disintegrated. Co. & even grained	
1.4	322	334	9.2		Volc. grit - after inter. tuffs. Soft.	
	334	342	4.4			
	342	346	0.3		1732-1744-1762	
	346	351	2.5		Amyg. andes. flow. Dark greenish black	
	351	359	3.5		Fine. Mn. hematite. Considerable fracture - calcareous	
	359	366	4.1		Flow contact about 45° to core	
7.5	366	376	9.3			
	376	383	5.8		1762-1772 Inter. aggl. Felds. inter. flow frags	
	383	388	4.0		in felds inter. quartz. tuff matrix. Hematite stained	
	388	390	2.1			
	390	391	0.3		1772-1825 Chilled amyg. andes. flow. Grey black	
	391	400	4.4			
	400	405	2.7			
	405	407	1.0		1825' End	
	407	412	1.9			
2.6	412	420	7.9			
	420	422	2.0			

DIAMOND DRILL REPORT

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Date Started Date finished Large core from to

Small core from to

DATE

CORE RECOVERY

DEPTH

FROM

TO

% REC.

GENERAL

ECONOMIC

422 430 7.6

430 432 1.9

432 435 2.3

435 437 0.9

437 444 6.3

444 445 0.7

445 449 3.3

449 454 5.0

454 457 2.5

457 458 1.1

458 468 9.5

6.9 468 478 9.6

478 488 10.1

488 495 7.1

495 505 7.8

0.9 505 514 10.3

514 524 9.8

524 529 4.2

529 534 4.1

6.0 534 544 10.3

544 549 5.3

549 556 2.8

10.1 556 576 20.0

576 586 9.9

9.2 586 598 10.2

598 605 6.5

605 613 10.0

613 619 2.7

8.1 619 629 10.5

DIAMOND DRILL REPORT

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

Small core from _____ to _____

DATE	CORE RECOVERY			GENERAL	ECONOMIC
	DEPTH		% REC.		
	FROM	TO			
	634	639	9.4		
	639	649	9.4		
1.6	649	659	3.1		
	659	667	9.1		
	667	670	2.8		
	670	677	2.7		
	677	684	2.3		
	684	692	4.1		
3.5	692	702	5.7		
	702	712	10.0		
	712	722	10.0		
2.6	722	732	9.7		
	732	742	10.1		
	742	752	10.1		
1.3	752	771	19.4		
	771	780	6.9		
4.0	780	787	6.8		
	787	791	3.5		
	791	797	4.1		
	797	804	5.3		
	804	814	7.3		
4.7	814	824	8.0		
	824	826	0.7		
	826	833	3.0		
	833	843	8.0		
	843	853	8.0		
3.9	853	867	3.1		
	867	866	1.9		
	866	876	9.6		

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Small core from _____ to _____

DATE	CORE RECOVERY			GENERAL	ECONOMIC
	DEPTH		% REC.		
	FROM	TO			
	876	886	12.0		
	886	890	1.7		
2.0	890	898	7.8		
	898	900	1.5		
	900	910	10.0		
	910	920	10.0		
1.2	920	925	2.1		
	925	934	3.7		
	934	940	0.9		
	940	946	0.3		
	946	948	1.2		
	948	949	0.8		
	949	959	10.2		
	959	963	3.8		
5.0	963	969	6.0		
	969	971	1.7		
	971	981	8.8		
	981	991	9.3		
6.9	991	1001	11.3		
	1001	1011	10.1		
	1011	1021	9.9		
	1021	1025	2.7		
	1025	1027	0.8		
0.4	1027	1030	3.3		
	1030	1031	0.2		
	1031	1041	10.1		
	1041	1048	2.9		
	1048	1052	1.6		
10.2	1052	1062	10.3		

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	DEPTH					
	FROM	TO				
	1062	1072	12.4			
	1072	1082	10.0			
5.7	1082	1094	8.7			
	1094	1106	9.0			
	1106	1118	12.4			
	1118	1122	3.5			
	1122	1142	3.9			
	1142	1150	3.1			
	1150	1155	2.5			
	1155	1166	10.5			
	1166	1176	4.1			
	1176	1183	0.7			
	1183	1184	1.6			
	1184	1184	0.5			
0.3	1185	1194	9.8			
	1194	1203	2.1			
	1203	1209	1.0			
	1209	1211	0.4			
	1211	1216	1.3			
	1216	1222	7.1			
6.8	1222	1232	10.0			
	1232	1246	6.7			
	1246	1252	3.5			
	1252	1261	4.1			
	1261	1264	1.2			
9.0	1264	1281	9.9			
	1281	1291	10.2			
	1291	1303	9.7			
6.8	1303	1314	13.4			

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H. 2947

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	DEPTH		% REC.		
	FROM	TO			
	1314	1323	8.9		
	1323	1333	10.1		
2.9	1333	1346	13.2		
	1346	1352	5.5		
	1352	1362	10.0		
1.3	1362	1372	11.0		
	1372	1376	4.2		
	1376	1386	10.0		
4.2	1386	1396	10.0		
	1396	1405	8.0		
	1405	1415	10.4		
	1415	1427	12.2		
	1427	1437	10.3		
	1437	1447	9.9		
	1447	1450	2.3		
	1450	1460	8.9		
	1460	1470	10.2		
	1470	1480	10.2		
	1480	1490	10.0		
	1490	1500	9.8		
	1500	1510	10.0		
	1510	1520	10.3		
	1520	1530	10.2		
	1530	1540	10.2		
	1540	1550	10.4		
	1550	1560	10.2		
	1560	1567	3.6		
	1567	1574	5.6		
	1574	1578	2.0		

