

DIAMOND DRILL REPORT

Hole No. _____ Location _____ CO-ORDINATES: N 9500 E 12,500

Evaluation Collar 3804 Direction of hole Down Dip of hole vertical

Date Started April 11/57 Date finished June 7/57 Large core from 6x 106-130 to

1633 Surface Oriental Small core from AX 130-1007 to

DATE	CORE RECOVERY			% REC.	GENERAL	ECONOMIC
	DEPTH					
	FROM	TO				
					0-116 Breckinridge.	
					116-184 Grey-green 137 andesite druff. Fairly soft. Fractured - calcite veining 119-127 Epidioritic section 5-107. 164-7 narrow section of pale calcite, 9 in. 164-7 narrow Lamination + sheeting 45° to close with vesicles & pyrite. 4" to 1" calcite vein at 471. Calcite vein 472-473. Ch. & amyg. and. aggl. 473-474 Mainly calcite vein 474-475. Thachytic replacement - unmapped 476-477.	
					484-531 Amyg. and. aggl. Rept. calcite amyg. Fractured. Calcite veining Hematite staining Epilite alteration Siliceous veining Greenish black	
					531-602 Airborne congl. Co. gr. matrix. Fractured - calcite veining Siliceous epidote veining Amyg. and. aggl. 531-602	
					602-648-649 Greenish black Amyg. and. flow. looks like yellow lava. Hematite staining Fractured - epidote, calcite & siliceous veining Rept. calcite amyg. veining, 531-602. Section of co. and. aggl. 602-648-649 with patches of flow 648-649 Hard & tachytic - reddish brown & porphyry - gr. & pale - fractured - epidote veining	

DIAMOND DRILL REPORT

Hole No. _____ Location _____ CO-ORDINATES: N 9500 E 12500

Evaluation Collar _____ Direction of hole _____ Dip of hole _____

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

Small core from _____ to _____

DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH			% REC.		
	FROM	TO				
Bed Rock	116	ft			649-667	Fairly dark grey - green druse buff.
B.V. Core	116	130	10.0	71	H.W. type. 5-10% felds.	
	130	135	0.9	18	Minor fracture - epidote - calcite - mica - siliceous	
	135	143	7.1	100		
	143	152	10.1	100		
	152	162	8.5	85	667-675	Dark reddish brown porphyry, trachyte
	162	167	2.1		Sill. Sharp contact at 70° to core at 667	
	167	172	7.1	92	1-2% felds. 3-5% felds. Fractured - epidote	
	172	176	4.1		veining. Sharp contact at 675 - 90° to core	
	176	180	3.5			
	180	182	0.7	83	675-687	Dacite buff as above
	182	191	8.5	96		
	191	201	10.1	100	687-697	Trachyte as 667-675. Contacts sharp
	201	209	2.8	35	at 90° to core.	
	209	216	6.1	87		
	216	225	7.8	87	697-713	Dacite buff as above
	225	229	3.0			
	229	234	3.9	77	713-848-933-940	Trachyte sill. 1% felds. 3-5% felds.
	234	244	9.0	90	Coarse fracture - epidote, calcite, siliceous - mica	
	244	248	4.2		Dark reddish brown.	
	248	256	7.2	98		
	256	260	3.6		940-950	Dacite buff - gritty. Minor felds the usual
	260	268	6.0	80	in H.W. type. Some alteration - yellowish buff, chlorite	
	268	274	4.7	65		
	274	283	10.0	100	950-961	Trachyte as above.
	283	291	7.7	100		
	291	299	7.7	100	961-1007-1102	Dacite buff as 940-950. Some alteration ago
	299	306	5.1	73	6972. Siliceous filled fractures. 974 - not so much feldspar	
	306	314	5.5	69	felds in core - also siliceous, no alteration + a few	

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DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH		% REC.			
	FROM	TO				
	314	322	5.6	70	frags. & chips of mixed type, lava chert. Occass.	
	322	326	2.0		Granitic frag. Occass. black pyrite.	
	326	330	2.2	52	Contact more or less at 90° at 1102' -	not sharp
	330	341	10.2	93		
	341	347	5.3		1102-1130-1136 Volcanic sandstone. All types of frags, lava,	
	347	352	3.1	76	beds + a few granitic, all general rounded.	
	352	361	6.8	76	Matrix is siliceous & grey, grit - about 50-50. high	
	361	369	6.0	75	fine pyrite. A few calcite filled fractures.	
	369	376	4.0	57		
	376	384	6.2	77		
	384	391	3.7	53	1136-1191. Trachyte sill. Buff to flesh colored.	
	391	401	8.5	85	2-3% felds. No gal. A few calcite filled fractures.	
	401	408	3.0	46		
	408	418	10.2	100		
	418	426	6.2	77	1191-1212 Volcanic sandstone. Mainly silic. type.	
	426	436	6.6	66	lava frags. A few red. No granitic. Bleached, pale	
	436	446	5.2	52	grey, mainly, some dark grey, - pale grey - can be ble.	
	446	454	4.2	56	light matrix. Considerable pyrite. A few	
	454	462	2.8	35	calcite filled fractures. 1208-1212 pale grey, co. grit.	
	462	471	4.3	48	1212-1286 Grey, pale grey, pale buff, bleached, bleached out, or dense or	
	471	477	2.7		trachyte sill, alteration & chert replacement along fractures, chert introd. 1260-1	
	477	479	2.1		patches, blots, veinlets, farts - irregular occurrences	
	479	481	3.1	79	with light Pb-Zn - bands. 1260-1280 would be ore. About 1% of	
	481	486	3.6		rock volume. Also pyrite veinlets, blots & dissem. along	
	486	492	5.2	80	fractures. - Sill as fine gr. silic. occas. tiny	
	492	502	10.0	100	alund. felds. Traces hematite & Pb-Zn 1260-1	
	502	511	9.0	100	Fractured. Calcite veining.	
	511	516	3.2			
	516	523	5.4	70		

Hole No. 4 Location CO-ORDINATES: N E

Evaluation Collar Direction of hole Dip of hole

Date Started 17/1/33 Date finished Large core from to

Small core from to

DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH			% REC.		
	FROM	TO				
	523	531	1.5		1286-1305	Co. pale grey volc. grit as 1208-1212.
	531	533	2.2	23	Consist. dissemin. pyrite. Many little frag. masses.	
	533	538	1.6	32	Mainly pale grey, 1/4" silic. chips. Also silic.	
	538	541	1.7		masses. A few very tiny veinlets. Trace Pb-Zn.	
	541	548	2.5	42		
	548	554	3.5	58	1305-1306.5	Hght grade massive Pb-Zn ore.
	554	557	3.0			
	557	559	1.0		1306.5-1309.5	Volc. congl. Grey altered tuff matrix.
	559	564	3.4	64	A few flecks Pb-Zn. Dissem. pyrite.	
	564	566	1.2		A few fragments.	
	566	570	2.5		1309.5-1346-1363	Dark grey & pale grey, co. volc. grit
	570	575	3.2	65	as 1208-1212 & 1286-1305. Consist. dissemin. pyrite.	
	575	578	0.8		12" silicified frag 1315-1316, large silicified frags. 1323.	
	578	582	1.6	34	Volc. grit is mainly silic. Tuff of large, now all bleached grey,	
	582	592	10.0	100	occasional grey-green inter. type, & also a few small grains	
	592	597	5.0		of silicified. 1" veinlet Pb-Zn at 1336 - angling across.	
	597	601	4.0	100	Trace at about 45°.	
	601	611	10.0	100	1309-1343 some sorting & bedding in volc. grit. - streaks of	
	611	621	10.0	100	finer grained material, about 90° to core. Approaching	
	621	624	2.3		1/4" Pb-Zn	
	624	626	0.6		1" Pb-Zn veinlet at 1352.7 + 1/4" at 1353.	
	626	627	0.6			
	627	628	1.1	69	1363-1425.	Inter. tuff. Mainly green. Silicified.
	628	638	10.2	100	Nearly bleached - to pale grey & dark grey. Also	
	638	648	10.0	100	f.m. 1 section. Calcification frag - some shaly, some altered fields.	
	648	657	8.0	93	1385-1394. Frag & sand section. Stand up into tuff.	
	657	664	7.4	100	1415-1425. Red, altered. Calcic grains 1417-1425 &	
	664	668	3.2		Calcic filled tuff matrices. Only one small patch dissem.	
	668	671	3.4	93	pyrite material.	

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DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH		%	REC.		
	FROM	TO				
	671	673	1.9		1425-1442 Pale grey-green & pale buff fine trachyte buff (dacite sill) 11-13 to flds. In general soft, altered. Patches with 1 flds. altered. Midline at 1425 is dark grey color. Contact about 90° to core. A few calcite filled fractures.	
	673	680	5.5	82		
	680	689	9.0	100		
	689	697	3.4	80		
	697	703	6.0			
	703	708	2.9	81		
	708	716	6.7			
	716	718	2.0	87		
	718	725	2.2			
	725	730	4.5	98		
	730	736	6.5		1443-1509-1516 Arkose grit horizon. Hard. Reddish, buff, & pale grey. In general fine to 1465. Med. calc. & fine sections 1465 → A few calcite filled fractures. Some of stringers fracturing. In general solid feldspar.	
	736	739	3.1			
	739	742	2.2	98		
	742	745	2.7			
	745	752	6.5	92		
	752	753	0.8			
	753	759	5.0	83		
	759	760	0.5			
	760	762	1.7			
	762	767	3.1	66		
	767	770	2.3		<u>1516 End</u>	
	770	775	2.7			
	775	776	0.5	61		
	776	786	2.5	25		
	786	790	4.0			
	790	793	1.2	74		
	793	797	1.5			
	797	801	0.9			
	801	803	2.1	48		
	803	808	4.6			

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

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DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH			% REC.		
	FROM	TO				
	808	812	4.2	98		
	812	816	3.4			
	816	819	2.5			
	819	823	1.6	68		
	823	827	1.7			
	827	832	4.0	63		
	832	839	6.8			
	839	842	2.0			
	842	844	1.7	87		
	844	846	2.0			
	846	851	4.3			
	851	854	1.3	76		
	854	858	1.3			
	858	861	2.0			
	861	865	2.3	51		
	865	868	1.7			
	868	870	1.3			
	870	874	1.0	44		
	874	878	1.8			
	878	882	1.8	45		
	882	885	2.0			
	885	887	1.4			
	887	889	1.8			
	889	893	3.8	82		
	893	901	7.0	88		
	901	907	1.4	23		
	907	918	10.2	93		
	918	926	6.8			
	926	930	2.8	80		

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

Evaluation Collar	Direction of hole	Dip of hole
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Date Started	Date finished	Large core from	to
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Small core from to

DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH			% REC.		
	FROM	TO				
	930	933	2.9			
	933	938	4.1			
	938	941	3.6	96		
	941	951	9.4	94		
	951	953	0.5			
	953	957	2.3			
	957	961	1.7	45		
	961	965	4.0			
	965	969	0.6	58		
	969	974	2.9			
	974	980	5.6	77		
	980	990	10.0	100		
	990	1000	10.0	100		
	1000	1007	5.7			
	1007	1011	4.0	100		
	1011	1021	10.0	100		
	1021	1031	10.6	100		
	1031	1041	10.4	100		
	1041	1051	10.5	100		
	1051	1061	10.0	100		
	1061	1072	10.8	100		
	1072	1082	10.4	100		
	1082	1085	2.6			
	1085	1092	7.2	98		
	1092	1101	2.7	100		
	1101	1111	10.3	100		
	1111	1120	8.4	100		
	1120	1130	10.5	100		

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Small core from to

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DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH		%	REC.		
	FROM	TO				
	1130	1138	8.0	100		
	1138	1144	6.3	100		
	1144	1148	4.0			
	1148	1155	7.8	82		
	1155	1163	7.2	100		
	1163	1170	7.2	100		
	1170	1180	10.2	100		
	1180	1184	4.0			
	1184	1191	3.2	65		
	1191	1201	6.3	63		
	1201	1211	9.4	94		
	1211	1221	6.0	60		
	1221	1232	8.0	76		
	1232	1242	10.4	100		
	1242	1251	1.3	14		
	1251	1262	10.3	94		
	1262	1270	4.5	56		
	1270	1277	3.6	51		
	1277	1284	5.4			
	1284	1288	0.6	55		
	1288	1294	2.7			
	1294	1298	1.7	44		
	1298	1310	10.2	85		
	1310	1316	5.7			
	1316	1319	0.9	73		
	1319	1323	1.2			
	1323	1329	3.0	42		
	1329	1338	5.6	62		
	1338	1345	4.6	66		

DIAMOND DRILL REPORT

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Small core from to

1633

DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH			% REC.		
	FROM	TO				
	1345	1352	2.2	31		
	1352	1356	1.9			
	1356	1359	0.8			
	1359	1363	0.4	28		
	1363	1371	1.9			
	1371	1375	4.2	51		
	1375	1385	5.0	50		
	1385	1394	1.6	18		
	1394	1401	1.2	26		
	1401	1406	0.9			
	1406	1410	1.1	22		
	1410	1418	4.6			
	1418	1424	3.1	57		
	1424	1431	4.1			
	1431	1434	0.9	50		
	1434	1442	6.7			
	1442	1444	1.5	82		
	1444	1450	2.3			
	1450	1456	2.5	40		
	1456	1459	1.2			
	1459	1463	1.4	37		
	1463	1467	1.5			
	1467	1473	3.2	67		
	1473	1480	6.9	99		
	1480	1486	4.5			
	1486	1493	4.5	69		
	1493	1498	2.7			
	1498	1503	1.0	37		
	1503	1509	0.8	13		
	1509	1512	1.3			
	1512	1516	1.8	44		