

DIAMOND DRILL REPORT

Hole No. 3771 Location 999 - Oriental CO-ORDINATE N 7500 E 13000Elevation Collar 3771 Direction of hole down Dip of hole verticalDate Started Jan 17/52 Date finished April 8/52 Large core from 34 to 200Small core from AX 200 to 483Date Jan 17/52 Core Recovery EX 783 1101 General Named to 850 AX Economic

Date	Core Recovery		% Rec	General
	Depth From	to		
				0 - 124 overburden
				124 - 157 Dark grey - green, soft, sheared andesite with many f.g. For part, coarser & somewhat spotty. Shearing varies from 75-70° to core to // to core. Schist from 149-157 - mainly // to core. 200 3 Large aples, flow frags - amy & phosphy Some siliceous introduction as edge of & crystalline Everywhere, have a squeezed & elongated look.
				157 - 218 Pale grey - flesh colored, heavily silicified angular rock, indurated. Look like pit away as grey-green, f.g. hard, silic. porphy. (f.g. 150/100) Rec- inf. flow, lightly dissem. pyrite through Sheared up to 181 - mainly f.g. phos. Trace Pb. 2 - 192-199 Could be agglomerate from 207 - 218. Has a more lumpy appearance. Pyrite concentration is heavier than thin veinlets.
				218 - 234 Contact with granite. From 218-220 is dark grey altered stuff. From 218-225 - fairly heavy, silicified - hard, with finely dissem. pyrite. From 225 - 228 fairly soft, f.g. stuff - dark grey grey green - coarse, finely dissem. pyrite. Brown silicification. Some shearing.
				229 - 334 Grey-green, f.g. soft, & sheared and tuff. Some fine, thin, brown, sand.

primarily andesite
green tuff

not strongly sheared (30-40° to core)

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Hole No. 999 Location CO-ORDINATE N EElevation Collar Direction of hole Dip of hole Date Started Date finished Large core from to Small core from to

Date	Core Recovery		% Rec	General	Economic
	Depth From	to			
Bed. Rock	124	130	3.0	334 - 338	Heavily silicified, almost complete, hard. Lightly dissem. pyrite. Probably originally part of andes. tuff.
	130	133	1.5		
	133	139	2.7		
	139	143	1.8		
	143	149	2.1		
	149	150	1.0	338-446-610-773. Grey green, hard, coarse aphan. agglomerate. Reddish flecked acid lava frags - (reddish) + f. gr. green inter bed. frags in coarse gr. reddish flecked matrix with iron. g. g. eyes. Fairly massive. Most acid frags. have quartz phenos. Some have only felds. + some are just f. g. o. silici-acc. type.	478-482 - sorted grt.
	150	157	1.7		
	157	162	1.7		
	162	167	0.3		
	167	174	0.4		
	174	179	0.5		
	179	181	0.8		
	181	186	2.9		
	186	190	2.9		
	190	193	2.5		
	193	200	6.7	615-654. Fairly even grained coarse grt. No bedding but some spitting + only a few lava frags.	715-750. Considerable fracturing from 446-472; 480-494; 610-677
	200	207	6.4		
	207	217	9.9		
	217	227	10.9		
	227	237	6.6		
	237	245	4.3	765-767. Chilled, steep angle, black, f. g. dissem. dyke.	
	245	257	5.3		
	257	262	5.9		
	262	272	7.8		
	272	282	9.7		
	282	288	4.1	773-823. Hard, siliceous, reddish brown, f. g. g. pyroclastic acid flow. About 5% small grt. eyes. Feldspar phenos. Considerable fracturing.	+ quartz buff. v. x 10 1/2 small reddish.
	288	296	6.6		
	296	306	9.0		
	306	315	6.9		
	315	325	4.8		

DIAMOND DRILL REPORT

Hole No. 999 Location CO-ORDINATE N E Elevation Collar Direction of hole Dip of hole Date Started Date finished Large core from to Small core from to

Hole 999

Date	Core Recovery		% Rec	General	Economic
	Depth From	to			
	325	332	5.0	823-839	Greyish buff + grey-green dacite buff. Silicified + partly hard from 823-832, also bleached grey-buff, some minor shearing but considerable fracturing. Soft + dark green matrix 832-839. Highly fractured about 15-20% felds. grains. + about 2-3% qtz. grains.
	332	336	2.2		
	336	345	6.6		
	345	355	10.0		
	355	363	6.1		
	363	371	6.0		
	371	374	3.8	839-857	Hard, silic. + gr. ac-int. flow - porphyritic. Brownish stained. felds. about 15%. Silicified. Highly fractured. Grey-buff color. 2-3% qtz. grains.
	374	376	0.6		
	376	382	5.6		
	382	390	8.1		
	390	400	8.3		
	400	404	2.0		
	404	412	7.6	857-913	Grey + grey-green partly hard. ac-int. aggl. Bleached. Pale grey + olive green from 857-867. Hard, silicified 857-867. + highly fractured. Grey, hard, p.p. siliceous ac-int. frags. as above in gritty buff matrix. Bleached from 867-887. + still highly fractured. Somewhat sheared 887-897 - some schist developed. A few flecks pyrite 897-913. Mainly frags + little buff matrix.
	412	415	3.3		
	415	420	4.4		
	420	428	7.1		
	428	431	3.1		
	431	434	2.5		
	434	439	2.9	913-926	Hard, bleached pale grey + gr. - siliceous + gr. porphy. ac-int. flow. 5% qtz. grains + 1.0% altered feldspar phenos (chlorite alteration).
	439	443	0.6		
	443	446	0.6		
	446	450	2.6		
	450	454	3.6		
	454	457	1.2		
	457	460	1.3	460-482	40
	460	463	1.1		
	463	467	1.2		
	467	472	1.9		
	472	482	6.8	482-489	69
	482	489	4.8		

DIAMOND DRILL REPORT

Hole No. 999 Location CO-ORDINATE N 1 E 2
 Elevation Collar Direction of hole Dip of hole
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HOLE 999

Date	Core Recovery		% Rec	General	Economic
	Depth From	to			
	489	494	3.1	926-938	Ac-int. agglomerate. Hard, grey-green.
	494	499	4.4	77	Silicified. 1-2% quartz grains in matrix. Hard to distinguish from above. Pale grey - buff.
	499	502	3.2	100	
	502	506	3.6		
	506	511	5.2	98	
	511	515	4.8		
	515	521	2.5	73	From 938-1035 Grey-green color. (Mainly inter.
	521	525	3.1		frag) hard, f. gr. - thin, altered feldspar.
	525	528	2.6		Still plenty of
	528	530	2.0	85	silicification. Original matrix of quartz grains, 5-10% feldspar.
	530	533	2.7		1/2% green chloritic stuff.
	533	541	6.4	85	
	541	547	4.4		Reinlet Pb-Zn along steep angle fracture 947-948.
	547	553	5.3	82	otherwise barren except for a few flecks of pyrite.
	553	558	3.3		
	558	560	1.6	70	Mainly stuff. A few chips of lam.
	560	567	4.9		
	567	570	1.5	64	Considerable fracturing.
	570	576	2.4		
	576	582	5.0	62	1035-1037 - Chilled grey-green f. gr. diabase dyke.
	582	586	3.0		
	586	593	5.0	73	
	593	598	2.7		
	598	605	5.0	64	1037-1101 Heavy fractured
	605	611	4.1	68	Arkose grit tag. Grey-green, brownish flecked, hard, med. gr. quartz-feld. grit.
	611	615	4.1		A few frags - f. gr. silic. inter. rock.
	615	620	2.5	73	1061-1071 - Arkose aggl. - frag with reddish stained felds.
	620	626	2.9		
	626	632	2.7	47	1082-1083 - Hard black cherty stuff.
	632	635	0.8	37	1083-1101 - Dark grey-green grit. - Not so hard. Some chert in matrix.
	635	640	2.8		

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

Small core from to

HOLE 999

Core Recovery

Date	Depth		% Rec	General	Economic
	From	to			
	640	645	1.7		
	645	650	2.5	42	
	650	654	1.9	47	
	654	662	6.5	81	
	662	665	1.8		
	665	670	3.4	65	
	670	674	2.0		
	674	678	3.1	64	
	678	683	2.5		
	683	687	1.1	40	
	687	692	1.5		
	692	697	2.8	43	
	697	700	3.0		
	700	704	3.0	86	
	704	707	2.0		
	707	715	2.3	21	
	715	720	1.3		
	720	725	0.8	21	
	725	731	1.5		
	731	737	1.1	22	
	737	745	1.1	14	
	745	750	1.5		
	750	754	2.4		
	754	756	1.3	47	
	756	761	4.6		
	761	766	4.4	90	
	766	770	2.0		
	770	773	2.1	59	
	773	780	1.9		
	780	783	0.6	25	

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

HOLE 999

Small core from to

Date	Core Recovery		% Rec
	Depth From	to	
	783	786	0.9
	786	789	1.2
	789	795	1.7
	795	802	2.9
	802	807	2.7
	807	812	3.1
	812	818	1.7
	818	824	1.3
	824	832	3.0
	832	840	1.7
	840	847	1.5
	847	852	0.5
	852	857	1.0
	857	867	4.1
	867	877	1.5
	877	887	1.2
	887	895	2.0
	895	904	4.8
	904	914	10.7
	914	924	6.8
	924	928	1.8
	928	938	4.9
	938	946	2.6
	946	950	1.3
	950	957	2.3
	957	963	2.5
	963	970	2.5
	970	977	3.1
	977	983	3.8
	983	990	2.7
	990	997	2.6

General

Economic

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

Small core from to

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Core Recovery

Date

Depth			% Rec
From	to		
997	1007	5.5	55
1007	1010	0.6	
1010	1017	1.5	21
1017	1027	1.4	14
1027	1035	0.7	9
1035	1043	1.1	12
1043	1053	1.1	11
1053	1061	0.9	11
1061	1066	1.0	
1066	1071	0.5	15
1071	1077	1.1	
1077	1082	1.0	19
1082	1087	0.5	
1087	1091	0.4	10
1091	1101	0.8	8

General

Economic