

DIAMOND DRILL REPORT

Hole No. Location CO-ORDINATES: N 12750 E 15250

Evaluation Collar 3803 Direction of hole Down Dip of hole 100 ft.

Date Started: Nov 23/61 Date finished: Feb 29/62 Large core from 1" 0-60 to

#1967 Oriental Surface: Small core from BX 60-71 to

DATE	CORE RECOVERY				GENERAL	71-500. Forced coring 500-800 Plug bit 800-950 Forced coring 950-1085 Plug bit ECONOMIC
	DEPTH			% REC.		
	FROM	TO				
					0-60	Andes. buff. Frag. Siliceous patches
					60-71-500	Andes. buff. Frag. Siliceous patches
						Lightly deformed. Pyrite. Grey green & black grey green
						Fractured, calcite veining
					151-172	dephos.
					217-233	
					800-950-1085	Andes. buff.
					855-918	dephos.
					950-975	s.d. chip aggl.
					975-1008	bleaching & siliceous
					1008-1012	dephos, a few co. g. g.
					1500-1530-1562	Andes. buff & aggl.
					1500-1527	mainly chip aggl. Numerous bands of gr. buff
					1527-1537	aggl.
					1537-1545	gr. buff.
					1545-1554	coarse, small fine grain. gritty appearance
					1554-1562	Coarse fracture - calcite. Dark grey-green.
					1562-1572	Coarse frag. 1545-55
					1572-1583	1545-48 - 50% pyrite
					1583-1591	1554-56 silt band. Extending 35' to cor.
					1591-1616	1562-1622-1633 Depts buff. Med. gr. g. g. fields.
						Heavy siliceous. 1569-1591 10-15% quartz patches.
						1591.5-1616 dephos. Dark grey-green. Gr. Coarse.
						Fracture - calcite. Contact 50' to core at 1594.5'

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DATE	CORE RECOVERY			GENERAL	ECONOMIC
	DEPTH		% REC.		
	FROM	TO			
		81	18	1633-1676 Diabase sill. Contact	50° to core at 1633'
	81	91	45	Gray basalt zone. Gray black.	1-2" Chlorite
	91	97	35	Fractured calcite	Contact 15° to core at 1676'
	97	101	29		
	101	103	0.7		
	103	130	2.4	1676-1699 Amyg. basalt flow	Pink calcite amyg
	130	151	1.2	Heavy calcite amyg. Heavy calcite amyg.	Dark.
	151	171	2.3	Gray. 1" black & reddish tinted.	
	171	181	0.8	1696.5-1697 Pale grey db. with	3-4"
	181	196	3.4		
	196	211	1.0		
	211	224	2.5	1699-1718.5 Trachyte. Reddish brown.	7-9"
	224	233	1.1	Basalt. dark. phenocr.	
	233	241	1.6	Thin fracture. Contact	50° to core at 1699' & 45°
	241	258	3.0	at 1718.5'	
	258	270	1.0		
	270	278	2.2		
	278	285	1.1	1718.5-1797 Amyg. basalt-aggl.	Bleached, altered
	285	290	4.6	Heavy calcite amyg. 8" trachyte	at 1721'
	290	295	2.2	Thin patches, dacite matrix.	
	295	306	2.5	1778.5-1781 Pale grey diabase sill.	2-3"
6/9	306	316	6.2		
	316	324	7.4	1797-1817 Reddish brown rhyolite	with 1-2" to 1-3" py.
	324	331	5.5	phenocr. Fractured calc. Fine to med. gr.	Bleached, altered
	331	341	10.7	yellowish green 1800-1810.	
	341	350	7.8		
	350	360	2.1	1817-1882-1927-1998 Diabase.	Gray, black & gray, chilled,
	360	368	2.7	1-2" consol. fracture. Contact broken.	
	368	380	2.9		

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	FROM	TO			
	380	390	3.0	1998 - 2000	Basal tuff. Altered. Greenish micaceous.
	390	400	1.2		Yellowish green
	400	405	4.1		
	405	409	3.7	2000 - 2012	Inter. tuff. Varying green. Dark grey green.
	409	418	6.8		Chloritized. Greenish greyish calcite. Fractured.
	418	426	8.0		calcite.
	426	431	5.8		
	431	438	6.5	2012 - 2105	Rhyolite. Contact 40° to core.
	438	455	11.0		Dark tan calcite. Lenticles 10% of 1/2 phenocrysts.
	455	465	2.4		Fractured - calcite. Rhyolite bleached yellowish green. 2034.5 - 2038.
	465	470	1.7	2017.5 - 2019.5	Diab. pale grey cherted. 50° to core.
	470	474	1.2	2019.5 - 2034.5	" " " "
	474	485	9.1	2038 - 2085 - 2092	grey + dark grey. " 70° to core at 2038.
	485	490	3.7		
	490	492	1.4	2092 - 96	Fgg. inter. tuff as 2000 - 2012.
	492	500	2.8	2096 -	rhyolite squeezed, fractured, conical.
	500	822	3.3		
	822	842	8.6		
	842	855	4.8	2105 - 2125	Basaltic gneiss. Dark, co. Reddish.
	855	865	3.6		Healed grey buff. Conical. Fractured. calcite.
	865	872	1.5	2123 - 2124.5	gleaming black banded metagneiss.
	872	882	2.1		
	882	902	5.3		
	902	912	1.0		
	912	920	1.8		
	920	930	2.8		
	930	937	2.8		
	937	940	3.2		
	940	946	4.5		

2128.1. End of

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	FROM	TO			
	946	966	8.7		
	966	976	1.3		
	976	988	5.0		
	988	994	0.9		
	994	1002	4.6		
	1002	1007	0.7		
	1007	1012	3.4		
	1012	1015	0.8		
	1015	1020	2.2		
	1020	1030	2.3		
	1030	1042	2.4		
	1042	1057	1.0		
	1057	1062	0.4		
	1062	1075	2.7		
	1075	1080	0.6		
	1080	1085	0.7		
	1085				
	1500	1501	0.6		
	1501	1570	9.2		
	1570	1581	10.3		
	1581	1583	10.2		
	1583	1584	9.0		
	1584	1585	10.1		
	1585	1586	10.1		
	1586	1572	11.4		
	1572	1582	10.0		
	1582	1592	10.2		
	1592	1602	10.3		
	1602	1613	9.7		

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	DEPTH					
	FROM	TO				
	1613	1616	3.6			
	1616	1626	9.8			
	1626	1629	2.8			
	1629	1631	1.6			
	1631	1636	3.8			
	1636	1639	2.7			
	1639	1642	2.3			
	1642	1645	1.7			
	1645	1647	0.9			
	1647	1649	0.8			
	1649	1652	1.3			
	1652	1654	0.9			
	1654	1659	2.9			
	1659	1660	0.5			
	1660	1662	1.4			
	1662	1666	2.8			
	1666	1668	1.2			
	1668	1669	0.5			
	1669	1673	3.8			
	1673	1674	1.0			
	1674	1679	3.2			
	1679	1689	10.3			
	1689	1699	10.2			
	1699	1705	5.4			
	1705	1706	1.0			
	1706	1711	4.7			
	1711	1721	9.8			
32	1721	1731	10.1			
	1731	1741	10.3			

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	DEPTH					
	FROM	TO				
	1741	1751	10.1			
	1751	1761	10.2			
	1761	1771	10.1			
	1771	1778	5.6			
	1778	1788	8.6			
	1788	1798	9.9			
	1798	1800	2.2			
	1800	1810	10.1			
	1810	1817	5.8			
	1817	1827	11.0			
	1827	1831	3.1			
	1831	1834	1.1			
	1834	1836	0.5			
	1836	1838	0.7			
	1838	1843	2.7			
	1843	1844	1.1			
	1844	1851	4.8			
	1851	1862	10.1			
	1862	1868	3.0			
	1868	1872	1.8			
	1872	1874	1.3			
	1874	1878	1.9			
	1878	1885	6.0			
	1885	1889	1.9			
	1889	1892	1.9			
	1892	1900	5.1			
	1900	1903	1.0			
	1903	1905	0.5			
2.5 1	1905	1907	0.5			

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	DEPTH		% REC.		
	FROM	TO			
	1907	1910	2.2		
	1910	1918	6.5		
	1918	1921	2.5		
	1921	1925	3.4		
	1925	1927	0.9		
	1927	1929	0.4		
	1929	1939	1.7		
	1939	1938	1.2		
	1938	1940	0.7		
	1940	1943	1.5		
	1943	1948	3.1		
	1948	1955	5.6		
	1955	1958	1.1		
	1958	1961	0.7		
	1961	1963	0.6		
	1963	1966	0.5		
	1966	1968	1.4		
	1968	1972	2.8		
	1972	1976	1.0		
	1976	1980	1.2		
	1980	1983	0.8		
	1983	1988	1.3		
	1988	1990	1.5		
	1990	1999	8.7		
	1999	2001	1.3		
	2001	2011	4.5		
	2011	2016	4.2		
	2016	2019	3.4		
	2019	2023	1.7		

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