

LAB SAMPLE ID	X	Y	Z	Assay DB	Lithology	Material Type	Ore/waste	Oxide	Pit
	m	m	m						
12AC01 15-19T	553476.9	4748457.5	369.1	Lundin	AFG	Amphibolite	Waste	0	Arca
12AC02 10-14T	553278.1	4748375.3	377.8	Lundin	AF	Amphibolite	Waste	0	Arca
12AC03 4-6T	553358.9	4748711.2	361.2	Lundin	AF	Amphibolite	Waste	0	Arca
12AC08 18-21T	552819.2	4748764.3	294.0	Lundin	AF	Amphibolite	Waste	0	Arca
12AC08 36-40T	552819.2	4748764.3	294.0	Lundin	AF	Amphibolite	Waste	0	Arca
12AC12 6-10T	552674.4	4748936.0	251.6	Lundin	AFG	Amphibolite	Waste	1	Arca
12AC14 14-18T	552944.6	4749272.7	277.3	Lundin	AFG	Amphibolite	Waste	0	Arca
12AC14 4-8T	552944.6	4749272.7	277.3	Lundin	AFG	Amphibolite	Waste	0	Arca
12AC14 80-84T	552944.6	4749272.7	277.3	Lundin	PG	Paragneiss	Waste	0	Arca
12AC16 10-14T	552894.8	4749335.9	285.4	Lundin	AF	Amphibolite	Waste	0	Arca
12AC16 30-34T	552894.8	4749335.9	285.4	Lundin	AF	Amphibolite	Waste	0	Arca
12AC27 2-6T	552825.3	4749025.2	265.3	Lundin	AF	Amphibolite	Waste	0	Arca
12AC28 2-6T	552725.3	4748976.4	256.5	Lundin	PG	Paragneiss	Waste	1	Arca
12AC28 30-34T	552725.3	4748976.4	256.5	Lundin	AFG	Amphibolite	Waste	0	Arca
12AC29 21-25T	552926.9	4749024.7	289.3	Lundin	PG	Paragneiss	Waste	0	Arca
12AC28 70-74T	552725.3	4748976.4	256.5	Lundin	AF	Amphibolite	Waste	0	Arca
12AC33 14-18T	552724.0	4749023.5	249.2	Lundin	AF	Amphibolite	Waste	0	Arca
12AC33 40-44T	552724.0	4749023.5	249.2	Lundin	AF	Amphibolite	Waste	0	Arca
12AR01 15-19T	555587.9	4747557.4	357.4	Lundin	AF	Amphibolite	Waste	0	Arinteiro
12AR01 4-8T	555587.9	4747557.4	357.4	Lundin	PG	Paragneiss	Waste	0	Arinteiro
12AR02 33-37T	555517.9	4747606.7	347.4	Lundin	AF	Amphibolite	Waste	0	Arinteiro
12AR03 56-60T	555560.5	4747407.0	358.7	Lundin	AF	Amphibolite	Waste	0	Arinteiro
12AR04 20.8-23.5T	555593.2	4747457.5	365.1	Lundin	PG	Paragneiss	Waste	0	Arinteiro
12AR04 26-30T	555593.2	4747457.5	365.1	Lundin	PG	Paragneiss	Waste	0	Arinteiro
12AR04 34-36T	555593.2	4747457.5	365.1	Lundin	AF	Amphibolite	Waste	0	Arinteiro
12AR04 51-54T	555593.2	4747457.5	365.1	Lundin	AF	Amphibolite	Waste	0	Arinteiro
12AR05 31-34T	555529.6	4747806.5	354.5	Lundin	PG	Paragneiss	Waste	1	Arinteiro
12AR05 35-39T	555529.6	4747806.5	354.5	Lundin	PG	Paragneiss	Waste	1	Arinteiro
12AR05 43-45T	555529.6	4747806.5	354.5	Lundin	PG	Paragneiss	Waste	0	Arinteiro
12AR05 59-63T	555529.6	4747806.5	354.5	Lundin	AF	Amphibolite	Waste	0	Arinteiro
12AR05 7-8.7T	555529.6	4747806.5	354.5	Lundin	REC	Overburden	Waste	0	Arinteiro
12AR05 78-83T	555529.6	4747806.5	354.5	Lundin	AF	Amphibolite	Waste	0	Arinteiro
12AR06 30-33T	555463.2	4747894.0	335.3	Lundin	PG	Paragneiss	Waste	1	Arinteiro
12AR06 30-34T	555463.2	4747894.0	335.3	Lundin	PG	Paragneiss	Waste	1	Arinteiro
12AR06 33-38T	555463.2	4747894.0	335.3	Lundin	PG	Paragneiss	Waste	1	Arinteiro
12AR06 40-44T	555463.2	4747894.0	335.3	Lundin	PG	Paragneiss	Waste	0	Arinteiro
12AR06 50-54T	555463.2	4747894.0	335.3	Lundin	AF	Amphibolite	Waste	0	Arinteiro

LAB SAMPLE ID	X	Y	Z	Assay DB	Lithology	Material Type	Ore/waste	Oxide	Pit
	m	m	m						
12AR06 76-78T	555463.2	4747894.0	335.3	Lundin	AF	Amphibolite	Waste	0	Arinteiro
12BA04 12-16T	553124.3	4747503.2	317.3	Lundin	AF	Amphibolite	Waste	0	Bama
12BA13 50-54T	553062.0	4747662.5	297.5	Lundin	AF	Amphibolite	Waste	0	Bama
12BA20 79-83T	553154.3	4747768.5	337.5	Lundin	PG	Paragneiss	Waste	0	Bama
12BA20 84-87T	553154.3	4747768.5	337.5	Lundin	PG	Paragneiss	Waste	0	Bama
12BA21 80-84T	553083.8	4747949.5	313.5	Lundin	AF	Amphibolite	Waste	0	Bama
12BA23 3-7T	553350.9	4747740.5	358.2	Lundin	AF	Amphibolite	Waste	0	Bama
12BA24 10-14T	553272.1	4747605.5	355.4	Lundin	PG	Paragneiss	Waste	1	Bama
12BA29 15-19T	553232.3	4748045.2	349.8	Lundin	AF	Amphibolite	Waste	0	Bama
12BR03 55-57.2T	552568.8	4748035.3	229.6	Lundin	AF	Amphibolite	Waste	0	Brandelos
12BA05 24-28T	553175.3	4747665.6	338.7	Lundin	AF	Amphibolite	Waste	0	Bama
12BA12 20-24T	552827.2	4748020.7	286.5	Lundin	AF	Amphibolite	Waste	0	Bama
IBR05 16-18T	552620.2	4747820.3	253.8	ATM15	PGS	Paragneiss	Waste	0	Brandelos
IBR07 4-8T	552517.9	4747773.2	238.1	ATM15	PGS	Paragneiss	Waste	1	Brandelos
12BR11 6-10T	552374.7	4747573.1	212.1	Lundin	AF	Amphibolite	Waste	0	Brandelos
12BR12 24-28T	552293.5	4747672.5	200.6	Lundin	AF	Amphibolite	Waste	0	Brandelos
12MM07 10-14T	554234.1	4749455.8	435.0	Lundin	AF	Amphibolite	Waste	0	Monte de las Minas
12MM07 1-5T	554234.1	4749455.8	435.0	Lundin	AF	Amphibolite	Waste	0	Monte de las Minas
12MM08 39-43T	554084.3	4749431.5	413.9	Lundin	PG	Paragneiss	Waste	0	Monte de las Minas
12MM08 56-60T	554084.3	4749431.5	413.9	Lundin	AF	Amphibolite	Waste	0	Monte de las Minas
12MM09 8-12T	554064.4	4749313.3	412.5	Lundin	PG	Paragneiss	Waste	0	Monte de las Minas
12MM11 2-6T	553530.9	4749121.4	326.2	Lundin	PG	Paragneiss	Waste	0	Monte de las Minas
12MM24 4-8T	553944.0	4749345.2	377.7	Lundin	AF	Amphibolite	Waste	0	Monte de las Minas
12MM25 21-25T	554030.9	4749383.2	399.0	Lundin	PG	Paragneiss	Waste	0	Monte de las Minas
12MM25 41-45T	554030.9	4749383.2	399.0	Lundin	PG	Paragneiss	Waste	0	Monte de las Minas
12MM25 52-56T	554030.9	4749383.2	399.0	Lundin	PG	Paragneiss	Waste	0	Monte de las Minas
12MM31 5-9T	553859.0	4749357.4	357.9	Lundin	PG	Paragneiss	Waste	1	Monte de las Minas
12VR01 40-44T	555207.2	4748435.5	316.5	Lundin	AF	Amphibolite	Waste	0	Vieiro
12VR02 17-20T	555294.1	4748489.6	332.8	Lundin	AF	Amphibolite	Waste	0	Vieiro CM
12VR02 4-5.5T	555294.1	4748489.6	332.8	Lundin	REC	Overburden	Waste	1	Vieiro CM
12VR02 6-10T	555294.1	4748489.6	332.8	Lundin	AF	Amphibolite	Waste	1	Vieiro
12VR02 63.1-65.1T	555294.1	4748489.6	332.8	Lundin	PG	Paragneiss	Waste	0	Vieiro CM
12VR02 89.7-92.8T	555294.1	4748489.6	332.8	Lundin	AF	Amphibolite	Waste	0	Vieiro CM
12VR03 105-109T	555233.8	4748603.3	329.7	Lundin	AF	Amphibolite	Waste	0	Vieiro
12VR04 2.25-3T	555295.2	4748829.0	341.6	Lundin	PG	Paragneiss	Waste	1	Vieiro CM
12VR04 22-23.1T	555295.2	4748829.0	341.6	Lundin	PG	Paragneiss	Waste	0	Vieiro CM
12VR04 25-29T	555295.2	4748829.0	341.6	Lundin	PG	Paragneiss	Waste	0	Vieiro

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	m	m	m						
12VR04 41-44T	555295.2	4748829.0	341.6	Lundin	PG	Paragneiss	Waste	0	Vieiro CM
12VR04 44-48T	555295.2	4748829.0	341.6	Lundin	PG	Paragneiss	Waste	0	Vieiro
12VR05 15.2-15.7T	555484.0	4748315.2	341.7	Lundin	AFG	Amphibolite	Waste	0	Vieiro CM
12VR05 5-7.5T	555484.0	4748315.2	341.7	Lundin	AF	Amphibolite	Waste	1	Vieiro CM
12VR06 118-122T	555312.9	4748704.6	345.3	Lundin	PG	Paragneiss	Waste	0	Vieiro
12VR06 16.4-18.5T	555312.9	4748704.6	345.3	Lundin	PG	Paragneiss	Waste	0	Vieiro CM
12VR06 23.5-25T	555312.9	4748704.6	345.3	Lundin	PG	Paragneiss	Waste	0	Vieiro CM
12VR06 60-64T	555312.9	4748704.6	345.3	Lundin	PG	Paragneiss	Waste	0	Vieiro
12VR07 125-129T	555319.0	4748588.9	342.5	Lundin	AF	Amphibolite	Waste	0	Vieiro
12VR10 10.5-15.5T	555474.6	4748506.0	348.3	Lundin	PG	Paragneiss	Waste	0	Vieiro CM
12VR10 34.5-36T	555474.6	4748506.0	348.3	Lundin	PG	Paragneiss	Waste	0	Vieiro CM
12VR15 82-86T	555256.5	4748489.5	330.9	Lundin	AFG	Amphibolite	Waste	0	Vieiro
12VR16 10-14T	555276.4	4748643.6	342.1	Lundin	PG	Paragneiss	Waste	0	Vieiro
12VR16 102-106T	555276.4	4748643.6	342.1	Lundin	PG	Paragneiss	Waste	0	Vieiro
12VR16 5.7-6.3T	555276.4	4748643.6	342.1	Lundin	PG	Paragneiss	Waste	0	Vieiro CM
12VR17 18.1-18.75T	555518.0	4748264.7	343.3	Lundin	AF	Amphibolite	Waste	0	Vieiro CM
12VR17 28.1-29.7T	555518.0	4748264.7	343.3	Lundin	AF	Amphibolite	Waste	0	Vieiro CM
12VR17 42-46T	555518.0	4748264.7	343.3	Lundin	AFG	Amphibolite	Waste	0	Vieiro
12AC01 8-12	553476.9	4748457.5	362.5	LUND	AF	Amphibolite	Waste	1	ARCA
12AC02 23.5-25.45	553278.1	4748375.3	353.6	LUND	AFG	Amphibolite	Waste	0	ARCA
12AC03 8-11.9	553358.9	4748711.2	352.4	LUND	AF	Amphibolite	Waste	0	ARCA
12AC07 7.3-10.4	552887.4	4748959.3	278.0	LUND	PG	Paragneiss	Waste	0	ARCA
12AC11 26.1-28.1	552557.1	4748685.0	201.8	LUND	AFG	Amphibolite	Waste	0	ARCA
12AC11 80.55-82.6	552557.1	4748685.0	147.4	LUND	AFG	Amphibolite	Waste	0	ARCA
12AC12 141.6-143.9	552676.2	4748938.8	110.1	LUND	AFG	Amphibolite	Waste	0	ARCA
12AC15 20-24	552944.9	4749371.9	270.4	LUND	AF	Amphibolite	Waste	0	ARCA
12AC16 24-28	552894.8	4749335.9	259.8	LUND	AF	Amphibolite	Waste	0	ARCA
12AC16 94-96	552894.8	4749335.9	190.8	LUND	AFG	Amphibolite	Waste	0	ARCA
12AC18 4-8	552944.8	4749322.6	278.6	LUND	AF	Amphibolite	Waste	0	ARCA
12AC19 8-12	552997.3	4749321.7	276.5	LUND	AF	Amphibolite	Waste	0	ARCA
12AC21 35.9-37.9	552944.7	4749172.5	234.4	LUND	AFG	Amphibolite	Waste	0	ARCA
12AC22 36-40.6	552844.8	4749371.8	247.7	LUND	AF	Amphibolite	Waste	0	ARCA
12AC22 4-8	552844.8	4749371.8	280.0	LUND	AF	Amphibolite	Waste	0	ARCA
12AC23 24-28	553076.1	4749384.8	270.7	LUND	AF	Amphibolite	Waste	0	ARCA
12AC25 24-28	552891.3	4749421.4	264.6	LUND	AF	Amphibolite	Waste	0	ARCA
12AC25 36-39.7	552891.3	4749421.4	252.8	LUND	AF	Amphibolite	Waste	0	ARCA
12AC25 53.7-55.7	552891.3	4749421.4	235.9	LUND	AFG	Amphibolite	Waste	0	ARCA

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	m	m	m						
12AC25 8-12	552891.3	4749421.4	280.6	LUND	AF	Amphibolite	Waste	0	ARCA
12AC27 15.5-17.7	552825.3	4749025.2	249.5	LUND	AFG	Amphibolite	Waste	0	ARCA
12AC27 21.9-24	552825.3	4749025.2	243.1	LUND	AFG	Amphibolite	Waste	0	ARCA
12AC33 4-8.15	552723.9	4749023.5	243.3	LUND	AF	Amphibolite	Waste	0	ARCA
12AC34 30.05-32.25	553400.6	4748605.4	336.5	LUND	AFG	Amphibolite	Waste	0	ARCA
12AC34 8-11.4	553400.2	4748605.5	357.9	LUND	AF	Amphibolite	Waste	0	ARCA
12AR01 33.45-38	555570.9	4747557.2	328.0	LUND	AF	Amphibolite	Waste	0	ARINTEIRO
12AR01 48.15-52	555563.7	4747557.1	315.6	LUND	AF	Amphibolite	Waste	0	ARINTEIRO
12AR01 65.15-67.05	555555.7	4747557.0	301.7	LUND	AFG	Amphibolite	Waste	0	ARINTEIRO
12AR03 14.2-16.45	555556.7	4747407.1	345.7	LUND	DSC	Biotite Schist	Waste	0	ARINTEIRO
12AR03 39-43.3	555549.6	4747407.2	320.8	LUND	AF	Amphibolite	Waste	0	ARINTEIRO
12AR04 0-4	555594.0	4747457.5	366.5	LUND	PG	Paragneiss	Waste	0	ARINTEIRO
12AR04 16-20	555585.8	4747457.5	352.7	LUND	PG	Paragneiss	Waste	0	ARINTEIRO
12AR04 43.2-49.15	555571.6	4747457.5	328.4	LUND	AF	Amphibolite	Waste	0	ARINTEIRO
12AR04 79-82.8	555554.0	4747457.2	298.5	LUND	AF	Amphibolite	Waste	0	ARINTEIRO
12AR05 46-50	555503.7	4747806.6	315.8	LUND	PG	Paragneiss	Waste	0	ARINTEIRO
12AR05 70-74	555490.8	4747806.3	295.5	LUND	AF	Amphibolite	Waste	0	ARINTEIRO
12AR05 86-90	555482.4	4747806.0	281.9	LUND	AF	Amphibolite	Waste	0	ARINTEIRO
12AR06 47.95-49.2	555463.2	4747894.0	299.7	LUND	AF	Amphibolite	Waste	0	ARINTEIRO
12AR06 55-59	555463.2	4747894.0	291.3	LUND	AF	Amphibolite	Waste	0	ARINTEIRO
12AR06 67-71	555463.2	4747894.0	279.3	LUND	AF	Amphibolite	Waste	0	ARINTEIRO
12AR06 89.4-94.7	555463.2	4747894.0	256.2	LUND	AF	Amphibolite	Waste	0	ARINTEIRO
12BA01 20.75-22.75	552843.0	4747555.4	303.0	LUND	AFG	Amphibolite	Waste	0	BAMA
12BA04 16-20.25	553124.5	4747503.4	300.4	LUND	AF	Amphibolite	Waste	0	BAMA
12BA04 4-8	553124.3	4747503.3	312.5	LUND	AF	Amphibolite	Waste	0	BAMA
12BA04 76.3-78.3	553125.2	4747504.4	241.2	LUND	DSC	Biotite Schist	Waste	0	BAMA
12BA05 20-24	553175.3	4747665.6	317.0	LUND	AF	Amphibolite	Waste	0	BAMA
12BA05 8-12	553175.3	4747665.6	329.0	LUND	AF	Amphibolite	Waste	0	BAMA
12BA07 19-23	553302.8	4747945.3	338.4	LUND	AF	Amphibolite	Waste	0	BAMA
12BA07 31-33.5	553302.8	4747945.3	327.1	LUND	AF	Amphibolite	Waste	0	BAMA
12BA08 18.85-20.7	553150.1	4747895.8	302.8	LUND	AFG	Amphibolite	Waste	0	BAMA
12BA12 52-54.5	552827.2	4748020.7	233.5	LUND	AFG	Amphibolite	Waste	0	BAMA
12BA13 32.25-34.6	553062.2	4747662.2	264.1	LUND	AFG	Amphibolite	Waste	0	BAMA
12BA15 34.4-36.4	553121.3	4747472.3	302.3	LUND	AFG	Amphibolite	Waste	0	BAMA
12BA19 11.4-13.4	553139.6	4747768.6	329.3	LUND	AFG	Amphibolite	Waste	0	BAMA
12BA19 180.8-182.8	553022.8	4747765.6	206.7	LUND	MS	Massive sulphide	Waste	0	BAMA
12BA20 27.6-29.8	553168.2	4747768.6	313.2	LUND	AFG	Amphibolite	Waste	0	BAMA

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12BA20 45.75-47.7	553177.1	4747768.7	297.6	LUND	AFG	Amphibolite	Waste	0	BAMA
12BA20 95.2-97.3	553201.6	4747769.0	254.5	LUND	ZF	Fault Zone	Waste	0	BAMA
12BA24 16-20	553272.1	4747605.5	341.4	LUND	PG	Paragneiss	Waste	0	BAMA
12BA24 40-44	553272.1	4747605.5	317.4	LUND	PG	Paragneiss	Waste	0	BAMA
12BA24 60-64	553272.1	4747605.5	297.4	LUND	PG	Paragneiss	Waste	0	BAMA
12BA26 12.7-14.5	553409.9	4747799.9	352.8	LUND	AFG	Amphibolite	Waste	0	BAMA
12BA28 16.65-18.7	553410.2	4748043.4	356.9	LUND	AFG	Amphibolite	Waste	0	BAMA
12BA32 5.2-7.4	553153.1	4748150.1	328.7	LUND	AFG	Amphibolite	Waste	0	BAMA
12BA33 27.15-29.35	553490.5	4747845.3	346.1	LUND	AFG	Amphibolite	Waste	0	BAMA
12BR03 57.2-59.2	552568.2	4748035.3	173.2	LUND	AF	Amphibolite	Waste	0	BRANDELOS
12BR05 40.95-42.9	552516.7	4747470.6	196.2	LUND	PG	Paragneiss	Waste	0	BRANDELOS
12BR06 21.2-22.75	552428.0	4747742.7	196.9	LUND	AF	Amphibolite	Waste	0	BRANDELOS
12BR07 29.15-31.25	552444.4	4747375.3	208.2	LUND	PG	Paragneiss	Waste	0	BRANDELOS
12BR11 11.05-13.25	552374.7	4747573.1	200.5	LUND	AF	Amphibolite	Waste	0	BRANDELOS
12BR11 45.15-47.25	552374.7	4747573.1	166.4	LUND	PG	Paragneiss	Waste	0	BRANDELOS
12BR12 38.5-40.5	552293.6	4747672.3	161.6	LUND	AFG	Amphibolite	Waste	0	BRANDELOS
12MM04 31.2-33.35	554311.4	4749290.4	411.8	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM05 24.3-26.3	554192.5	4749216.5	415.6	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM06 7.5-8.6	554221.0	4749357.0	436.1	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM07 23.8-25.95	554234.1	4749455.8	410.3	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM08 12.85-15.05	554084.2	4749431.5	400.2	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM08 135.25-137.3	554082.3	4749434.0	278.0	LUND	PG	Paragneiss	Waste	0	MONTEMINAS
12MM08 72.3-74.45	554083.8	4749432.5	340.8	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM09 120.15-122.35	554064.4	4749313.3	292.0	LUND	AFG	Amphibolite	Waste	0	MONTEMINAS
12MM09 94.05-96.1	554064.4	4749313.3	318.2	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM10 55-57	553723.0	4749006.6	315.7	LUND	PG	Paragneiss	Waste	0	MONTEMINAS
12MM11 83.65-85.85	553531.3	4749121.6	241.7	LUND	PG	Paragneiss	Waste	0	MONTEMINAS
12MM13 48.45-50.5	554130.6	4749080.4	367.2	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM13 83.45-85.2	554130.6	4749080.4	332.3	LUND	PG	Paragneiss	Waste	0	MONTEMINAS
12MM15 58.1-59.9	554153.5	4748987.6	350.6	LUND	AFG	Amphibolite	Waste	0	MONTEMINAS
12MM16 56.4-58.45	553468.7	4749278.3	250.4	LUND	PG	Paragneiss	Waste	0	MONTEMINAS
12MM17 22.7-24.7	553937.0	4749143.4	377.2	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM17 94-96.1	553937.0	4749143.4	305.8	LUND	PG	Paragneiss	Waste	0	MONTEMINAS
12MM19 73-75.1	553376.3	4749284.7	230.6	LUND	PGS	Paragneiss	Waste	0	MONTEMINAS
12MM19 91.5-93.7	553376.0	4749284.0	212.0	LUND	PG	Paragneiss	Waste	0	MONTEMINAS
12MM22 111.5-113.7	553684.4	4749155.5	248.7	LUND	AFG	Amphibolite	Waste	0	MONTEMINAS
12MM23 101.5-103.7	553793.9	4749249.0	264.2	LUND	PG	Paragneiss	Waste	0	MONTEMINAS

LAB SAMPLE ID	X	Y	Z	Assay DB	Lithology	Material Type	Ore/waste	Oxide	Pit
	m	m	m						
12MM23 7.4-9.3	553794.2	4749248.5	358.5	LUND	PG	Paragneiss	Waste	0	MONTEMINAS
12MM24 68.1-70	553944.0	4749345.2	310.1	LUND	AFG	Amphibolite	Waste	0	MONTEMINAS
12MM25 98.15-100.2	554031.2	4749383.7	301.0	LUND	PG	Paragneiss	Waste	0	MONTEMINAS
12MM26 16-20	554020.0	4749127.8	390.0	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM26 24-28	554020.1	4749127.9	382.0	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM26 40-44	554020.2	4749127.9	366.0	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM26 52-55.6	554020.2	4749127.9	354.2	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM26 7.5-12	554020.0	4749127.8	398.2	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM28 28.35-30.4	553439.8	4749231.2	273.8	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM29 12-16	553911.6	4749397.9	352.0	LUND	PG	Paragneiss	Waste	0	MONTEMINAS
12MM29 64-66	553911.6	4749397.9	301.0	LUND	PG	Paragneiss	Waste	0	MONTEMINAS
12MM31 29.5-31.1	553859.0	4749357.4	329.2	LUND	AFG	Amphibolite	Waste	0	MONTEMINAS
12MM33 127.55-129.75	554256.5	4749556.8	294.6	LUND	PG	Paragneiss	Waste	0	MONTEMINAS
12MM33 31.75-33.7	554255.1	4749557.4	390.5	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM36 35.9-38.05	554104.2	4749527.4	372.5	LUND	AF	Amphibolite	Waste	0	MONTEMINAS
12MM36 84.65-86.15	554104.2	4749527.4	324.0	LUND	PGS	Paragneiss	Waste	0	MONTEMINAS
12MM38 80.6-82.8	553991.5	4749498.6	305.7	LUND	AFG	Amphibolite	Waste	0	MONTEMINAS
12VR01 47-50.4	555207.3	4748435.7	269.2	LUND	AF	Amphibolite	Waste	0	VIEIRO
12VR02 12-16	555294.1	4748489.6	320.3	LUND	AF	Amphibolite	Waste	0	VIEIRO
12VR02 123.3-125.3	555294.1	4748489.6	210.0	LUND	AFG	Amphibolite	Waste	0	VIEIRO
12VR02 38-42	555294.1	4748489.6	294.3	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR02 66-70	555294.1	4748489.6	266.3	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR02 82.55-87	555294.1	4748489.6	249.5	LUND	AF	Amphibolite	Waste	0	VIEIRO
12VR03 140.2-142.35	555233.8	4748603.3	190.6	LUND	AFG	Amphibolite	Waste	0	VIEIRO
12VR03 41-45	555233.8	4748603.3	288.9	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR03 57-61	555233.8	4748603.3	272.9	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR04 132-136	555295.2	4748829.0	207.9	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR04 148-150.15	555295.2	4748829.0	192.8	LUND	AF	Amphibolite	Waste	0	VIEIRO
12VR04 32-36	555295.2	4748829.0	307.9	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR04 8-12	555295.2	4748829.0	331.9	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR04 84-88	555295.2	4748829.0	255.9	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR05 0-4	555484.1	4748315.2	341.8	LUND	AF	Amphibolite	Waste	1	VIEIRO
12VR05 33.2-35.4	555469.1	4748315.1	313.2	LUND	AFG	Amphibolite	Waste	0	VIEIRO
12VR06 166.1-168.2	555312.9	4748704.6	178.3	LUND	AFG	Amphibolite	Waste	0	VIEIRO
12VR06 195.6-197.8	555312.9	4748704.6	148.8	LUND	AFG	Amphibolite	Waste	0	VIEIRO
12VR06 46-48.35	555312.9	4748704.6	298.3	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR06 4-8	555312.9	4748704.6	339.5	LUND	PG	Paragneiss	Waste	0	VIEIRO

LAB SAMPLE ID	X	Y	Z	Assay DB	Lithology	Material Type	Ore/waste	Oxide	Pit
	m	m	m						
12VR06 83-87	555312.9	4748704.6	260.5	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR08 106.4-108.55	555398.0	4748435.5	243.0	LUND	AFG	Amphibolite	Waste	0	VIEIRO
12VR08 22-26.3	555426.5	4748435.5	321.3	LUND	AF	Amphibolite	Waste	0	VIEIRO
12VR08 231.8-233.9	555355.2	4748435.5	125.2	LUND	AFG	Amphibolite	Waste	0	VIEIRO
12VR08 59-63.7	555413.8	4748435.5	286.4	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR10 16-20	555466.2	4748506.0	333.5	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR10 208.3-210.45	555368.9	4748505.3	168.7	LUND	AFG	Amphibolite	Waste	0	VIEIRO
12VR10 40-44	555454.2	4748506.0	312.7	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR10 72-77.15	555437.8	4748505.8	284.5	LUND	AF	Amphibolite	Waste	0	VIEIRO
12VR12 104-108	555472.2	4748081.1	251.7	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR12 132-136	555457.7	4748079.7	227.8	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR12 24-28	555513.1	4748084.8	320.3	LUND	PG	Paragneiss	Waste	1	VIEIRO
12VR12 68-72	555490.8	4748082.9	282.5	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR15 53-57	555230.1	4748488.5	282.9	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR15 9-13	555251.1	4748489.5	321.5	LUND	PG	Paragneiss	Waste	1	VIEIRO
12VR16 136-140	555199.1	4748642.2	228.2	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR16 51.8-56	555246.1	4748642.7	298.0	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR16 96-100	555221.7	4748642.4	261.3	LUND	PG	Paragneiss	Waste	0	VIEIRO
12VR17 19-23	555507.3	4748264.5	325.8	LUND	AF	Amphibolite	Waste	0	VIEIRO
12VR17 48.15-50	555492.7	4748264.3	301.8	LUND	AFG	Amphibolite	Waste	0	VIEIRO
DAR19 32-36	555533.2	4747764.4	328.3	ATM	PG	Paragneiss	Waste	0	ARINTEIRO
DAR19 44-50	555526.7	4747764.4	317.0	ATM	PG	Paragneiss	Waste	0	ARINTEIRO
GTAC2 12-16	552862.0	4749386.3	275.8	ATM	AF	Amphibolite	Waste	0	ARCA
GTAC2 28-32	552867.9	4749379.2	262.7	ATM	AF	Amphibolite	Waste	0	ARCA
GTAC2 44-48	552873.8	4749372.2	249.6	ATM	AF	Amphibolite	Waste	0	ARCA
GTMM2 58-62	554098.6	4749478.6	361.5	ATM	PGS	Paragneiss	Waste	0	MONTEMINAS
GTVR2 32-36	555555.9	4748408.7	320.3	ATM	PGS	Paragneiss	Waste	0	VIEIRO
GTVR2 96-100	555524.1	4748427.1	267.9	ATM	AF	Amphibolite	Waste	0	VIEIRO
GTVR3 120-124	555067.0	4748541.9	235.0	ATM	PG	Paragneiss	Waste	0	VIEIRO
GTVR3 136-140	555076.2	4748541.9	221.9	ATM	PG	Paragneiss	Waste	0	VIEIRO
GTVR3 184-188	555103.7	4748541.9	182.6	ATM	PG	Paragneiss	Waste	0	VIEIRO
GTVR3 216-220	555122.1	4748541.9	156.4	ATM	PG	Paragneiss	Waste	0	VIEIRO
GTVR3 232-236	555131.3	4748541.9	143.3	ATM	PG	Paragneiss	Waste	0	VIEIRO
GTVR3 24-28	555012.0	4748541.9	313.7	ATM	PG	Paragneiss	Waste	1	VIEIRO
GTVR3 264-267.2	555149.4	4748541.9	117.4	ATM	PG	Paragneiss	Waste	0	VIEIRO
GTVR3 56-60	555030.3	4748541.9	287.4	ATM	PG	Paragneiss	Waste	0	VIEIRO
GTVR3 88-92	555048.7	4748541.9	261.2	ATM	PG	Paragneiss	Waste	0	VIEIRO

LAB SAMPLE ID	X	Y	Z	Assay DB	Lithology	Material Type	Ore/waste	Oxide	Pit
	m	m	m						
IAR02 24-28	555598.1	4747458.0	332.2	ATM	PG	Paragneiss	Waste	0	ARINTEIRO
IAR02 40-44	555598.1	4747458.0	316.2	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR02 56-60	555598.1	4747458.0	300.2	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR02 72-76	555598.1	4747458.0	284.2	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR02 8-12	555598.1	4747458.0	348.2	ATM	PG	Paragneiss	Waste	0	ARINTEIRO
IAR02 88-92	555598.1	4747458.0	268.2	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR03 16-20	555595.0	4747513.0	341.0	ATM	PG	Paragneiss	Waste	0	ARINTEIRO
IAR03 32-36	555595.0	4747513.0	325.0	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR03 48-52	555595.0	4747513.0	309.0	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR03 64-68	555595.0	4747513.0	293.0	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR03 80-84	555595.0	4747513.0	277.0	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR04 16-20	555597.0	4747563.4	341.4	ATM	PG	Paragneiss	Waste	0	ARINTEIRO
IAR04 74-78	555597.0	4747563.4	283.4	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR04 90-94	555597.0	4747563.4	267.4	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR05 26-30	555563.4	4747603.1	320.6	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR05 42-46	555563.4	4747603.1	304.6	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR05 8-12	555563.4	4747603.1	338.6	ATM	PGS	Paragneiss	Waste	0	ARINTEIRO
IAR07 20-24	555512.5	4747440.1	319.0	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR07 32-38	555506.0	4747440.1	307.7	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR07 4-8	555520.5	4747440.1	332.8	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR08 42-46	555533.9	4747805.2	312.0	ATM	PG	Paragneiss	Waste	0	ARINTEIRO
IAR08 54-58	555533.9	4747805.2	300.0	ATM	PG	Paragneiss	Waste	0	ARINTEIRO
IAR09 38-42	555554.1	4747712.5	324.8	ATM	PGS	Paragneiss	Waste	0	ARINTEIRO
IAR09 54-58	555554.1	4747712.5	308.8	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR10 18-22	555347.6	4747990.7	308.8	ATM	PG	Paragneiss	Waste	1	ARINTEIRO
IAR10 28-32	555347.6	4747990.7	298.8	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR11 30-34	555552.0	4747665.0	336.2	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR11 48-52	555552.0	4747665.0	318.2	ATM	PG	Paragneiss	Waste	0	ARINTEIRO
IAR12 12-16	555551.8	4747765.8	343.8	ATM	PG	Paragneiss	Waste	1	ARINTEIRO
IAR12 32-36	555551.8	4747765.8	323.8	ATM	PG	Paragneiss	Waste	0	ARINTEIRO
IAR12 44-48	555551.8	4747765.8	311.8	ATM	PG	Paragneiss	Waste	0	ARINTEIRO
IAR13 22-26	555525.7	4747714.5	334.7	ATM	PG	Paragneiss	Waste	1	ARINTEIRO
IAR14 10-12	555593.2	4747707.3	354.9	ATM	PG	Paragneiss	Waste	1	ARINTEIRO
IAR14 22-26	555593.2	4747707.3	341.9	ATM	PG	Paragneiss	Waste	0	ARINTEIRO
IAR14 38-42	555593.2	4747707.3	325.9	ATM	PG	Paragneiss	Waste	0	ARINTEIRO
IAR14 59-64	555593.2	4747707.3	304.4	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IAR14 72-76	555593.2	4747707.3	291.9	ATM	AF	Amphibolite	Waste	0	ARINTEIRO

LAB SAMPLE ID	X	Y	Z	Assay DB	Lithology	Material Type	Ore/waste	Oxide	Pit
	m	m	m						
IAR14 88-92	555593.2	4747707.3	275.9	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
IBA14 22-26	553156.5	4747602.8	339.5	ATM	AF	Amphibolite	Waste	0	BAMA
IBA14 2-6	553156.5	4747602.8	359.5	ATM	AF	Amphibolite	Waste	0	BAMA
IBA22 26-30	553203.0	4747553.1	331.7	ATM	AF	Amphibolite	Waste	0	BAMA
IBA22 6-10	553203.0	4747553.1	351.7	ATM	PG	Paragneiss	Waste	1	BAMA
IVR01 20-24	555379.1	4748183.0	318.9	ATM	AF	Amphibolite	Waste	0	VIEIRO
IVR03 4-8	555481.4	4748312.2	337.9	ATM	AF	Amphibolite	Waste	0	VIEIRO
IVR06 10-14	555473.8	4748506.5	337.1	ATM	PG	Paragneiss	Waste	1	VIEIRO
IVR08 132-136	555399.8	4748586.7	215.9	ATM	PG	Paragneiss	Waste	0	VIEIRO
IVR08 54-60	555399.8	4748586.7	292.9	ATM	AF	Amphibolite	Waste	0	VIEIRO
IVR08 72-76	555399.8	4748586.7	275.9	ATM	PGS	Paragneiss	Waste	0	VIEIRO
IVR09 52-56	555237.9	4748506.0	273.3	ATM	PGS	Paragneiss	Waste	0	VIEIRO
IVR09 84-88	555237.9	4748506.0	241.3	ATM	PGS	Paragneiss	Waste	0	VIEIRO
IVR10 138-142	555450.7	4748673.3	215.4	ATM	PG	Paragneiss	Waste	0	VIEIRO
IVR10 90-94	555450.7	4748673.3	263.4	ATM	PGS	Paragneiss	Waste	0	VIEIRO
IVR12 14-18	555439.7	4748438.7	328.3	ATM	PG	Paragneiss	Waste	0	VIEIRO
IVR12 46-48	555439.7	4748438.7	297.3	ATM	PG	Paragneiss	Waste	0	VIEIRO
MAR_28 46-50	555437.8	4747887.4	309.2	ATM	PGS	Paragneiss	Waste	0	ARINTEIRO
MAR_28 54-60	555432.6	4747887.4	301.8	ATM	AF	Amphibolite	Waste	0	ARINTEIRO
MAR_33 26-30	555493.5	4747949.7	309.2	ATM	PG	Paragneiss	Waste	1	ARINTEIRO

LAB SAMPLE ID	Paste pH	Sulphur			Carbon		ABA					
		Total	Sulfate	Sulfide	Inorg C	Inorg CO2	FIZZ RTG	AP (SulfS)	NNP	NP	CaCO3 NP	NPR
	Unity	%	%	%	%	%	Unity	tCaCO3/1Kt	tCaCO3/1Kt	tCaCO3/1Kt		Unity
12AC01 15-19T	3.6	4.31	0.03	4.28	0.37	1.4	1	133.75	-126.75	7	30.8321	0.05
12AC02 10-14T	8.1	3.5	0.09	3.41	0.44	1.6	2	106.5625	-55.5625	51	36.6652	0.48
12AC03 4-6T	7.2	0.63	0.02	0.61	<0.05	<0.2	1	19.0625	-9.0625	10	4.1665	0.52
12AC08 18-21T	8.3	1.63	1.04	0.59	0.1	0.4	1	18.4375	-2.4375	16	8.333	0.87
12AC08 36-40T	7.9	4.56	0.02	4.54	0.09	0.3	1	141.875	-125.875	16	7.4997	0.11
12AC12 6-10T	6.6	0.06	0.03	0.03	<0.05	<0.2	1	0.9375	2.0625	3	4.1665	3.20
12AC14 14-18T	8.3	1.69	0.02	1.67	0.18	0.7	1	52.1875	-33.1875	19	14.9994	0.36
12AC14 4-8T	8.7	0.23	0.02	0.21	0.05	0.2	1	6.5625	6.4375	13	4.1665	1.98
12AC14 80-84T	7.9	2.61	0.02	2.59	<0.05	<0.2	1	80.9375	-69.9375	11	4.1665	0.14
12AC16 10-14T	4.1	0.52	0.02	0.5	<0.05	<0.2	1	15.625	-12.625	3	4.1665	0.19
12AC16 30-34T	8.6	0.32	0.02	0.3	<0.05	<0.2	1	9.375	3.625	13	4.1665	1.39
12AC27 2-6T	7	1.26	0.02	1.24	<0.05	<0.2	1	38.75	-28.75	10	4.1665	0.26
12AC28 2-6T	5.7	0.84	0.02	0.82	<0.05	<0.2	1	25.625	-24.625	1	4.1665	0.04
12AC28 30-34T	8.1	0.52	0.02	0.5	<0.05	<0.2	1	15.625	-3.625	12	4.1665	0.77
12AC29 21-25T	7.2	0.68	0.02	0.66	<0.05	<0.2	1	20.625	-11.625	9	4.1665	0.44
12AC28 70-74T	8.2	2.88	<0.01	2.88	0.27	1	2	90	-51	39	22.4991	0.43
12AC33 14-18T	8	1.54	0.03	1.51	0.18	0.7	1	47.1875	-30.1875	17	14.9994	0.36
12AC33 40-44T	6.8	1.72	0.03	1.69	0.13	0.5	1	52.8125	-42.8125	10	10.8329	0.19
12AR01 15-19T	7.6	1.4	0.07	1.33	0.06	0.2	1	41.5625	-29.5625	12	4.9998	0.29
12AR01 4-8T	9.7	0.01	0.01	<0.01	<0.05	<0.2	1	0.15575	9.84425	10	4.1665	64.21
12AR02 33-37T	8.7	0.95	0.02	0.93	0.38	1.4	2	29.0625	15.9375	45	31.6654	1.55
12AR03 56-60T	8.7	0.61	0.01	0.6	0.43	1.6	2	18.75	30.25	49	35.8319	2.61
12AR04 20.8-23.5T	9.4	0.05	0.01	0.04	<0.05	<0.2	1	1.25	8.75	10	4.1665	8.00
12AR04 26-30T	9.6	0.02	0.02	<0.01	<0.05	<0.2	1	0.15575	10.84425	11	4.1665	70.63
12AR04 34-36T	8.3	1.54	0.02	1.52	<0.05	<0.2	1	47.5	-29.5	18	4.1665	0.38
12AR04 51-54T	8.8	0.73	0.03	0.7	0.55	2	2	21.875	40.125	62	45.8315	2.83
12AR05 31-34T	7.8	0.01	0.01	<0.01	<0.05	<0.2	1	0.15575	6.84425	7	4.1665	44.94
12AR05 35-39T	8	0.01	0.02	<0.01	<0.05	<0.2	1	0.15575	8.84425	9	4.1665	57.78
12AR05 43-45T	9	0.05	0.03	0.02	<0.05	<0.2	1	0.625	9.375	10	4.1665	16.00
12AR05 59-63T	7.9	0.4	0.03	0.37	0.16	0.6	1	11.5625	-1.5625	10	13.3328	0.86
12AR05 7-8.7T	7.7	0.29	0.03	0.26	<0.05	<0.2	1	8.125	-0.125	8	4.1665	0.98
12AR05 78-83T	8.9	0.27	0.01	0.26	<0.05	<0.2	1	8.125	1.875	10	4.1665	1.23
12AR06 30-33T	7.7	0.01	0.02	<0.01	<0.05	<0.2	1	0.15575	7.84425	8	4.1665	51.36
12AR06 30-34T	8.8	0.02	<0.01	0.02	0.16	0.6	1	0.625	20.375	21	13.3328	33.60
12AR06 33-38T	7.6	0.01	<0.01	0.01	<0.05	<0.2	1	0.3125	6.6875	7	4.1665	22.40
12AR06 40-44T	8.7	0.06	<0.01	0.06	<0.05	<0.2	1	1.875	9.125	11	4.1665	5.87
12AR06 50-54T	8.1	1.17	0.01	1.16	0.21	0.8	2	36.25	-7.25	29	17.4993	0.80

LAB SAMPLE ID	Paste pH	Sulphur			Carbon		ABA					
		Total	Sulfate	Sulfide	Inorg C	Inorg CO2	FIZZ RTG	AP (SulfS)	NNP	NP	CaCO3 NP	NPR
	Unity	%	%	%	%	%	Unity	tCaCO3/1Kt	tCaCO3/1Kt	tCaCO3/1Kt		Unity
12AR06 76-78T	8.4	0.44	<0.01	0.44	0.14	0.5	1	13.75	8.25	22	11.6662	1.60
12BA04 12-16T	8.4	2.47	0.02	2.45	<0.05	<0.2	1	76.5625	-56.5625	20	4.1665	0.26
12BA13 50-54T	8.5	1.95	0.02	1.93	0.07	0.3	1	60.3125	-44.3125	16	5.8331	0.27
12BA20 79-83T	8.6	0.38	<0.01	0.38	0.34	1.2	2	11.875	26.125	38	28.3322	3.20
12BA20 84-87T	8.8	0.1	<0.01	0.1	<0.05	<0.2	1	3.125	7.875	11	4.1665	3.52
12BA21 80-84T	8.7	0.5	<0.01	0.5	0.07	0.3	1	15.625	6.375	22	5.8331	1.41
12BA23 3-7T	6.2	4.51	0.02	4.49	<0.05	<0.2	1	140.3125	-131.3125	9	4.1665	0.06
12BA24 10-14T	7.2	0.01	<0.01	0.01	<0.05	<0.2	1	0.3125	5.6875	6	4.1665	19.20
12BA29 15-19T	7.7	0.68	0.02	0.66	0.05	0.2	1	20.625	-8.625	12	4.1665	0.58
12BR03 55-57.2T	8.5	1.6	<0.01	1.6	0.43	1.6	2	50	5	55	35.8319	1.10
12BA05 24-28T	7.6	2.68	0.03	2.65	<0.05	<0.2	1	82.8125	-61.8125	21	4.1665	0.25
12BA12 20-24T	7.7	0.86	0.04	0.82	<0.05	<0.2	1	25.625	-7.625	18	4.1665	0.70
1BR05 16-18T	7.1	2.59	0.11	2.48	<0.05	<0.2	1	77.5	-59.5	18	4.1665	0.23
1BR07 4-8T	5.9	0.46	0.05	0.41	<0.05	<0.2	1	12.8125	-7.8125	5	4.1665	0.39
12BR11 6-10T	8.7	0.43	0.03	0.4	0.27	1	2	12.5	30.5	43	22.4991	3.44
12BR12 24-28T	8.6	0.82	0.02	0.8	0.24	0.9	2	25	17	42	19.9992	1.68
12MM07 10-14T	8.5	1.6	0.01	1.59	0.41	1.5	2	49.6875	7.3125	57	34.1653	1.15
12MM07 1-5T	8.7	1.29	0.02	1.27	0.07	0.3	1	39.6875	-17.6875	22	5.8331	0.55
12MM08 39-43T	9	0.12	0.03	0.09	<0.05	<0.2	1	2.8125	10.1875	13	4.1665	4.62
12MM08 56-60T	8.2	2.86	0.03	2.83	0.14	0.5	1	88.4375	-62.4375	26	11.6662	0.29
12MM09 8-12T	7.6	0.83	0.04	0.79	<0.05	<0.2	1	24.6875	-13.6875	11	4.1665	0.45
12MM11 2-6T	7.9	3.24	0.07	3.17	0.17	0.6	1	99.0625	-76.0625	23	14.1661	0.23
12MM24 4-8T	4	0.99	0.24	0.75	<0.05	0.2	1	23.4375	-20.4375	3	4.1665	0.13
12MM25 21-25T	8.4	0.31	0.02	0.29	<0.05	<0.2	1	9.0625	5.9375	15	4.1665	1.66
12MM25 41-45T	8.5	0.37	0.02	0.35	<0.05	<0.2	1	10.9375	3.0625	14	4.1665	1.28
12MM25 52-56T	8.9	0.24	0.02	0.22	<0.05	<0.2	1	6.875	9.125	16	4.1665	2.33
12MM31 5-9T	6.8	0.2	0.02	0.18	<0.05	<0.2	1	5.625	1.375	7	4.1665	1.24
12VR01 40-44T	8.5	1.81	0.01	1.8	<0.05	<0.2	1	56.25	-37.25	19	4.1665	0.34
12VR02 17-20T	8.2	0.32	0.01	0.31	0.15	0.5	1	9.6875	10.3125	20	12.4995	2.06
12VR02 4-5.5T	6.4	0.85	0.03	0.82	<0.05	<0.2	1	25.625	-11.625	14	4.1665	0.55
12VR02 6-10T	5.7	0.31	0.02	0.29	<0.05	<0.2	1	9.0625	-5.0625	4	4.1665	0.44
12VR02 63.1-65.1T	7.4	0.45	0.01	0.44	0.08	0.3	1	13.75	-1.75	12	6.6664	0.87
12VR02 89.7-92.8T	8.8	0.69	0.02	0.67	0.25	0.9	2	20.9375	21.0625	42	20.8325	2.01
12VR03 105-109T	5.6	5.58	0.08	5.5	0.37	1.4	2	171.875	-131.875	40	30.8321	0.23
12VR04 2.25-3T	6.8	0.01	0.03	<0.01	<0.05	<0.2	1	0.15575	7.84425	8	4.1665	51.36
12VR04 22-23.1T	7.6	0.46	0.02	0.44	<0.05	<0.2	1	13.75	-1.75	12	4.1665	0.87
12VR04 25-29T	8.7	0.19	0.02	0.17	<0.05	<0.2	1	5.3125	9.6875	15	4.1665	2.82

LAB SAMPLE ID	Paste pH	Sulphur			Carbon		ABA					
		Total	Sulfate	Sulfide	Inorg C	Inorg CO2	FIZZ RTG	AP (SulfS)	NNP	NP	CaCO3 NP	NPR
	Unity	%	%	%	%	%	Unity	tCaCO3/1Kt	tCaCO3/1Kt	tCaCO3/1Kt		Unity
12VR04 41-44T	7.4	0.68	0.02	0.66	<0.05	<0.2	1	20.625	-5.625	15	4.1665	0.73
12VR04 44-48T	7.4	0.53	0.01	0.52	0.05	0.2	1	16.25	-0.25	16	4.1665	0.98
12VR05 15.2-15.7T	7.3	1.61	0.02	1.59	0.06	0.2	1	49.6875	-21.6875	28	4.9998	0.56
12VR05 5-7.5T	6.6	0.58	0.04	0.54	<0.05	<0.2	1	16.875	-7.875	9	4.1665	0.53
12VR06 118-122T	9	0.36	0.02	0.34	<0.05	<0.2	1	10.625	4.375	15	4.1665	1.41
12VR06 16.4-18.5T	8.8	0.04	0.02	0.02	<0.05	<0.2	1	0.625	8.375	9	4.1665	14.40
12VR06 23.5-25T	8.4	0.08	0.02	0.06	<0.05	<0.2	1	1.875	12.125	14	4.1665	7.47
12VR06 60-64T	4.4	3.61	0.24	3.37	0.16	0.6	1	105.3125	-94.3125	11	13.3328	0.10
12VR07 125-129T	8.1	1.08	0.03	1.05	0.07	0.3	1	32.8125	-14.8125	18	5.8331	0.55
12VR10 10.5-15.5T	8.6	0.02	<0.01	0.02	<0.05	<0.2	1	0.625	6.375	7	4.1665	11.20
12VR10 34.5-36T	8.4	0.03	0.01	0.02	0.07	0.3	1	0.625	8.375	9	5.8331	14.40
12VR15 82-86T	8.1	0.74	0.02	0.72	0.08	0.3	1	22.5	-12.5	10	6.6664	0.44
12VR16 10-14T	4.3	2.71	0.32	2.39	0.12	0.4	1	74.6875	-71.6875	3	9.9996	0.04
12VR16 102-106T	8.8	0.11	0.02	0.09	<0.05	<0.2	1	2.8125	7.1875	10	4.1665	3.56
12VR16 5.7-6.3T	6.9	0.02	0.01	0.01	<0.05	<0.2	1	0.3125	6.6875	7	4.1665	22.40
12VR17 18.1-18.75T	6.5	1.71	0.07	1.64	0.35	1.3	2	51.25	-34.25	17	29.1655	0.33
12VR17 28.1-29.7T	4.5	2.26	0.18	2.08	0.07	0.3	1	65	-60	5	5.8331	0.08
12VR17 42-46T	6.3	2.93	0.02	2.91	0.15	0.6	1	90.9375	-79.9375	11	12.4995	0.12
12AC01 8-12	5.89	0.02	<0.01	0.02	<0.01		None	0.6	-0.625	0	<0.8	0.0
12AC02 23.5-25.45	6.22	2.49	0.26	2.23	<0.01		None	69.7	-66.5875	3.1	<0.8	0.0
12AC03 8-11.9	5.52	2.73	0.14	2.59	0.06		None	80.9	-78.4375	2.5	5.0	0.0
12AC07 7.3-10.4	3.81	8.56	0.99	7.57	<0.01		None	236.6	-236.5625	0.0	<0.8	0.0
12AC11 26.1-28.1	7.03	1.24	0.09	1.15	<0.01		None	35.9	-29.9375	6.0	<0.8	0.2
12AC11 80.55-82.6	7.47	6.43	0.15	6.28	0.5		Slight	196.3	-147.95	48.3	41.7	0.2
12AC12 141.6-143.9	5.68	2.76	0.42	2.34	<0.01		None	73.1	-68.625	4.5	<0.8	0.1
12AC15 20-24	8.07	0.932	0.07	0.86	0.2		None	26.9	-11.4375	15.5	16.7	0.6
12AC16 24-28	6.92	0.56	0.07	0.49	0.03		None	15.3	-10.7125	4.6	2.5	0.3
12AC16 94-96	5.76	4.41	0.3	4.11	<0.01		None	128.4	-126.5375	1.9	<0.8	0.0
12AC18 4-8	5.34	0.021	0.02	0.00	<0.01		None	0.0	-0.03125	0.0	<0.8	0.0
12AC19 8-12	7.87	0.339	0.05	0.29	0.03		None	9.0	-3.93125	5.1	2.5	0.6
12AC21 35.9-37.9	5.94	1.82	0.15	1.67	<0.01		None	52.2	-47.1875	5.0	<0.8	0.1
12AC22 36-40.6	8.60	0.821	0.05	0.77	0.16		None	24.1	-8.09375	16.0	13.3	0.7
12AC22 4-8	4.55	0.448	0.14	0.31	<0.01		None	9.6	-9.625	0	<0.8	0.0
12AC23 24-28	8.01	0.545	0.06	0.49	0.04		None	15.2	-8.65625	6.5	3.3	0.4
12AC25 24-28	8.79	0.881	0.05	0.83	0.12		None	26.0	-13.36875	12.6	10.0	0.5
12AC25 36-39.7	8.45	0.922	0.07	0.85	0.37		Slight	26.6	9.075	35.7	30.8	1.3
12AC25 53.7-55.7	7.79	1.6	0.11	1.49	0.02		None	46.6	-37.3625	9.2	1.7	0.2

LAB SAMPLE ID	Paste pH	Sulphur			Carbon		ABA					
		Total	Sulfate	Sulfide	Inorg C	Inorg CO2	FIZZ RTG	AP (SulfS)	NNP	NP	CaCO3 NP	NPR
	Unity	%	%	%	%	%	Unity	tCaCO3/1Kt	tCaCO3/1Kt	tCaCO3/1Kt		Unity
12AC25 8-12	7.34	0.708	0.14	0.57	0.1		None	17.8	-7.05	10.7	8.3	0.6
12AC27 15.5-17.7	8.02	0.877	0.07	0.81	0.07		None	25.2	-15.11875	10.1	5.8	0.4
12AC27 21.9-24	8.13	0.874	0.07	0.80	<0.01		None	25.1	-17.925	7.2	<0.8	0.3
12AC33 4-8.15	8.34	0.921	0.06	0.86	0.26		None	26.9	-1.40625	25.5	21.7	0.9
12AC34 30.05-32.25	5.69	2.28	0.16	2.12	0.05		None	66.3	-62.35	3.9	4.2	0.1
12AC34 8-11.4	7.85	0.765	0.08	0.69	0.05		None	21.4	-14.90625	6.5	4.2	0.3
12AR01 33.45-38	8.85	0.589	0.05	0.54	0.29		Slight	16.8	14.95625	31.8	24.2	1.9
12AR01 48.15-52	8.61	0.728	0.05	0.68	1.1		Moderate	21.2	76.4125	97.6	91.7	4.6
12AR01 65.15-67.05	8.14	3.14	0.09	3.05	0.17		None	95.3	-78.6125	16.7	14.2	0.2
12AR03 14.2-16.45	5.16	4.78	0.26	4.52	0.03		None	141.3	-138.15	3.1	2.5	0.0
12AR03 39-43.3	8.77	0.789	0.05	0.74	0.2		Slight	23.1	-0.99375	22.1	16.7	1.0
12AR04 0-4	9.42	0.03	0.01	0.02	<0.01		None	0.6	3.975	4.6	<0.8	7.4
12AR04 16-20	9.30	0.031	0.01	0.02	<0.01		None	0.7	4.04375	4.7	<0.8	7.2
12AR04 43.2-49.15	8.41	0.584	0.06	0.52	0.06		None	16.4	-10.175	6.2	5.0	0.4
12AR04 79-82.8	9.01	0.535	0.05	0.49	0.25		Slight	15.2	11.44375	26.6	20.8	1.8
12AR05 46-50	8.90	0.018	0.02	0.00	<0.01		None	0.1	5.1	5.2	<0.8	52.0
12AR05 70-74	7.44	0.61	0.06	0.55	0.32		None	17.2	-9.4875	7.7	26.7	0.4
12AR05 86-90	8.42	0.343	0.05	0.29	0.1		None	9.2	4.04375	13.2	8.3	1.4
12AR06 47.95-49.2	7.15	1.63	0.07	1.56	0.06		None	48.8	-42.55	6.2	5.0	0.1
12AR06 55-59	8.53	0.665	0.06	0.61	0.59		Slight	18.9	36.29375	55.2	49.2	2.9
12AR06 67-71	8.93	0.519	0.05	0.47	0.35		Slight	14.7	19.34375	34.0	29.2	2.3
12AR06 89.4-94.7	9.02	0.425	0.04	0.39	0.18		None	12.0	7.26875	19.3	15.0	1.6
12BA01 20.75-22.75	4.85	4.12	0.32	3.80	0.02		None	118.8	-118.35	0.4	1.7	0.0
12BA04 16-20.25	8.70	2.94	0.07	2.87	0.07		None	89.7	-79.3875	10.3	5.8	0.1
12BA04 4-8	8.85	0.521	0.05	0.47	0.63		Slight	14.7	44.38125	59.1	52.5	4.0
12BA04 76.3-78.3	8.18	3.27	0.09	3.18	0.27		Slight	99.4	-68.175	31.2	22.5	0.3
12BA05 20-24	8.43	1.72	0.06	1.66	0.13		Slight	51.9	-33.675	18.2	10.8	0.4
12BA05 8-12	8.71	0.554	0.05	0.50	0.43		None	15.8	28.45	44.2	35.8	2.8
12BA07 19-23	8.61	0.654	0.06	0.59	0.39		None	18.6	19.2375	37.8	32.5	2.0
12BA07 31-33.5	8.41	2.5	0.07	2.43	0.52		None	75.9	-28.3375	47.6	43.3	0.6
12BA08 18.85-20.7	5.03	3.61	0.27	3.34	0.04		None	104.4	-104.375	0	3.3	0.0
12BA12 52-54.5	6.88	2.95	0.2	2.75	0.08		None	85.9	-50.3375	35.6	6.7	0.4
12BA13 32.25-34.6	5.98	2.04	0.28	1.76	<0.01		None	55.0	-48.2	6.8	<0.8	0.1
12BA15 34.4-36.4	7.77	1	0.08	0.92	0.01		None	28.8	-16.45	12.3	0.8	0.4
12BA19 11.4-13.4	8.01	1.15	0.07	1.08	0.03		None	33.8	-23.75	10.0	2.5	0.3
12BA19 180.8-182.8	6.72	3.15	0.17	2.98	0.02		None	93.1	-87.425	5.7	1.7	0.1
12BA20 27.6-29.8	6.83	1.64	0.07	1.57	<0.01		None	49.1	-40.3625	8.7	<0.8	0.2

LAB SAMPLE ID	Paste pH	Sulphur			Carbon		ABA					
		Total	Sulfate	Sulfide	Inorg C	Inorg CO2	FIZZ RTG	AP (SulfS)	NNP	NP	CaCO3 NP	NPR
	Unity	%	%	%	%	%	Unity	tCaCO3/1Kt	tCaCO3/1Kt	tCaCO3/1Kt		Unity
12BA20 45.75-47.7	7.59	2.18	0.08	2.10	0.12		None	65.6	-45.625	20.0	10.0	0.3
12BA20 95.2-97.3	8.33	0.164	0.02	0.14	1.52		Moderate	4.5	125.2	129.7	126.7	28.8
12BA24 16-20	8.09	0.063	0.02	0.04	<0.01		None	1.3	2.25625	3.6	<0.8	2.7
12BA24 40-44	9.10	0.112	0.01	0.10	<0.01		None	3.2	0.7125	3.9	<0.8	1.2
12BA24 60-64	7.25	0.167	0.04	0.13	<0.01		None	4.0	0.13125	4.1	<0.8	1.0
12BA26 12.7-14.5	4.53	2.25	0.25	2.00	<0.01		None	62.5	-60	2.5	<0.8	0.0
12BA28 16.65-18.7	8.31	1.02	0.07	0.95	0.05		None	29.7	-15.4875	14.2	4.2	0.5
12BA32 5.2-7.4	5.01	3.27	0.28	2.99	0.03		None	93.4	-89.1375	4.3	2.5	0.0
12BA33 27.15-29.35	5.32	3.8	0.31	3.49	<0.01		None	109.1	-106.5625	2.5	<0.8	0.0
12BR03 57.2-59.2	8.21	2.45	0.13	2.32	0.18		None	72.5	-51.5	21.0	15.0	0.3
12BR05 40.95-42.9	8.73	0.922	0.05	0.87	0.05		None	27.3	-18.25	9.0	4.2	0.3
12BR06 21.2-22.75	8.65	0.585	0.07	0.52	0.1		None	16.1	1.50625	17.6	8.3	1.1
12BR07 29.15-31.25	9.49	0.072	0.03	0.04	<0.01		None	1.3	3.7875	5.1	<0.8	3.9
12BR11 11.05-13.25	8.90	0.838	0.04	0.80	0.42		Slight	24.9	13.8625	38.8	35.0	1.6
12BR11 45.15-47.25	8.94	1.32	0.07	1.25	0.07		None	39.1	-28.3625	10.7	5.8	0.3
12BR12 38.5-40.5	6.77	2.35	0.21	2.14	<0.01		None	66.9	-61.175	5.7	<0.8	0.1
12MM04 31.2-33.35	8.94	0.738	0.06	0.68	0.11		None	21.2	-5.6875	15.5	9.2	0.7
12MM05 24.3-26.3	9.15	0.663	0.06	0.60	0.16		Slight	18.8	1.55625	20.4	13.3	1.1
12MM06 7.5-8.6	5.22	6.39	0.5	5.89	0.1		None	184.1	-184.0625	0.0	8.3	0.0
12MM07 23.8-25.95	7.95	3.83	0.15	3.68	0.19		Slight	115.0	-95.5	19.5	15.8	0.2
12MM08 12.85-15.05	8.36	1.86	0.09	1.77	0.08		None	55.3	-42.4125	12.9	6.7	0.2
12MM08 135.25-137.3	9.58	0.187	0.04	0.15	<0.01		None	4.6	4.10625	8.7	<0.8	1.9
12MM08 72.3-74.45	9.17	1.18	0.12	1.06	0.09		None	33.1	-20.125	13.0	7.5	0.4
12MM09 120.15-122.35	6.54	4.01	0.41	3.60	0.01		None	112.5	-105.1	7.4	0.8	0.1
12MM09 94.05-96.1	8.93	1.81	0.09	1.72	0.3		Slight	53.8	-24.95	28.8	25.0	0.5
12MM10 55-57	7.17	1.23	0.12	1.11	<0.01		None	34.7	-30.7875	3.9	<0.8	0.1
12MM11 83.65-85.85	5.34	4.24	0.58	3.66	0.03		None	114.4	-113.475	0.9	2.5	0.0
12MM13 48.45-50.5	8.58	0.763	0.08	0.68	0.12		None	21.3	-3.94375	17.4	10.0	0.8
12MM13 83.45-85.2	7.37	4.05	0.16	3.89	0.06		None	121.6	-113.0625	8.5	5.0	0.1
12MM15 58.1-59.9	5.59	4.35	0.39	3.96	<0.01		None	123.8	-120.85	2.9	<0.8	0.0
12MM16 56.4-58.45	9.00	0.559	0.07	0.49	0.14		None	15.3	-0.28125	15.0	11.7	1.0
12MM17 22.7-24.7	7.65	0.664	0.19	0.47	0.14		None	14.8	0.4875	15.3	11.7	1.0
12MM17 94-96.1	9.80	0.276	0.04	0.24	0.03		None	7.4	2.025	9.4	2.5	1.3
12MM19 73-75.1	6.84	10.6	0.36	10.24	0.19		None	320.0	-302.7	17.3	15.8	0.1
12MM19 91.5-93.7	10.00	0.235	0.04	0.20	<0.01		None	6.1	1.30625	7.4	<0.8	1.2
12MM22 111.5-113.7	6.16	2.91	0.29	2.62	<0.01		None	81.9	-77.075	4.8	<0.8	0.1
12MM23 101.5-103.7	8.63	1.01	0.07	0.94	0.3		Slight	29.4	-0.475	28.9	25.0	1.0

LAB SAMPLE ID	Paste pH	Sulphur			Carbon		ABA					
		Total	Sulfate	Sulfide	Inorg C	Inorg CO2	FIZZ RTG	AP (SulfS)	NNP	NP	CaCO3 NP	NPR
	Unity	%	%	%	%	%	Unity	tCaCO3/1Kt	tCaCO3/1Kt	tCaCO3/1Kt		Unity
12MM23 7.4-9.3	4.55	1.65	0.31	1.34	0.22		None	41.9	-39.975	1.9	18.3	0.0
12MM24 68.1-70	4.99	3.91	0.69	3.22	<0.01		None	100.6	-100.625	0.0	<0.8	0.0
12MM25 98.15-100.2	4.51	0.974	0.33	0.64	<0.01		None	20.1	-19.925	0.2	<0.8	0.0
12MM26 16-20	8.42	0.38	0.08	0.30	0.02		None	9.4	-0.975	8.4	1.7	0.9
12MM26 24-28	8.84	0.326	0.05	0.28	0.98		Slight	8.6	78.375	87.0	81.7	10.1
12MM26 40-44	9.28	0.945	0.07	0.88	0.22		Slight	27.3	-3.74375	23.6	18.3	0.9
12MM26 52-55.6	9.07	0.726	0.05	0.68	0.17		Slight	21.1	-0.725	20.4	14.2	1.0
12MM26 7.5-12	7.50	0.184	0.06	0.12	<0.01		None	3.9	1.325	5.2	<0.8	1.3
12MM28 28.35-30.4	8.45	1.13	0.06	1.07	0.2		Slight	33.4	-13.9375	19.5	16.7	0.6
12MM29 12-16	7.44	0.204	0.04	0.16	<0.01		None	5.1	-2.725	2.4	<0.8	0.5
12MM29 64-66	9.32	0.404	0.03	0.37	0.09		None	11.7	-0.0875	11.6	7.5	1.0
12MM31 29.5-31.1	7.60	5.08	0.13	4.95	0.22		Slight	154.7	-134.1875	20.5	18.3	0.1
12MM33 127.55-129.75	5.26	5.01	0.36	4.65	<0.01		None	145.3	-143.2125	2.1	<0.8	0.0
12MM33 31.75-33.7	6.20	2.97	0.22	2.75	0.02		None	85.9	-81.7375	4.2	1.7	0.0
12MM36 35.9-38.05	8.35	2.01	0.08	1.93	0.19		None	60.3	-34.1125	26.2	15.8	0.4
12MM36 84.65-86.15	5.61	5.58	0.35	5.23	<0.01		None	163.4	-163.4375	0.0	<0.8	0.0
12MM38 80.6-82.8	6.88	7.11	0.39	6.72	0.11		None	210.0	-194.6	15.4	9.2	0.1
12VR01 47-50.4	5.84	3.27	0.09	3.18	0.09		None	99.4	-95.675	3.7	7.5	0.0
12VR02 12-16	5.43	1.58	0.12	1.46	0.11		None	45.6	-41.525	4.1	9.2	0.1
12VR02 123.3-125.3	6.27	2.9	0.16	2.74	0.35		None	85.6	-77.925	7.7	29.2	0.1
12VR02 38-42	4.54	4.48	0.14	4.34	<0.01		None	135.6	-134.725	0.9	<0.8	0.0
12VR02 66-70	6.98	0.927	0.07	0.86	0.06		None	26.8	-22.18125	4.6	5.0	0.2
12VR02 82.55-87	8.56	1.75	0.05	1.70	0.19		None	53.1	-38.125	15.0	15.8	0.3
12VR03 140.2-142.35	6.19	3.83	0.19	3.64	0.42		None	113.8	-106.05	7.7	35.0	0.1
12VR03 41-45	9.22	0.08	0.02	0.06	<0.01		None	1.9	3.225	5.1	<0.8	2.7
12VR03 57-61	8.49	0.18	0.04	0.14	<0.01		None	4.4	0.725	5.1	<0.8	1.2
12VR04 132-136	7.96	0.61	0.04	0.57	<0.01		None	17.8	-13.1125	4.7	<0.8	0.3
12VR04 148-150.15	7.03	1.28	0.07	1.21	<0.01		None	37.8	-33.2125	4.6	<0.8	0.1
12VR04 32-36	7.27	0.856	0.06	0.80	0.08		None	24.9	-19.875	5.0	6.7	0.2
12VR04 8-12	6.99	0.553	0.07	0.48	<0.01		None	15.1	-10.49375	4.6	<0.8	0.3
12VR04 84-88	5.92	2.35	0.1	2.25	0.09		None	70.3	-66.7125	3.6	7.5	0.1
12VR05 0-4	4.58	1.89	0.21	1.68	<0.01		None	52.5	-52	0.5	<0.8	0.0
12VR05 33.2-35.4	5.23	5.23	0.41	4.82	0.2		None	150.6	-148.425	2.2	16.7	0.0
12VR06 166.1-168.2	6.69	2.7	0.2	2.50	<0.01		None	78.1	-70.925	7.2	<0.8	0.1
12VR06 195.6-197.8	8.74	1.82	0.07	1.75	0.04		None	54.7	-45.3875	9.3	3.3	0.2
12VR06 46-48.35	7.11	0.842	0.07	0.77	<0.01		None	24.1	-19.125	5.0	<0.8	0.2
12VR06 4-8	5.52	1.05	0.09	0.96	<0.01		None	30.0	-26.4	3.6	<0.8	0.1

LAB SAMPLE ID	Paste pH	Sulphur			Carbon		ABA					
		Total	Sulfate	Sulfide	Inorg C	Inorg CO2	FIZZ RTG	AP (SulfS)	NNP	NP	CaCO3 NP	NPR
	Unity	%	%	%	%	%	Unity	tCaCO3/1Kt	tCaCO3/1Kt	tCaCO3/1Kt		Unity
12VR06 83-87	9.21	0.122	0.02	0.10	<0.01		None	3.2	1.9125	5.1	<0.8	1.6
12VR08 106.4-108.55	5.62	2.13	0.19	1.94	0.29		None	60.6	-53.825	6.8	24.2	0.1
12VR08 22-26.3	6.05	2.01	0.14	1.87	0.27		None	58.4	-55.5375	2.9	22.5	0.0
12VR08 231.8-233.9	6.05	3.34	0.16	3.18	0.26		None	99.4	-89.675	9.7	21.7	0.1
12VR08 59-63.7	6.13	1.05	0.07	0.98	0.07		None	30.6	-26.925	3.7	5.8	0.1
12VR10 16-20	8.65	0.112	0.02	0.09	<0.01		None	2.9	0.025	2.9	<0.8	1.0
12VR10 208.3-210.45	6.66	3.43	0.14	3.29	<0.01		None	102.8	-96.8125	6.0	<0.8	0.1
12VR10 40-44	9.61	0.043	0.01	0.03	0.03		None	1.0	3.66875	4.7	2.5	4.6
12VR10 72-77.15	7.27	1.17	0.07	1.10	0.26		None	34.4	-26.875	7.5	21.7	0.2
12VR12 104-108	10.12	0.038	0.02	0.02	<0.01		None	0.6	4.0375	4.6	<0.8	8.2
12VR12 132-136	9.26	0.04	0.02	0.02	<0.01		None	0.6	4.375	5.0	<0.8	8.0
12VR12 24-28	5.78	0.031	0.03	0.00	<0.01		None	0.0	-0.03125	0.0	<0.8	0.0
12VR12 68-72	7.66	0.32	0.04	0.28	<0.01		None	8.8	-5.25	3.5	<0.8	0.4
12VR15 53-57	8.02	0.153	0.03	0.12	<0.01		None	3.8	0.55625	4.4	<0.8	1.1
12VR15 9-13	4.80	0.054	0.04	0.01	<0.01		None	0.4	-0.4375	0.0	<0.8	0.0
12VR16 136-140	7.63	0.634	0.05	0.58	0.08		None	18.3	-13.75	4.5	6.7	0.2
12VR16 51.8-56	8.84	0.104	0.02	0.08	<0.01		None	2.6	1.875	4.5	<0.8	1.7
12VR16 96-100	9.50	0.075	0.02	0.06	<0.01		None	1.7	3.88125	5.6	<0.8	3.3
12VR17 19-23	3.73	2.04	0.26	1.78	0.3		None	55.6	-54.525	1.1	25.0	0.0
12VR17 48.15-50	6.03	1.56	0.12	1.44	0.04		None	45.0	-39	6.0	3.3	0.1
DAR19 32-36	8.45	0.017	0.02	0.00	<0.01		None	0.1	5.4	5.5	<0.8	55.0
DAR19 44-50	8.79	0.052	0.03	0.02	<0.01		None	0.7	4.2125	4.9	<0.8	7.1
GTAC2 12-16	9.07	0.667	0.17	0.50	0.19		None	15.5	4.46875	20.0	15.8	1.3
GTAC2 28-32	9.24	0.891	0.18	0.71	0.18		None	22.2	-3.31875	18.9	15.0	0.9
GTAC2 44-48	8.96	0.871	0.18	0.69	0.12		None	21.6	-6.39375	15.2	10.0	0.7
GTMM2 58-62	9.10	0.334	0.12	0.21	0.17		None	6.7	12.3125	19.0	14.2	2.8
GTVR2 32-36	8.54	0.3	0.07	0.23	0.05		None	7.2	-1.8875	5.3	4.2	0.7
GTVR2 96-100	7.25	3.18	0.24	2.94	0.1		None	91.9	-85.675	6.2	8.3	0.1
GTVR3 120-124	9.13	0.037	0.02	0.02	0.06		None	0.5	3.96875	4.5	5.0	8.5
GTVR3 136-140	9.10	0.072	0.03	0.04	<0.01		None	1.3	2.5875	3.9	<0.8	3.0
GTVR3 184-188	6.49	0.795	0.11	0.69	0.13		None	21.4	-18.70625	2.7	10.8	0.1
GTVR3 216-220	8.20	0.363	0.06	0.30	0.01		None	9.5	-5.56875	3.9	0.8	0.4
GTVR3 232-236	8.40	0.355	0.07	0.29	0.01		None	8.9	-4.90625	4.0	0.8	0.4
GTVR3 24-28	7.25	0.014	0.02	-0.01	<0.01		None	0.1	0.9	1.0	<0.8	10.0
GTVR3 264-267.2	9.18	0.031	<0.01	0.03	<0.01		None	1.0	2.13125	3.1	<0.8	3.2
GTVR3 56-60	8.59	0.269	0.02	0.25	<0.01		None	7.8	-4.38125	3.4	<0.8	0.4
GTVR3 88-92	8.43	0.152	0.02	0.13	<0.01		None	4.1	-0.525	3.6	<0.8	0.9

LAB SAMPLE ID	Paste pH	Sulphur			Carbon		ABA					
		Total	Sulfate	Sulfide	Inorg C	Inorg CO2	FIZZ RTG	AP (SulfS)	NNP	NP	CaCO3 NP	NPR
	Unity	%	%	%	%	%	Unity	tCaCO3/1Kt	tCaCO3/1Kt	tCaCO3/1Kt		Unity
IAR02 24-28	9.75	0.03	0.01	0.02	<0.01		None	0.6	3.775	4.4	<0.8	7.0
IAR02 40-44	4.41	0.986	0.35	0.64	<0.01		None	19.9	-18.375	1.5	<0.8	0.1
IAR02 56-60	7.08	2.02	0.21	1.81	0.09		None	56.6	-46.0625	10.5	7.5	0.2
IAR02 72-76	8.31	0.737	0.12	0.62	0.44		Slight	19.3	21.71875	41.0	36.7	2.1
IAR02 8-12	9.28	0.065	0.02	0.05	<0.01		None	1.4	3.49375	4.9	<0.8	3.5
IAR02 88-92	8.42	0.468	0.08	0.39	0.46		Slight	12.1	29.675	41.8	38.3	3.4
IAR03 16-20	9.83	0.031	0.01	0.02	<0.01		None	0.7	4.24375	4.9	<0.8	7.5
IAR03 32-36	5.51	1.94	0.4	1.54	0.03		None	48.1	-44.225	3.9	2.5	0.1
IAR03 48-52	9.07	0.511	0.05	0.46	0.33		Slight	14.4	20.09375	34.5	27.5	2.4
IAR03 64-68	8.97	0.97	0.05	0.92	0.27		Slight	28.8	-1.35	27.4	22.5	1.0
IAR03 80-84	9.02	0.91	0.05	0.86	0.37		Slight	26.9	9.825	36.7	30.8	1.4
IAR04 16-20	10.20	0.032	0.01	0.02	<0.01		None	0.7	4.3125	5.0	<0.8	7.3
IAR04 74-78	8.19	0.914	0.07	0.84	0.31		Slight	26.4	4.525	30.9	25.8	1.2
IAR04 90-94	8.54	0.671	0.05	0.62	0.38		Slight	19.4	16.39375	35.8	31.7	1.8
IAR05 26-30	8.49	0.992	0.06	0.93	0.14		None	29.1	-12.225	16.9	11.7	0.6
IAR05 42-46	8.53	0.477	0.04	0.44	0.46		Slight	13.7	30.54375	44.2	38.3	3.2
IAR05 8-12	8.28	0.663	0.07	0.59	0.5		Slight	18.5	26.16875	44.7	41.7	2.4
IAR07 20-24	8.49	0.878	0.05	0.83	0.58		Slight	25.9	26.925	52.8	48.3	2.0
IAR07 32-38	8.54	0.856	0.05	0.81	0.72		Moderate	25.2	37.1125	62.3	60.0	2.5
IAR07 4-8	8.48	0.711	0.08	0.63	0.14		None	19.7	-4.71875	15.0	11.7	0.8
IAR08 42-46	9.32	0.021	<0.01	0.02	<0.01		None	0.7	3.44375	4.1	<0.8	6.2
IAR08 54-58	8.02	0.185	0.03	0.16	0.01		None	4.8	-0.94375	3.9	0.8	0.8
IAR09 38-42	5.52	1.56	0.29	1.27	0.02		None	39.7	-35.1875	4.5	1.7	0.1
IAR09 54-58	7.50	1.04	0.15	0.89	0.1		None	27.8	-17.0125	10.8	8.3	0.4
IAR10 18-22	6.78	0.067	0.03	0.04	<0.01		None	1.2	1.14375	2.3	<0.8	2.0
IAR10 28-32	5.54	1.24	0.22	1.02	0.11		None	31.9	-30.475	1.4	9.2	0.0
IAR11 30-34	6.73	1.09	0.22	0.87	0.16		None	27.2	-18.6875	8.5	13.3	0.3
IAR11 48-52	7.96	0.643	0.05	0.59	0.43		Slight	18.5	23.96875	42.5	35.8	2.3
IAR12 12-16	5.55	0.037	0.03	0.01	<0.01		None	0.2	-0.21875	0	<0.8	0.0
IAR12 32-36	8.40	0.02	<0.01	0.02	<0.01		None	0.6	3.875	4.5	<0.8	7.2
IAR12 44-48	7.22	1.3	0.17	1.13	0.07		None	35.3	-26.6125	8.7	5.8	0.2
IAR13 22-26	7.35	0.019	0.01	0.01	<0.01		None	0.3	2.11875	2.4	<0.8	8.5
IAR14 10-12	6.93	0.01	<0.01	0.01	<0.01		None	0.3	1.0875	1.4	<0.8	4.5
IAR14 22-26	8.66	0.022	0.01	0.01	<0.01		None	0.4	3.625	4.0	<0.8	10.7
IAR14 38-42	9.67	0.02	<0.01	0.02	<0.01		None	0.6	3.975	4.6	<0.8	7.4
IAR14 59-64	8.18	1.43	0.05	1.38	0.1		None	43.1	-37.425	5.7	8.3	0.1
IAR14 72-76	8.40	0.88	0.04	0.84	0.84		Moderate	26.3	46.25	72.5	70.0	2.8

LAB SAMPLE ID	Paste pH	Sulphur			Carbon		ABA					
		Total	Sulfate	Sulfide	Inorg C	Inorg CO2	FIZZ RTG	AP (SulfS)	NNP	NP	CaCO3 NP	NPR
	Unity	%	%	%	%	%	Unity	tCaCO3/1Kt	tCaCO3/1Kt	tCaCO3/1Kt		Unity
IAR14 88-92	8.65	0.91	0.04	0.87	0.32		Slight	27.2	3.1125	30.3	26.7	1.1
IBA14 22-26	7.94	1.04	0.08	0.96	1.18		Slight	30.0	76.4	106.4	98.3	3.5
IBA14 2-6	3.66	1.67	0.55	1.12	<0.01		None	35.0	-35	0.0	<0.8	0.0
IBA22 26-30	7.58	0.964	0.19	0.77	1.22		Slight	24.2	80.3125	104.5	101.7	4.3
IBA22 6-10	5.33	0.02	0.01	0.01	<0.01		None	0.3	-0.3125	0.0	<0.8	0.0
IVR01 20-24	4.41	0.702	0.26	0.44	0.07		None	13.8	-13.6125	0.2	5.8	0.0
IVR03 4-8	3.62	1.15	0.71	0.44	<0.01		None	13.8	-13.75	0.0	<0.8	0.0
IVR06 10-14	8.54	0.032	0.01	0.02	0.03		None	0.7	2.9125	3.6	2.5	5.2
IVR08 132-136	9.32	0.189	0.02	0.17	<0.01		None	5.3	-2.08125	3.2	<0.8	0.6
IVR08 54-60	4.77	2.68	0.35	2.33	0.1		None	72.8	-69.3125	3.5	8.3	0.0
IVR08 72-76	6.28	0.918	0.09	0.83	0.04		None	25.9	-23.175	2.7	3.3	0.1
IVR09 52-56	5.30	0.296	0.23	0.07	<0.01		None	2.1	0.1375	2.2	<0.8	1.1
IVR09 84-88	5.35	4.85	0.38	4.47	<0.01		None	139.7	-138.6875	1.0	<0.8	0.0
IVR10 138-142	4.76	4.4	0.14	4.26	0.12		None	133.1	-132.725	0.4	10.0	0.0
IVR10 90-94	5.12	7.07	0.55	6.52	0.04		None	203.8	-203.75	0	3.3	0.0
IVR12 14-18	8.73	0.04	0.01	0.03	<0.01		None	0.9	3.0625	4.0	<0.8	4.3
IVR12 46-48	4.61	2.82	0.23	2.59	0.47		None	80.9	-80.9375	0	39.2	0.0
MAR_28 46-50	7.02	2.47	0.08	2.39	0.13		None	74.7	-67.3875	7.3	10.8	0.1
MAR_28 54-60	8.19	0.356	0.03	0.33	0.13		None	10.2	-5.5875	4.6	10.8	0.5
MAR_33 26-30	7.77	0.011	<0.01	0.01	<0.01		None	0.3	3.15625	3.5	<0.8	10.2

LAB SAMPLE ID	NAG pH				Whole Rock ICP													
	4.5	7.0	pH		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu
	kg H2SO4/t		Unity	H+	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
12AC01 15-19T	56.1	88.9	2.5	3.2E-03	0.34	6.73	1	130	0.55	0.2	4.18	0.25	12.25	59.2	114	0.45	355	
12AC02 10-14T	22.7	42.7	2.8	1.6E-03	0.32	6.76	0.4	190	0.64	0.2	7.76	0.23	17.1	41.4	172	0.34	423	
12AC03 4-6T	1.98	6.72	3.6	2.5E-04	0.16	6.16	0.4	10	0.27	0.04	1.08	0.13	11.35	50.9	106	0.45	548	
12AC08 18-21T	16	26.1	2.8	1.6E-03	0.27	7.55	0.6	60	0.47	0.25	8.92	0.22	10.25	41.9	204	0.69	374	
12AC08 36-40T	66	91.7	2.4	4.0E-03	0.58	7.36	0.5	530	1.53	0.39	4.32	0.9	41.9	34.9	188	1.61	318	
12AC12 6-10T	<0.01	<0.01	8.0	1.0E-08	0.39	8.72	1.3	170	0.6	0.06	4.11	0.33	9.92	42	303	0.5	251	
12AC14 14-18T	14.85	25.9	2.9	1.3E-03	0.21	7.37	0.6	40	0.41	0.09	5.88	0.34	12.6	51.9	191	0.38	762	
12AC14 4-8T	<0.01	<0.01	7.4	4.0E-08	0.02	7.12	0.8	20	0.55	0.03	7.77	0.14	15.25	44.8	141	0.17	45.3	
12AC14 80-84T	37.1	54.6	2.6	2.5E-03	0.38	6.22	1.1	650	1.98	0.39	1.43	0.39	47.8	21.6	152	1.45	331	
12AC16 10-14T	1.19	4.15	3.7	2.0E-04	0.06	7.52	0.9	40	0.49	0.08	7.45	0.12	13.85	42.4	210	0.25	53.1	
12AC16 30-34T	<0.01	0.2	6.5	3.2E-07	0.03	7.16	1	20	0.51	0.03	7.73	0.15	14.55	45.7	166	0.41	50.2	
12AC27 2-6T	14.05	24.7	2.9	1.3E-03	0.2	7.09	0.4	140	0.34	0.04	4.9	0.63	10	50.1	201	0.24	397	
12AC28 2-6T	6.91	16.8	3.2	6.3E-04	0.27	8.32	0.4	80	0.61	0.05	4.95	0.33	16.7	56.1	196	1	589	
12AC28 30-34T	0.3	4.35	4.1	7.9E-05	0.23	6.95	2.4	10	0.25	0.06	2.2	0.11	9.96	83.9	186	0.61	1150	
12AC29 21-25T	5.92	12.85	3.3	5.0E-04	0.14	7.75	1.3	520	1.83	0.16	0.83	0.27	63.9	16.2	156	1.89	58.6	
12AC28 70-74T	35.4	51.2	2.6	2.5E-03	0.32	7.05	0.7	120	0.51	0.26	8.23	0.2	13.35	48.2	159	1.11	267	
12AC33 14-18T	12.25	22.7	3.0	1.0E-03	0.05	7.87	1.4	110	0.35	0.05	6.31	0.14	9.63	49.4	270	0.29	71.2	
12AC33 40-44T	25.1	36.5	2.7	2.0E-03	0.11	7.4	0.7	170	0.71	0.39	7.07	0.37	13.7	44.1	175	0.48	63.9	
12AR01 15-19T	16	27.3	2.9	1.3E-03	0.07	7.75	0.7	410	1.29	0.13	4.79	0.24	43.9	27	205	2.14	117.5	
12AR01 4-8T	<0.01	<0.01	7.7	2.0E-08	0.04	8.29	0.3	580	1.84	0.16	0.85	<0.02	65.6	18.1	147	4.41	41.2	
12AR02 33-37T	<0.01	<0.01	9.5	3.2E-10	0.08	7.43	0.7	30	0.52	0.15	9.3	0.14	14.2	43.9	199	0.23	350	
12AR03 56-60T	<0.01	<0.01	10.5	3.2E-11	0.05	7.24	0.7	30	0.45	0.09	10.2	0.15	14.35	45.6	173	0.3	75.5	
12AR04 20.8-23.5T	<0.01	<0.01	7.3	5.0E-08	0.03	8.03	0.6	510	2.23	0.22	1.1	0.02	72	17.5	170	4.8	18.4	
12AR04 26-30T	<0.01	<0.01	7.8	1.6E-08	0.04	8.69	0.3	540	2.18	0.11	0.78	<0.02	64.8	18.8	145	5.76	39.5	
12AR04 34-36T	11.25	21	3.0	1.0E-03	0.06	7.17	0.7	60	0.49	0.15	8.6	0.26	13.6	47.3	159	0.71	76	
12AR04 51-54T	<0.01	<0.01	10.3	5.0E-11	0.05	7.33	0.5	60	0.49	0.14	10.05	0.19	14.3	44.8	180	0.32	124.5	
12AR05 31-34T	<0.01	<0.01	8.4	4.0E-09	0.04	7.74	0.7	430	1.69	0.1	0.78	0.05	60.7	15.8	186	3.6	28.8	
12AR05 35-39T	<0.01	<0.01	7.3	5.0E-08	0.06	7.32	1.3	540	1.65	0.12	0.87	0.02	52.2	13.4	176	3.48	18.9	
12AR05 43-45T	<0.01	<0.01	7.6	2.5E-08	0.04	9.07	0.6	540	2.18	0.17	0.91	0.04	64.8	19.6	153	4.38	60.9	
12AR05 59-63T	<0.01	0.99	5.2	6.3E-06	0.05	7.32	1.1	40	0.48	0.08	8.2	0.16	13.85	44.4	193	0.42	94.7	
12AR05 7-8.7T	<0.01	0.79	5.0	1.0E-05	0.05	7.77	4.7	70	0.57	0.03	7.61	0.16	15.2	46.5	187	0.25	92.4	
12AR05 78-83T	<0.01	0.1	6.7	2.0E-07	0.03	7.73	0.5	30	0.36	0.07	7.92	0.12	12.45	45.9	228	0.32	59.9	
12AR06 30-33T	<0.01	<0.01	7.7	2.0E-08	0.02	8.7	0.5	580	1.63	0.13	1.05	0.02	63.2	17.2	189	5.03	44	
12AR06 30-34T	<0.01	<0.01	10.4	4.0E-11	0.03	7.89	0.8	530	1.73	0.1	1.51	0.04	62.6	16.1	146	5.15	29.1	
12AR06 33-38T	<0.01	<0.01	7.2	6.3E-08	0.03	7.57	0.2	630	1.34	0.11	0.91	<0.02	65.7	13.9	198	4.7	4	
12AR06 40-44T	<0.01	<0.01	7.3	5.0E-08	0.03	8.28	0.5	580	1.96	0.15	0.75	0.02	74.3	18.8	163	5.14	26.5	
12AR06 50-54T	7.29	12	3.0	1.0E-03	0.17	5.33	0.7	290	1.16	0.1	3.99	0.13	30.8	21.2	211	2.26	112	

LAB SAMPLE ID	NAG pH				Whole Rock ICP													
	4.5	7.0	pH		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu
	kg H2SO4/t		Unity	H+	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
12AR06 76-78T	<0.01	<0.01	7.6	2.5E-08	0.04	7.58	0.5	30	0.42	0.06	9.49	0.14	11.25	44.8	241	0.22	161.5	
12BA04 12-16T	32.1	43.2	2.5	3.2E-03	0.07	7.83	0.8	60	0.27	0.03	6.65	0.13	9.01	41.6	252	0.13	113	
12BA13 50-54T	26.2	39	2.6	2.5E-03	0.07	7.09	<0.2	100	0.32	0.04	7.03	0.15	8.43	49.2	109	0.05	164	
12BA20 79-83T	<0.01	<0.01	11.2	6.3E-12	0.09	7.82	0.6	550	2.17	0.61	1.9	0.15	53	17.6	135	4.08	93.9	
12BA20 84-87T	<0.01	<0.01	8.0	1.0E-08	0.04	8.16	1.1	510	1.96	0.12	0.77	0.06	58.1	18.4	139	4.75	65.9	
12BA21 80-84T	<0.01	<0.01	7.0	1.0E-07	0.02	7.93	1.9	50	0.48	0.09	8.04	0.13	11.85	42.5	219	0.9	62.2	
12BA23 3-7T	47.7	70.5	2.5	3.2E-03	0.29	7.17	1.6	180	0.51	0.23	5.96	0.62	11.3	69.1	200	1.72	636	
12BA24 10-14T	<0.01	<0.01	7.1	7.9E-08	0.05	8.77	1.2	550	1.72	0.13	0.53	0.04	54	16.4	119	4.5	378	
12BA29 15-19T	1.97	6.11	3.5	3.2E-04	0.05	7.44	1	50	0.53	0.06	7.32	0.15	13.1	46.2	156	0.27	70.8	
12BR03 55-57.2T	<0.01	<0.01	7.1	7.9E-08	0.06	7.31	0.2	40	0.45	0.07	7.68	0.11	9.45	39.7	191	0.53	147.5	
12BA05 24-28T	38.8	52.6	2.4	4.0E-03	0.1	7.75	0.4	40	0.4	0.07	6.67	0.13	8.66	48.6	269	0.61	199	
12BA12 20-24T	6.11	10.85	3.1	7.9E-04	0.13	6.73	0.2	30	0.33	0.19	7.55	0.18	11.4	41.2	226	1.05	310	
1BR05 16-18T	26.2	47.1	2.8	1.6E-03	0.2	8.19	0.8	830	1.73	0.24	1.77	0.28	69.7	19.9	226	2.79	96.4	
1BR07 4-8T	2.17	6.3	3.5	3.2E-04	0.2	8.04	7.6	530	1.39	0.85	2.84	0.68	50.4	44.9	296	1.19	598	
12BR11 6-10T	<0.01	<0.01	10.4	4.0E-11	0.04	7.32	2	50	0.53	0.05	8.88	0.14	15.6	43.9	185	0.08	55	
12BR12 24-28T	<0.01	<0.01	7.8	1.6E-08	0.06	7.14	0.2	60	0.52	0.04	8.02	0.13	16	43.3	167	0.3	82.5	
12MM07 10-14T	<0.01	0.2	6.6	2.5E-07	0.27	7.08	0.7	210	0.53	0.13	9.14	0.15	14.4	43.1	207	0.31	110.5	
12MM07 1-5T	8.47	16.75	3.1	7.9E-04	0.19	7.45	0.7	150	0.48	0.15	7.77	0.17	16.9	39.9	240	0.19	91.7	
12MM08 39-43T	<0.01	<0.01	7.6	2.5E-08	0.06	8.67	1.1	670	2.07	0.19	1.06	0.07	69.7	15.3	130	3.76	27	
12MM08 56-60T	38	53.8	2.5	3.2E-03	0.27	6.98	0.7	560	2.21	0.32	1.87	1.33	63.5	20.6	180	2.93	212	
12MM09 8-12T	7.49	13.4	3.1	7.9E-04	0.09	6.96	<0.2	510	1.59	0.18	2.49	0.24	39.6	28.4	200	3.5	141.5	
12MM11 2-6T	38.6	54.9	2.5	3.2E-03	0.66	7.01	1	20	0.42	0.38	7.76	0.16	11.5	44.5	204	0.3	451	
12MM24 4-8T	8.08	16.75	3.0	1.0E-03	0.45	7.99	0.5	220	0.43	0.31	8.67	0.25	13.35	51.7	230	0.61	1385	
12MM25 21-25T	<0.01	1.28	4.6	2.5E-05	0.06	6.79	<0.2	550	2.1	0.17	0.96	0.06	49.7	15.8	146	4.31	39	
12MM25 41-45T	0.49	2.27	4.1	7.9E-05	0.11	8.64	0.8	570	2.08	0.2	1.05	0.07	64.9	15.5	166	4.57	34.2	
12MM25 52-56T	<0.01	0.49	5.4	4.0E-06	0.07	7.71	0.5	560	1.74	0.17	0.91	0.05	63.8	15.6	152	5.33	33.5	
12MM31 5-9T	<0.01	0.89	4.9	1.3E-05	0.15	8.93	1.1	620	2.19	0.16	0.71	0.03	64.1	14.6	154	1.43	167	
12VR01 40-44T	15	26	2.9	1.3E-03	0.28	6.76	2.2	80	0.47	0.3	7.85	0.27	10.35	47.1	157	0.13	131	
12VR02 17-20T	<0.01	0.2	6.3	5.0E-07	0.07	7.72	6.7	20	0.67	0.2	8.53	0.17	16.9	41.3	176	0.25	50.1	
12VR02 4-5.5T	6.26	11.35	3.2	6.3E-04	0.08	6.8	1.5	30	0.48	0.08	6.79	0.27	11.8	44.9	246	0.29	201	
12VR02 6-10T	0.1	2.54	4.3	5.0E-05	0.16	7.6	1.3	60	0.72	0.16	4.85	0.2	15.85	31.3	196	0.64	111.5	
12VR02 63.1-65.1T	1.86	4.5	3.5	3.2E-04	0.06	6.53	2.5	740	1.94	0.14	0.54	0.16	43.9	18.1	151	1.61	40.3	
12VR02 89.7-92.8T	<0.01	<0.01	8.7	2.0E-09	0.05	7.81	0.8	60	0.49	0.14	10.2	0.31	13.15	50.9	156	0.42	76.9	
12VR03 105-109T	71.8	104	2.3	5.0E-03	0.27	5.88	1.6	380	1.27	0.65	4.06	0.61	23.7	36.5	203	2.31	123.5	
12VR04 2.25-3T	<0.01	<0.01	7.8	1.6E-08	0.03	7.52	1	530	2.32	0.14	0.85	0.14	48.9	26	146	4.82	53.4	
12VR04 22-23.1T	2.54	5.09	3.4	4.0E-04	0.06	8.14	0.6	830	1.96	0.17	0.74	0.06	56.1	17.6	165	3.91	42.5	
12VR04 25-29T	<0.01	0.1	6.4	4.0E-07	0.04	7.89	0.4	590	2.24	0.13	1.22	0.09	70.7	20.8	150	4.57	43.9	

LAB SAMPLE ID	NAG pH				Whole Rock ICP													
	4.5	7.0	pH		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu
	kg H2SO4/t		Unity	H+	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
12VR04 41-44T	5.48	9.39	3.1	7.9E-04	0.12	7.52	0.7	650	1.98	0.15	1.51	0.43	49.7	19.1	194	2.32	52.3	
12VR04 44-48T	3.32	6.65	3.3	5.0E-04	0.08	6.69	1.5	650	1.88	0.13	1.12	0.18	50.2	20.1	170	1.86	45.2	
12VR05 15.2-15.7T	21.7	30.9	2.7	2.0E-03	0.17	7.15	<0.2	30	0.42	0.23	8	0.17	14.8	41.6	174	0.15	74.2	
12VR05 5-7.5T	1.76	4.3	3.6	2.5E-04	0.06	7.44	1.6	80	0.64	0.06	7.45	0.19	16.6	51.7	219	0.25	59.2	
12VR06 118-122T	0.1	1.66	4.3	5.0E-05	0.05	8.53	<0.2	660	1.94	0.27	0.93	0.07	61.3	20	140	3.48	44.4	
12VR06 16.4-18.5T	<0.01	<0.01	8.1	7.9E-09	0.09	7.08	3.5	360	1.33	0.06	0.3	0.08	53.1	11.1	162	1.13	14.3	
12VR06 23.5-25T	<0.01	<0.01	7.7	2.0E-08	0.06	5.34	0.2	550	1.68	0.14	0.78	0.03	47.9	14.1	140	4.48	24.3	
12VR06 60-64T	60.1	76.9	2.4	4.0E-03	0.14	7.16	0.6	400	1.75	0.3	0.53	1.06	53	19.7	138	3.48	71.3	
12VR07 125-129T	9.98	17.2	3.0	1.0E-03	0.09	7.55	0.5	250	1.1	0.2	4.91	0.2	33.1	42.5	152	2.26	71.9	
12VR10 10.5-15.5T	<0.01	<0.01	7.5	3.2E-08	0.03	6.29	1.5	460	1.27	0.07	0.73	0.2	50.6	10	190	1.02	21	
12VR10 34.5-36T	<0.01	<0.01	8.5	3.2E-09	0.07	7.69	4.1	590	1.26	0.09	0.64	0.06	60.4	18.7	175	1.24	61.5	
12VR15 82-86T	3.03	6.65	3.4	4.0E-04	0.07	7.77	1.5	80	0.57	0.13	6.79	0.27	14.05	55.8	186	0.48	61.1	
12VR16 10-14T	41.3	53.7	2.3	5.0E-03	0.15	7.21	1.2	760	1.96	0.32	1.01	0.89	58.7	21.4	197	2.34	73.4	
12VR16 102-106T	<0.01	<0.01	7.6	2.5E-08	0.03	8.75	2.5	520	2.17	0.15	0.77	0.06	61.2	19.4	154	2.34	23.2	
12VR16 5.7-6.3T	<0.01	<0.01	7.3	5.0E-08	0.05	8.43	0.3	680	2.4	0.17	1.2	0.08	78	15.2	151	3.39	52.2	
12VR17 18.1-18.75T	20.4	32.1	2.7	2.0E-03	0.12	7.46	0.9	100	0.67	0.29	8.01	0.24	16.85	26.7	217	0.32	83.7	
12VR17 28.1-29.7T	36.4	47.3	2.5	3.2E-03	0.18	7.48	0.2	30	0.59	0.26	7.6	0.2	11.35	49.7	234	0.26	140	
12VR17 42-46T	34.2	54	2.5	3.2E-03	0.3	6.95	0.5	10	0.44	0.18	6.47	0.19	13.5	51.5	225	0.5	481	
12AC01 8-12			5.6	2.8E-06	0.22	10.2	<1	108	0.6	0.13	5.57	0.69	15.19	47.3	284	1	124	
12AC02 23.5-25.45			2.2	6.6E-03	0.33	7.13	<1	20	0.4	0.16	5.24	1.53	10.07	56.7	207	<1	271	
12AC03 8-11.9			2.1	8.3E-03	0.21	6.73	<1	63	0.5	0.17	6.38	0.2	12.17	38.3	69	<1	305	
12AC07 7.3-10.4			1.8	1.7E-02	1.67	6.39	<1	63	0.4	0.78	1.61	12.68	16.39	83.8	136	1	1632	
12AC11 26.1-28.1			2.6	2.5E-03	0.22	7.02	<1	26	0.4	0.1	3.1	0.72	11.74	61.1	97	1	753	
12AC11 80.55-82.6			2.2	5.8E-03	1.28	6.09	158	106	0.5	0.66	2.4	2.83	12.75	70.9	171	3	1711	
12AC12 141.6-143.9			2.2	6.5E-03	0.32	7.12	<1	19	0.4	0.44	3.75	0.54	11.24	52.1	152	<1	1299	
12AC15 20-24			3.6	2.4E-04	0.07	7.67	<1	36	0.4	<0.04	8.11	0.16	13.78	42.1	138	<1	68.4	
12AC16 24-28			3.2	6.5E-04	0.05	7.48	<1	48	0.5	<0.04	7.71	0.15	13.55	47.1	140	<1	78	
12AC16 94-96			2.0	9.8E-03	1.53	6.56	<1	16	0.4	0.25	2.56	2.31	11.28	42	154	<1	1004	
12AC18 4-8			5.7	2.2E-06	0.05	10.2	2	112	1.1	0.06	2.69	0.23	16.81	45.4	238	<1	94.9	
12AC19 8-12			3.8	1.5E-04	0.04	7.27	<1	25	0.5	<0.04	8.09	0.16	14.36	42.4	115	<1	74.1	
12AC21 35.9-37.9			2.3	5.0E-03	0.42	6.68	<1	25	0.3	0.22	3.03	0.13	11.61	64.9	120	<1	667	
12AC22 36-40.6			3.8	1.5E-04	0.09	7.34	<1	32	0.5	0.09	8.73	0.15	13.4	45.3	125	<1	83.7	
12AC22 4-8			3.1	7.2E-04	0.09	7.77	<1	68	0.5	0.06	7.39	0.2	15.74	46.1	123	<1	57.9	
12AC23 24-28			3.8	1.6E-04	0.05	7.48	<1	42	0.5	<0.04	7.51	0.14	15.74	43.4	93	<1	57.8	
12AC25 24-28			3.5	3.5E-04	0.08	7.3	<1	30	0.4	0.08	8.28	0.14	13.12	45	182	<1	78.5	
12AC25 36-39.7			6.0	1.1E-06	0.08	7.3	<1	49	0.4	0.1	8.63	0.15	12.98	46.5	146	<1	70.5	
12AC25 53.7-55.7			2.9	1.3E-03	0.24	6.99	<1	41	0.3	0.08	3.46	0.27	10.88	60.9	162	1	931	

LAB SAMPLE ID	NAG pH				Whole Rock ICP													
	4.5	7.0	pH		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu
	kg H2SO4/t		Unity	H+	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
12AC25 8-12			3.9	1.1E-04	0.11	7.35	<1	50	0.5	0.07	7.75	0.17	15.48	46.9	137	<1	56.7	
12AC27 15.5-17.7			3.8	1.6E-04	0.2	6.66	<1	20	0.3	0.11	2.42	0.09	9.99	82.4	163	<1	999	
12AC27 21.9-24			3.2	6.0E-04	0.18	7.02	<1	24	0.3	0.11	2.48	0.08	10.33	83.1	149	<1	1036	
12AC33 4-8.15			5.1	7.6E-06	0.04	7.15	<1	35	0.4	<0.04	8.42	0.15	12.61	45.6	125	<1	68	
12AC34 30.05-32.25			2.4	4.5E-03	0.31	6.46	1	26	0.3	0.06	2.44	0.22	11.91	76.1	113	<1	1128	
12AC34 8-11.4			3.1	7.2E-04	0.06	7.14	<1	31	0.5	<0.04	7.69	0.14	13.58	46	114	<1	59.2	
12AR01 33.45-38			5.9	1.4E-06	0.05	7.03	<1	94	0.5	0.09	9.04	0.16	13.42	46.1	135	<1	76.3	
12AR01 48.15-52			6.3	4.9E-07	0.06	6.8	<1	45	0.4	0.09	12.1	0.17	10.35	40.2	167	<1	118	
12AR01 65.15-67.05			2.3	5.0E-03	0.34	6.48	<1	56	0.4	0.21	6.75	0.31	10.75	52.5	130	<1	1675	
12AR03 14.2-16.45			2.2	6.9E-03	0.22	6.93	<1	205	1.7	0.17	2.53	1.2	40.44	35.5	169	4	606	
12AR03 39-43.3			4.9	1.3E-05	0.06	7.14	<1	60	0.5	0.13	9.61	0.21	15.55	42.1	133	<1	157	
12AR04 0-4			4.8	1.7E-05	0.03	7.66	<1	480	1.4	0.16	1	0.04	51.98	15.9	63	5	37.9	
12AR04 16-20			4.7	1.8E-05	<0.02	8.05	<1	581	2.1	0.17	0.78	0.03	60.06	19.1	59	6	31.7	
12AR04 43.2-49.15			3.4	4.0E-04	0.05	7.35	<1	110	0.5	0.09	7.32	0.16	13.83	48.1	198	<1	60.5	
12AR04 79-82.8			5.3	5.5E-06	0.03	7.29	<1	42	0.4	0.04	9.19	0.14	11.78	45.4	194	<1	96.7	
12AR05 46-50			4.7	1.9E-05	<0.02	8.6	<1	571	2.1	0.13	0.85	0.04	62.15	19	59	4	28.8	
12AR05 70-74			3.7	2.1E-04	0.03	7.42	<1	64	0.6	0.08	8.4	0.14	15.22	46.5	148	<1	70.1	
12AR05 86-90			5.6	2.4E-06	0.04	7.48	<1	28	0.5	0.11	8.29	0.15	11.53	45.4	186	<1	144	
12AR06 47.95-49.2			2.8	1.6E-03	0.09	7.91	<1	92	0.6	0.3	7.78	0.42	15.23	47.8	202	1	83.7	
12AR06 55-59			6.5	3.5E-07	0.06	6.49	<1	63	0.4	0.06	9.51	0.16	12.44	39.9	191	<1	84.5	
12AR06 67-71			6.3	5.6E-07	0.04	7.11	<1	53	0.4	<0.04	9.3	0.14	15.23	40.4	184	<1	60.3	
12AR06 89.4-94.7			6.1	8.1E-07	0.03	7.21	<1	34	0.4	0.04	8.88	0.13	11.05	41.8	204	<1	67.4	
12BA01 20.75-22.75			2.5	3.3E-03	0.48	6.8	<1	29	0.5	0.2	4.02	2.47	12.61	45.3	114	<1	1091	
12BA04 16-20.25			2.4	4.0E-03	0.17	7.61	<1	58	0.3	<0.04	6.55	0.09	8.91	38.9	226	<1	145	
12BA04 4-8			5.8	1.7E-06	0.03	7.32	<1	38	0.4	<0.04	10.1	0.13	13.67	43.8	133	<1	59.3	
12BA04 76.3-78.3			2.4	3.6E-03	0.36	6.54	2	31	0.3	0.27	1.68	0.9	11.77	65.2	131	4	1864	
12BA05 20-24			2.5	3.0E-03	0.05	7.55	<1	31	0.5	0.05	8.29	0.13	11.64	39.6	183	<1	82.9	
12BA05 8-12			6.1	8.5E-07	0.06	7.07	<1	43	0.4	<0.04	8.22	0.14	12.65	38.8	132	<1	69.5	
12BA07 19-23			5.5	3.0E-06	0.03	7.25	<1	36	0.5	<0.04	9.4	0.16	14.07	42.3	153	<1	61.2	
12BA07 31-33.5			2.9	1.4E-03	0.09	8.17	<1	34	0.3	<0.04	8.25	0.14	8.54	43.4	250	<1	69.6	
12BA08 18.85-20.7			2.2	6.8E-03	0.37	7.37	4	41	0.4	0.06	1.11	1.92	7.96	64.2	227	<1	868	
12BA12 52-54.5			2.2	5.9E-03	0.6	6.98	<1	25	0.3	0.61	3.22	1.15	5.22	73.6	514	<1	1608	
12BA13 32.25-34.6			2.3	4.8E-03	0.37	6.66	<1	27	0.2	0.08	2.02	0.62	11.3	80.2	165	<1	1545	
12BA15 34.4-36.4			3.2	6.8E-04	0.21	6.22	<1	32	0.3	0.08	2.21	0.28	9.69	69.4	172	2	1638	
12BA19 11.4-13.4			2.8	1.7E-03	0.17	7.01	<1	29	0.5	0.07	4.9	0.92	12.1	51.2	66	<1	408	
12BA19 180.8-182.8			2.0	9.1E-03	0.54	7.49	<1	41	0.4	0.22	4.97	2.64	9.99	46.8	255	<1	782	
12BA20 27.6-29.8			2.5	3.0E-03	0.34	7.27	<1	26	0.2	0.1	1.16	0.46	7.51	72.2	160	3	1851	

LAB SAMPLE ID	NAG pH				Whole Rock ICP													
	4.5	7.0	pH		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu
	kg H2SO4/t		Unity	H+	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
12BA20 45.75-47.7			2.5	3.0E-03	0.5	6.96	<1	31	0.3	0.13	1.65	1.43	10.06	67.9	120	3	1718	
12BA20 95.2-97.3			6.0	1.0E-06	0.06	6.93	28	385	2	0.14	5.14	0.17	52.29	15.6	60	19	55.4	
12BA24 16-20			4.5	3.2E-05	<0.02	8.15	<1	487	2	0.15	0.77	0.03	67.28	17.8	55	6	23.2	
12BA24 40-44			4.8	1.7E-05	<0.02	8.57	<1	508	2	0.17	0.76	0.04	67.15	18.8	55	7	32.3	
12BA24 60-64			4.3	4.6E-05	<0.02	8.85	<1	571	2.5	0.1	0.79	0.03	72.17	21.1	63	7	31	
12BA26 12.7-14.5			2.5	3.0E-03	0.18	7.06	<1	40	0.4	0.05	2.89	1.07	9.97	65.9	144	<1	578	
12BA28 16.65-18.7			3.8	1.6E-04	0.32	7.12	<1	22	0.5	0.08	2.66	0.32	13.14	61.6	72	2	1001	
12BA32 5.2-7.4			2.6	2.8E-03	0.36	7.07	<1	23	0.4	0.25	1.72	0.83	11.54	61.7	132	1	1709	
12BA33 27.15-29.35			2.0	1.1E-02	0.37	6.11	<1	29	0.3	0.21	1.34	1.15	11.35	53.2	210	1	741	
12BR03 57.2-59.2			2.2	6.0E-03	0.11	7.25	1	47	0.4	0.07	5.61	0.16	11.34	46.4	163	<1	328	
12BR05 40.95-42.9			2.8	1.7E-03	0.11	7.36	<1	586	2.3	0.34	1.27	0.13	72.58	19.2	71	2	126	
12BR06 21.2-22.75			5.1	7.6E-06	0.11	7.78	1	71	0.5	2.08	7.28	0.67	5.74	51	492	2	352	
12BR07 29.15-31.25			4.9	1.3E-05	<0.02	8.26	<1	527	2.3	0.24	0.7	0.05	66.63	17.3	52	3	24.7	
12BR11 11.05-13.25			5.4	4.1E-06	0.05	7.12	<1	29	0.5	0.07	8.79	0.16	13.97	40.6	134	<1	52.9	
12BR11 45.15-47.25			2.5	3.0E-03	0.17	7.85	<1	620	2.2	3.5	1.21	0.29	71.02	18.8	67	3	118	
12BR12 38.5-40.5			2.2	6.9E-03	0.41	6.51	<1	152	0.3	0.25	2.64	0.26	12.16	83.1	218	<1	1735	
12MM04 31.2-33.35			4.1	8.9E-05	0.06	7.23	<1	32	0.5	0.08	7.65	0.17	14.52	46.4	130	<1	76.9	
12MM05 24.3-26.3			5.2	6.5E-06	0.06	6.79	<1	31	0.5	0.14	7.77	0.18	15.84	46.2	105	<1	126	
12MM06 7.5-8.6			2.1	7.2E-03	0.94	5.75	<1	62	0.6	0.48	6.43	0.28	12.58	81.4	141	1	777	
12MM07 23.8-25.95			2.2	6.5E-03	0.3	6.99	<1	289	0.5	0.32	7.44	0.28	14.02	41.6	211	<1	503	
12MM08 12.85-15.05			2.5	2.9E-03	0.37	7.79	<1	60	0.5	0.35	8.31	0.2	11.92	48.5	177	<1	1286	
12MM08 135.25-137.3			5.0	1.1E-05	0.04	8.54	<1	775	1.8	1.02	1.42	0.05	72.3	19.3	70	6	42.5	
12MM08 72.3-74.45			3.0	9.5E-04	0.19	7.46	<1	86	0.4	0.17	7.31	0.13	11.58	46.3	100	<1	145	
12MM09 120.15-122.35			2.6	2.8E-03	1.04	6.94	2	47	0.4	0.62	2.63	1.68	13.31	54.2	163	<1	935	
12MM09 94.05-96.1			3.3	4.9E-04	0.21	7.37	<1	109	0.4	0.22	8.57	0.21	13.55	42.4	240	<1	220	
12MM10 55-57			2.8	1.5E-03	0.13	8.06	<1	826	2	0.22	1.59	0.17	62.59	17.6	67	3	73.1	
12MM11 83.65-85.85			2.4	4.3E-03	0.48	7.59	<1	262	2.2	0.42	1.43	2.81	59.19	24.2	81	2	561	
12MM13 48.45-50.5			5.0	1.1E-05	0.1	7.6	<1	44	0.4	0.11	7.07	0.13	15.42	38.8	100	<1	192	
12MM13 83.45-85.2			2.4	3.8E-03	0.46	7.24	6	412	1.8	0.44	0.55	3.27	54.85	21.3	83	1	438	
12MM15 58.1-59.9			2.5	3.2E-03	1.36	6.51	2	24	0.2	0.52	2.12	0.91	10.51	72.9	167	<1	1867	
12MM16 56.4-58.45			5.5	2.9E-06	0.18	7.44	6	452	1.6	0.14	1.28	0.07	56.86	16.7	69	3	280	
12MM17 22.7-24.7			5.5	3.4E-06	0.09	8.75	2	49	0.2	0.06	7.69	0.1	4.6	58.1	481	<1	158	
12MM17 94-96.1			4.7	1.8E-05	0.08	8.32	<1	631	1.9	0.18	1.51	0.07	79.5	20.2	69	5	33.3	
12MM19 73-75.1			2.2	6.2E-03	2.06	5.73	2	110	1.1	0.25	2.38	6.75	54.88	69.1	61	3	1762	
12MM19 91.5-93.7			4.7	2.1E-05	0.04	8.3	<1	585	2	0.14	1.5	0.05	74.97	20.1	87	8	72.3	
12MM22 111.5-113.7			2.3	5.4E-03	0.7	7.13	1	22	0.3	0.22	3.24	1.64	11.14	61.5	195	<1	1277	
12MM23 101.5-103.7			5.2	6.5E-06	0.05	7.84	2	916	1.5	0.19	1.59	0.23	73.12	19.8	74	2	48.5	

LAB SAMPLE ID	NAG pH				Whole Rock ICP													
	4.5	7.0	pH		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu
	kg H2SO4/t		Unity	H+	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
12MM23 7.4-9.3			2.4	4.3E-03	0.55	7.87	7	526	2	0.19	0.56	0.25	58.04	19.9	64	3	504	
12MM24 68.1-70			2.1	7.9E-03	0.77	6.92	<1	23	0.5	0.79	3.96	1.41	12.69	57.3	159	<1	1101	
12MM25 98.15-100.2			2.6	2.7E-03	0.16	8.14	<1	598	2	0.23	0.87	0.16	58.06	16.7	80	3	51.7	
12MM26 16-20			4.4	4.2E-05	0.07	7.5	<1	47	0.4	0.06	8.31	0.15	15.64	44.5	195	<1	86	
12MM26 24-28			6.0	9.3E-07	0.09	7.05	15	50	0.5	0.05	8.05	0.14	14.97	41.1	164	<1	60.1	
12MM26 40-44			4.2	5.8E-05	0.05	7.58	<1	31	0.4	0.05	9.15	0.14	11.65	43.2	109	<1	79.6	
12MM26 52-55.6			4.8	1.7E-05	0.06	7.36	<1	38	0.4	0.05	8.24	0.15	14.42	46.8	113	<1	101	
12MM26 7.5-12			5.2	5.8E-06	0.09	7.54	3	47	0.5	<0.04	8	0.16	15.3	44.4	232	<1	75.3	
12MM28 28.35-30.4			3.9	1.3E-04	0.27	7.41	<1	29	0.3	0.24	9.32	0.27	11.33	46.4	170	2	724	
12MM29 12-16			4.4	4.5E-05	0.04	9.14	<1	618	2	0.23	0.78	0.05	69.19	16.5	63	5	41.2	
12MM29 64-66			4.9	1.1E-05	0.06	8.03	<1	555	1.9	15.67	1.4	0.08	68.4	19.2	65	5	46.9	
12MM31 29.5-31.1			2.6	2.5E-03	0.98	6.59	4	34	0.2	0.77	1.39	1.98	10.84	82.6	168	1	1350	
12MM33 127.55-129.75			2.3	4.6E-03	0.52	7.13	2	230	1.9	0.86	1.81	3.26	60.91	26.1	80	2	153	
12MM33 31.75-33.7			2.4	3.8E-03	0.29	6.87	<1	338	0.4	0.36	6.18	0.23	13.05	38	40	<1	371	
12MM36 35.9-38.05			2.8	1.6E-03	0.27	7.39	<1	116	0.8	0.16	9.28	0.38	25.51	33.9	192	<1	122	
12MM36 84.65-86.15			2.1	7.4E-03	1.39	5.22	2	146	0.3	0.57	0.2	4.25	46.74	38.4	74	<1	1264	
12MM38 80.6-82.8			2.4	4.2E-03	1.39	6.9	<1	212	0.6	0.83	1.68	1.18	16.04	66.1	152	3	1750	
12VR01 47-50.4			2.1	7.9E-03	0.2	7.85	<1	113	0.7	0.54	7.01	0.4	12.68	50.3	120	<1	95	
12VR02 12-16			2.4	3.7E-03	0.2	7.48	<1	29	0.5	0.41	8.98	0.28	16.52	40	139	<1	160	
12VR02 123.3-125.3			2.4	4.2E-03	0.25	6.46	<1	19	0.4	0.09	3.54	1.68	10.08	46.6	160	<1	673	
12VR02 38-42			2.0	9.3E-03	0.22	7.71	1	195	2.2	0.48	1.59	2.15	64.26	23.2	111	3	104	
12VR02 66-70			2.8	1.4E-03	0.06	8.4	5	731	2.1	0.23	0.98	0.2	59.43	20.3	65	3	53.5	
12VR02 82.55-87			2.6	2.8E-03	0.13	7.6	2	153	0.7	0.4	7.66	0.26	17.88	41.5	214	1	76	
12VR03 140.2-142.35			2.6	2.7E-03	0.36	5.95	<1	20	<0.1	0.26	0.38	1.6	4.79	83.6	373	2	1830	
12VR03 41-45			5.0	1.1E-05	<0.02	8.64	1	589	1.9	0.11	0.86	0.03	63.45	19.5	50	7	23.3	
12VR03 57-61			4.7	2.1E-05	0.03	7.88	<1	551	1.9	0.14	1.08	0.06	57.55	18.9	49	4	54.5	
12VR04 132-136			3.3	4.9E-04	0.07	7.85	2	571	2.1	0.33	0.82	0.13	62.55	19.1	61	5	42.8	
12VR04 148-150.15			2.8	1.8E-03	0.04	8.37	2	437	1.7	0.24	3.07	0.15	47.09	27.4	79	2	37.1	
12VR04 32-36			3.1	7.9E-04	0.06	8.41	4	671	1.8	0.17	2.21	0.31	59.05	22.1	136	2	44.1	
12VR04 8-12			3.4	4.2E-04	0.09	8.03	<1	683	1.7	0.14	1.22	0.22	57.12	20.8	85	3	60.4	
12VR04 84-88			2.4	3.7E-03	0.14	7.99	1	546	2	0.22	1.09	0.71	70.03	18.8	74	4	60.5	
12VR05 0-4			2.5	3.0E-03	0.27	7.35	<1	84	0.4	0.17	7.49	0.33	14.05	43.9	184	<1	324	
12VR05 33.2-35.4			2.5	3.5E-03	0.6	5.94	1	34	0.2	0.35	1.25	0.91	8.78	131	171	<1	1134	
12VR06 166.1-168.2			2.6	2.7E-03	0.25	6.64	<1	30	0.2	0.23	2.2	0.65	10.3	102	207	<1	1357	
12VR06 195.6-197.8			2.6	2.5E-03	0.09	7.12	2	47	0.4	0.11	8.38	0.14	10.47	40.9	178	<1	334	
12VR06 46-48.35			3.1	8.3E-04	0.07	8.12	<1	637	2	0.2	1.23	0.29	66.98	20.9	75	4	64.4	
12VR06 4-8			2.9	1.4E-03	0.1	7.5	3	581	1.8	0.22	1	0.43	53.11	20.4	87	3	48.3	

LAB SAMPLE ID	NAG pH				Whole Rock ICP													
	4.5	7.0	pH		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu
	kg H2SO4/t		Unity	H+	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
12VR06 83-87			4.7	2.2E-05	<0.02	8.23	2	555	2	0.2	0.88	0.04	60.92	19.4	51	5	33.7	
12VR08 106.4-108.55			2.4	4.1E-03	0.17	7.51	3	161	0.8	0.32	6.98	0.29	17.3	43.6	123	<1	157	
12VR08 22-26.3			2.4	4.1E-03	0.11	7.29	10	72	0.7	0.12	7.28	0.18	15.53	47.9	239	<1	90.2	
12VR08 231.8-233.9			2.3	4.8E-03	0.28	6.68	1	110	0.6	0.23	5.19	0.2	13.08	83.4	150	1	1085	
12VR08 59-63.7			2.7	2.2E-03	0.06	7.88	4	682	2.1	0.12	1.16	0.17	65.37	18.2	70	2	71.9	
12VR10 16-20			5.8	1.4E-06	0.81	7.46	14	477	1.5	1.67	0.3	0.54	59.73	16.3	61	<1	179	
12VR10 208.3-210.45			2.3	5.4E-03	0.16	7.02	1	40	0.5	0.11	6.36	0.16	11.77	51.4	167	<1	275	
12VR10 40-44			5.2	5.8E-06	<0.02	8.27	<1	576	2.1	0.9	0.89	0.05	62.24	19.7	45	4	38.1	
12VR10 72-77.15			3.2	6.9E-04	0.11	7.77	4	190	1	0.19	8.07	0.22	27.3	45.4	255	<1	61.4	
12VR12 104-108			5.5	3.5E-06	<0.02	7.94	<1	593	1.7	0.24	0.72	0.03	62.54	19.5	57	6	28.7	
12VR12 132-136			5.1	7.2E-06	<0.02	7.31	<1	529	1.7	0.13	1	0.04	48.66	15.3	57	5	11.6	
12VR12 24-28			5.0	9.8E-06	<0.02	8.87	<1	723	3.1	0.2	0.31	0.06	67.3	17.7	58	6	25.6	
12VR12 68-72			3.8	1.5E-04	<0.02	8.15	<1	516	2.3	0.14	1.03	0.06	60.81	21.4	71	6	57.8	
12VR15 53-57			4.7	2.1E-05	0.03	7.65	5	607	2	0.24	0.74	0.11	60.55	19.1	59	3	8.9	
12VR15 9-13			5.5	3.1E-06	0.1	8.59	2	990	2.5	0.4	0.08	0.1	74.16	21.7	97	2	144	
12VR16 136-140			3.2	5.9E-04	0.03	6.88	<1	575	1.7	0.18	0.98	0.11	50.16	13.1	34	2	52.4	
12VR16 51.8-56			4.7	2.1E-05	0.03	8.17	<1	532	1.9	0.17	0.92	0.03	63.34	19.2	49	5	34.2	
12VR16 96-100			5.1	7.2E-06	<0.02	8.28	<1	569	2.1	0.17	0.98	0.05	63.5	19.8	47	5	52.6	
12VR17 19-23			2.6	2.7E-03	0.18	7.82	2	78	0.7	0.2	8.1	0.3	14.89	38.9	160	<1	117	
12VR17 48.15-50			3.1	7.8E-04	0.2	6.9	<1	20	0.5	<0.04	7.06	0.19	13.11	47.8	151	<1	186	
DAR19 32-36			5.1	7.6E-06	<0.02	7.9	<1	540	1.9	0.1	0.94	0.03	55.54	14.5	67	4	24.2	
DAR19 44-50			5.0	1.0E-05	<0.02	7.64	<1	501	1.6	0.16	0.94	0.05	63.25	17.2	61	5	37.6	
GTAC2 12-16			5.6	2.5E-06	0.06	7.37	<1	38	0.5	0.05	8.85	0.17	14.75	44.8	142	<1	71.9	
GTAC2 28-32			4.5	3.3E-05	0.04	7.31	<1	36	0.4	0.04	8.57	0.14	13.35	43.4	177	<1	62	
GTAC2 44-48			3.7	1.9E-04	0.05	6.94	<1	29	0.4	<0.04	8.69	0.15	12.77	41.6	119	<1	75.5	
GTMM2 58-62			5.9	1.3E-06	0.05	7.58	<1	496	1.7	0.13	1.61	0.06	60.32	13.9	52	4	21.3	
GTVR2 32-36			4.3	4.7E-05	0.03	8.23	<1	601	2.2	0.22	0.77	0.04	61.56	19.5	64	5	28.2	
GTVR2 96-100			2.4	4.2E-03	0.23	7.52	2	540	1.7	0.29	3.35	0.6	45.37	27.4	139	2	68.8	
GTVR3 120-124			5.4	3.7E-06	<0.02	8.2	1	508	1.9	0.11	0.77	0.02	61.89	18.1	50	6	29.8	
GTVR3 136-140			5.7	1.9E-06	<0.02	8.58	<1	516	1.7	0.13	0.64	0.03	68.34	19.3	58	7	29.4	
GTVR3 184-188			3.1	7.9E-04	0.03	8.27	1	644	2.1	0.2	0.76	0.09	61.64	19.2	52	3	34.7	
GTVR3 216-220			4.2	6.9E-05	<0.02	8.05	1	558	1.9	0.34	0.84	0.07	64.3	19.1	45	6	28.3	
GTVR3 232-236			4.2	6.2E-05	0.02	7.7	<1	562	1.9	0.23	0.83	0.05	62.56	18.8	57	6	20.4	
GTVR3 24-28			5.6	2.8E-06	<0.02	7.7	3	495	1.8	0.13	0.59	0.04	64.25	18.2	58	5	31.1	
GTVR3 264-267.2			5.4	4.2E-06	0.08	7.85	<1	586	2.3	0.14	0.76	0.02	58.2	18.6	54	8	32.6	
GTVR3 56-60			4.6	2.8E-05	0.09	8.45	<1	521	2.1	0.2	0.85	0.07	62.45	19.9	92	5	42.9	
GTVR3 88-92			4.8	1.5E-05	0.07	8.13	1	551	3.5	0.09	0.65	0.03	61.22	16.7	59	9	29.1	

LAB SAMPLE ID	NAG pH				Whole Rock ICP													
	4.5	7.0	pH		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu
	kg H2SO4/t		Unity	H+	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
IAR02 24-28			5.3	5.5E-06	0.07	8.14	<1	627	1.7	0.07	0.75	<0.02	57.62	17.6	66	6	18.2	
IAR02 40-44			3.0	1.1E-03	0.07	7.57	<1	237	0.9	0.17	5.62	0.21	23.43	29.7	138	2	66.9	
IAR02 56-60			2.5	3.1E-03	0.18	7.23	<1	633	0.5	0.22	7.84	0.31	14.21	39.8	172	<1	403	
IAR02 72-76			5.7	1.9E-06	0.08	7.54	<1	67	0.4	0.09	9.86	0.15	14.04	36.5	156	<1	81.5	
IAR02 8-12			5.3	4.7E-06	0.09	8.31	<1	642	2.4	0.21	0.91	0.05	67.89	17.9	77	6	41.3	
IAR02 88-92			5.9	1.4E-06	0.07	7.03	2	26	0.4	0.06	9.32	0.16	10.67	35.3	215	<1	124	
IAR03 16-20			5.3	5.2E-06	0.13	8.08	<1	556	1.7	0.2	0.83	0.03	62.5	16.1	61	6	74.8	
IAR03 32-36			2.8	1.7E-03	0.14	7.74	<1	446	1.1	0.16	5.26	0.86	36.9	33.6	165	3	212	
IAR03 48-52			6.1	8.5E-07	0.06	7.08	1	79	0.4	0.09	9.48	0.19	13.71	41.5	167	<1	66.3	
IAR03 64-68			5.7	1.8E-06	0.09	6.85	<1	58	0.4	0.12	8.92	0.25	13.32	39.2	175	<1	195	
IAR03 80-84			6.0	9.1E-07	0.08	6.99	<1	64	0.5	0.1	10.4	0.23	13.62	38.4	154	<1	198	
IAR04 16-20			5.6	2.4E-06	0.04	8.09	<1	573	1.4	0.1	0.87	0.03	59.53	17.8	58	6	25.6	
IAR04 74-78			6.0	1.1E-06	0.07	7.15	<1	46	0.4	0.13	8.71	0.2	11.41	39.3	251	<1	112	
IAR04 90-94			5.8	1.5E-06	0.05	7.05	1	66	0.4	0.07	9.32	0.15	15.14	39.8	181	<1	84.7	
IAR05 26-30			3.7	2.1E-04	0.09	7.39	<1	38	0.4	0.11	9.06	0.21	12.69	43	195	<1	285	
IAR05 42-46			5.9	1.3E-06	0.06	7.44	<1	37	0.4	0.07	9.61	0.17	13.62	41.4	150	<1	87.9	
IAR05 8-12			5.9	1.3E-06	0.06	7.07	<1	51	0.4	0.08	9.69	0.16	11.68	37.7	211	<1	89.7	
IAR07 20-24			5.9	1.4E-06	0.07	6.86	<1	38	0.4	0.09	9.83	0.15	13.22	39.5	137	<1	76.9	
IAR07 32-38			5.9	1.3E-06	0.09	6.83	<1	31	0.4	0.08	9.71	0.17	13.63	38.5	189	<1	81.9	
IAR07 4-8			4.5	3.0E-05	0.08	7.37	<1	67	0.5	0.1	8.88	0.19	13.61	39.2	204	<1	92.9	
IAR08 42-46			4.9	1.2E-05	0.06	6.95	<1	534	1.6	0.09	1.16	0.04	52.34	11.5	61	5	16.4	
IAR08 54-58			4.5	3.0E-05	0.02	7.95	2	571	1.9	0.13	1.05	0.04	56.68	18.2	68	5	30.8	
IAR09 38-42			2.6	2.3E-03	0.07	7.72	<1	516	1.3	0.17	3.67	0.58	38.82	27.9	148	3	73.6	
IAR09 54-58			3.2	6.2E-04	0.07	7.62	<1	60	0.4	0.15	7.87	0.18	11.42	41.6	245	<1	193	
IAR10 18-22			4.8	1.7E-05	0.07	8.08	2	610	1.6	0.12	0.43	0.08	55.34	19.1	57	2	41.6	
IAR10 28-32			2.8	1.8E-03	0.12	6.81	5	81	0.7	0.12	5.88	0.16	14.04	47	171	1	308	
IAR11 30-34			3.1	7.4E-04	0.07	7.5	<1	226	0.7	0.14	7.32	0.23	20.8	36	163	1	181	
IAR11 48-52			6.3	5.1E-07	0.12	5.83	8	147	1.5	0.08	3.39	0.12	8.04	26.5	155	6	96.6	
IAR12 12-16			4.8	1.7E-05	0.02	8.07	<1	712	2.5	0.2	0.32	<0.02	61.56	19.5	73	6	30.8	
IAR12 32-36			5.0	1.0E-05	0.04	7.3	1	620	1.8	0.1	0.83	0.04	57.12	15.3	64	3	30	
IAR12 44-48			3.1	8.5E-04	0.11	7.71	<1	693	1.6	0.17	3.5	0.22	46.59	22.7	109	4	218	
IAR13 22-26			4.8	1.5E-05	0.04	8.12	<1	582	1.9	0.2	0.74	0.03	58.31	16.7	67	5	38.3	
IAR14 10-12			5.0	9.3E-06	0.08	6.98	<1	602	2.3	0.2	0.48	0.06	44.35	18.9	69	7	88.3	
IAR14 22-26			5.0	9.8E-06	0.08	7.62	<1	554	1.8	0.12	1.02	0.04	55.46	15	64	6	86.2	
IAR14 38-42			5.2	6.6E-06	0.09	7.84	<1	552	1.8	1.64	0.83	0.03	59.01	17.5	53	6	99.7	
IAR14 59-64			2.9	1.3E-03	0.13	7.46	<1	73	0.5	0.17	7.6	0.3	16.06	42.5	226	<1	122	
IAR14 72-76			6.1	8.5E-07	0.11	6.7	<1	52	0.4	0.11	11.7	0.22	13.85	35	126	<1	114	

LAB SAMPLE ID	NAG pH				Whole Rock ICP													
	4.5	7.0	pH		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Cu
	kg H2SO4/t		Unity	H+	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
IAR14 88-92			5.9	1.3E-06	0.11	7.12	<1	42	0.4	0.16	8.57	0.17	11.39	37.4	203	<1	293	
IBA14 22-26			6.6	2.8E-07	0.06	6.92	<1	47	0.5	<0.04	10	0.14	13.76	37.5	61	<1	105	
IBA14 2-6			2.7	2.0E-03	0.13	7.95	<1	57	0.4	<0.04	6.25	0.19	9.91	48	255	<1	203	
IBA22 26-30			6.3	4.8E-07	0.12	6.41	<1	95	0.5	<0.04	9.53	0.12	14.92	34.9	64	<1	110	
IBA22 6-10			4.7	1.9E-05	0.07	8.18	1	578	2.1	0.14	0.12	0.11	61.37	19.3	56	4	85.3	
IVR01 20-24			3.4	4.4E-04	0.08	7.57	<1	58	0.6	0.08	7.87	0.21	16.02	46.2	167	<1	123	
IVR03 4-8			3.2	6.3E-04	0.12	6.98	2	52	0.5	0.12	7.74	0.19	14.36	39.1	205	<1	130	
IVR06 10-14			5.6	2.6E-06	0.08	6.83	3	597	1.4	0.12	0.6	0.06	51.05	10.5	44	2	85.3	
IVR08 132-136			5.1	8.7E-06	0.08	7.98	<1	556	2.1	0.17	0.78	0.06	62.13	18.1	56	6	97.5	
IVR08 54-60			2.6	2.6E-03	0.23	7.98	5	462	1.6	0.28	3.13	0.57	40.24	30.9	184	2	78.5	
IVR08 72-76			3.2	6.5E-04	0.07	7.86	<1	1208	2.1	0.19	1.01	0.23	56.36	16.5	75	3	50.3	
IVR09 52-56			4.8	1.7E-05	0.07	8.21	1	588	2.1	0.35	0.78	0.1	60.69	18	65	6	32.5	
IVR09 84-88			2.5	3.1E-03	0.28	7.85	<1	172	2	0.52	2.55	2.24	48.96	30.7	184	2	142	
IVR10 138-142			2.4	3.9E-03	0.19	7.05	2	146	2	0.3	0.94	1.4	52.7	21.8	68	5	158	
IVR10 90-94			2.5	3.2E-03	0.95	5.08	<1	50	0.3	0.29	2.7	2.64	10.79	75.3	89	2	440	
IVR12 14-18			5.7	1.8E-06	0.07	7.38	2	593	1.6	0.49	0.81	0.06	53.9	15	52	4	91.3	
IVR12 46-48			2.6	2.5E-03	0.22	6.92	4	430	1.6	0.18	1.51	0.37	48.92	21.8	92	3	197	
MAR_28 46-50			2.7	2.0E-03	0.15	7.37	<1	292	0.7	0.18	7.13	0.36	18.09	42.2	212	1	325	
MAR_28 54-60			4.6	2.5E-05	0.07	6.95	<1	43	0.5	0.07	7.71	0.14	13.21	39.4	149	<1	104	
MAR_33 26-30			5.0	1.1E-05	0.06	7.77	<1	617	2.1	0.19	0.67	0.04	60.61	16.6	56	7	78	

LAB SAMPLE ID	Whole Rock ICP																			
	Fe	Ga	Ge	Hf	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S
	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
12AC01 15-19T	12.3	15.6	0.1	1.3	0.072	0.41	4.5	25.2		3.85	1310	5.91	2.11	2.3	74	680	6.5	14.9	0.007	4.45
12AC02 10-14T	7.97	16.85	0.09	0.8	0.078	0.18	7.1	9.2		3.57	1560	3.74	1.15	2.8	71.3	830	5.6	5.1	0.004	3.29
12AC03 4-6T	13.55	17.3	0.2	1.3	0.079	0.03	5	23.5		4.83	2150	1.48	0.47	3	32.2	600	1.7	1.2	0.005	0.63
12AC08 18-21T	8.46	18.5	0.17	0.5	0.087	0.1	3.6	8.5		4.28	1510	1.6	1.28	2.3	62.5	620	5	2.6	0.004	1.49
12AC08 36-40T	8.01	18.3	0.13	2.6	0.06	0.72	20.9	19		2.51	916	27.1	1.99	4.1	89.3	860	16	18.8	0.03	4.03
12AC12 6-10T	8.19	20.3	0.13	0.6	0.084	0.28	7.7	16.9		3.19	1180	0.71	2.2	2.2	71.9	590	2	4.4	0.002	0.02
12AC14 14-18T	9.84	17.7	0.09	0.5	0.099	0.11	4.5	12.8		4.16	2000	0.63	2.17	2.8	66.9	620	1.9	3.5	<0.002	1.6
12AC14 4-8T	9.28	18.5	0.11	0.7	0.116	0.09	5.4	6.3		3.73	1610	0.46	1.53	3.7	51.2	770	1	1.1	<0.002	0.23
12AC14 80-84T	5.48	20.3	0.13	2.6	0.082	2.28	21.5	29.7		1.23	1390	10.15	1.18	3.2	48.5	900	14.2	62.2	0.01	2.14
12AC16 10-14T	8.89	18.6	0.09	1.1	0.093	0.15	5.1	8.1		3.81	1390	0.65	1.82	3.3	61.5	710	6.1	3	<0.002	0.5
12AC16 30-34T	9.42	18.75	0.12	0.6	0.084	0.13	5.1	6.9		3.95	1530	1.05	1.53	3.6	59.1	750	0.7	2.7	<0.002	0.33
12AC27 2-6T	9.18	16.55	0.1	0.6	0.101	0.09	3.6	14.3		4.69	2750	0.95	2.21	1.8	67.7	540	8.2	1.7	<0.002	1.21
12AC28 2-6T	10.45	19.45	0.13	0.6	0.094	0.17	12.3	16.4		2.93	1620	1.49	1.82	3.1	83.6	660	0.8	6.6	<0.002	0.82
12AC28 30-34T	13.8	18.6	0.19	0.6	0.071	0.04	3.5	26.3		4.87	1310	1.65	0.71	1.3	54.9	560	2	1	0.005	0.53
12AC29 21-25T	4.02	18.6	0.09	2.3	0.088	1.88	29.4	25.3		1.17	731	0.41	2.12	3.3	33.2	550	14	72.9	<0.002	0.67
12AC28 70-74T	8.51	16	0.05	0.6	0.074	0.12	5.6	14.8		3.63	1330	3.86	1.65	2.5	65.5	560	3.5	5	0.004	2.67
12AC33 14-18T	8.12	17.25	0.08	0.5	0.082	0.23	3.4	32		4.71	1440	0.55	2.7	2	84.7	600	1.3	4.6	<0.002	1.47
12AC33 40-44T	8.66	18.2	0.08	0.6	0.092	0.23	4.9	15.9		3.46	1400	1.41	2.09	3.9	64.7	720	9.8	9.5	0.002	1.73
12AR01 15-19T	6	18.35	0.09	1.6	0.064	0.86	20.7	27.3		1.9	994	4.4	2.1	6.9	60.4	710	8.2	34	0.006	1.4
12AR01 4-8T	5.02	21.3	0.07	1.9	0.069	2.65	30.2	43.5		1.51	937	0.52	1.88	9	39.2	700	16.8	109	<0.002	0.02
12AR02 33-37T	8.97	18.45	0.12	0.6	0.093	0.11	5.2	11.1		3.56	1610	0.75	1.75	3.4	67	740	1.6	1.1	<0.002	0.9
12AR03 56-60T	8.8	17.75	0.15	0.8	0.094	0.12	5.2	6.5		3.27	1610	0.94	1.7	3.6	67.8	860	1.4	1.3	<0.002	0.69
12AR04 20.8-23.5T	4.59	21	0.14	2.7	0.069	2.33	33.5	39.9		1.43	1010	0.98	1.84	7.4	40.7	650	14.5	106.5	<0.002	0.05
12AR04 26-30T	4.96	22.3	0.1	1.5	0.077	2.62	30	53.8		1.5	928	0.39	2.25	9.5	41.1	680	14.9	115.5	<0.002	0.02
12AR04 34-36T	9.89	17.65	0.08	0.5	0.084	0.28	4.8	7.1		3.84	1510	1.09	1.43	3.4	65	760	2.3	9.1	0.004	1.52
12AR04 51-54T	8.34	17.55	0.1	0.6	0.089	0.15	5.5	6.5		3.82	1610	1.2	1.6	3.4	65.8	630	2.7	2.9	<0.002	0.73
12AR05 31-34T	3.64	17.95	0.1	1.6	0.051	1.89	27.8	26.4		0.96	922	0.3	1.97	8.2	37.7	740	11	76.9	<0.002	0.01
12AR05 35-39T	3.74	17.05	0.1	1.7	0.059	1.73	24.3	25.6		1.04	809	0.22	2.24	7.2	30.1	530	11	68.2	<0.002	0.01
12AR05 43-45T	5.17	23.4	0.12	2.2	0.076	2.49	28.9	39.2		1.59	967	0.33	2.17	8.3	42.8	730	20.7	95.6	<0.002	0.05
12AR05 59-63T	9.17	17.85	0.17	0.5	0.087	0.14	5	9.6		3.75	1850	0.6	1.46	3.4	61.7	650	1.8	3	<0.002	0.39
12AR05 7-8.7T	8.79	18.25	0.08	1.7	0.096	0.25	5.6	11.5		4.06	1490	0.66	2.06	3.7	79.4	710	1.2	6.7	<0.002	0.3
12AR05 78-83T	8.64	16.95	0.09	0.6	0.077	0.13	4.5	5.2		4.22	1510	2.43	2.05	3.2	72.8	490	1.9	1.8	<0.002	0.26
12AR06 30-33T	4.56	22.7	0.09	1.8	0.069	2.18	29	31.1		1.3	993	0.21	2.33	7.8	37.8	600	13.1	95.2	<0.002	0.01
12AR06 30-34T	4.06	19.2	0.11	1.5	0.059	2.01	29.1	26.8		1.12	900	0.31	2.02	7.7	36.8	560	12.7	88.8	<0.002	0.02
12AR06 33-38T	3.65	18.2	0.09	1.3	0.055	2.02	31.5	29.3		1.02	659	0.21	2.05	8.5	31.5	460	11.1	86.8	<0.002	0.01
12AR06 40-44T	4.97	22.7	0.11	1.9	0.084	2.69	34.3	54		1.51	932	1.13	1.93	9.5	41	620	14.3	108.5	<0.002	0.06
12AR06 50-54T	4.89	12.7	0.08	1.3	0.046	0.9	15.3	19.1		1.59	1340	2.72	1.32	3.7	39.9	530	4.2	36.7	0.003	1.21

LAB SAMPLE ID	Whole Rock ICP																			
	Fe	Ga	Ge	Hf	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S
	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
12AR06 76-78T	8.09	16.65	0.11	0.5	0.082	0.1	4	11.7		3.94	1650	0.93	1.67	2.8	71.2	580	2.1	0.9	<0.002	0.44
12BA04 12-16T	8.08	16.1	0.07	0.7	0.08	0.23	3.2	17		4.26	1320	1.9	2.82	1.6	82.7	460	1.9	3.4	0.002	2.18
12BA13 50-54T	9.46	15.7	0.09	0.5	0.067	0.04	3	5.7		4.09	1180	2.72	1.64	1.6	57.9	420	0.9	0.3	<0.002	1.89
12BA20 79-83T	4.53	21.3	0.25	1.9	0.066	2.2	21.6	37.1		1.45	899	3.01	2.03	9.2	36.9	620	16.2	78.6	0.003	0.39
12BA20 84-87T	4.86	23.1	0.27	2.2	0.073	2.3	24	44.5		1.57	765	0.39	1.9	11.1	40.9	640	12.8	93.7	<0.002	0.11
12BA21 80-84T	8.22	19.15	0.27	0.8	0.086	0.11	4.3	6.7		4.1	1330	0.51	1.99	2.8	67.8	610	1.3	3.7	<0.002	0.48
12BA23 3-7T	11.45	19.25	0.36	0.4	0.106	0.28	4.1	19.7		3.77	1700	1.12	1.23	2.6	66.4	580	6	10.7	0.003	4.14
12BA24 10-14T	5.58	25.2	0.24	2.1	0.078	2.38	22.8	56.6		1.35	838	0.63	1.18	7.6	45.7	570	13.6	97.2	<0.002	0.02
12BA29 15-19T	9.16	19.8	0.32	0.8	0.092	0.15	4.6	7.1		3.84	1560	1.12	2.1	3.1	55.1	750	1.5	2.6	0.002	0.67
12BR03 55-57.2T	7.6	17.4	0.28	0.6	0.08	0.2	3.3	10.2		4	1270	1.2	2.43	2.1	56.8	640	1.5	8.5	0.002	1.52
12BA05 24-28T	8.69	15.55	0.09	0.7	0.077	0.17	2.9	15.6		4.57	1480	1.78	2.33	1.3	92.3	420	2.7	5	0.004	2.51
12BA12 20-24T	8.58	16.4	0.06	0.6	0.098	0.08	3.9	10.8		4.28	1690	0.39	1.34	2.7	61.7	460	2.1	2.5	0.005	0.87
1BR05 16-18T	6.29	19.55	0.11	2.2	0.069	2.25	34.9	30.6		1.62	1190	3.47	1.82	5.9	56.4	1110	14.9	84.6	0.006	2.59
1BR07 4-8T	7.25	19.05	0.09	1.3	0.111	1.4	22.3	25.8		2.32	2370	3.83	1.03	2.5	92	540	13.7	45.9	0.004	0.48
12BR11 6-10T	8.93	17.85	0.08	0.9	0.086	0.09	5.6	9.7		3.85	1500	0.81	1.76	4.1	68.2	770	0.9	1.1	0.003	0.4
12BR12 24-28T	8.99	18.2	0.06	0.6	0.1	0.12	5.8	8.3		3.63	1460	1.28	1.96	4.3	61.4	800	0.5	2.4	0.004	0.78
12MM07 10-14T	8.48	17.45	0.05	0.7	0.086	0.21	5.3	6.9		3.78	1520	1.07	1.66	3.8	70.3	660	3.7	5.3	0.003	1.43
12MM07 1-5T	9.27	18.1	0.06	0.9	0.087	0.11	6.3	8		4.24	1560	2.4	1.58	4	72	730	2.3	1.7	0.005	1.21
12MM08 39-43T	4.72	20.8	0.09	2.1	0.075	2.34	33.1	35.4		1.4	830	0.51	1.84	8	35	600	11.3	90.5	<0.002	0.12
12MM08 56-60T	5.99	18.45	0.13	2.8	0.075	1.56	37.3	27.5		1.4	672	9	1.91	4.5	68.3	1020	17.7	65.1	0.023	2.59
12MM09 8-12T	5.46	19.9	0.11	1.9	0.072	1.75	17.4	27.6		1.99	1170	2.53	1.91	4.9	61.5	610	11.3	50.3	0.003	0.83
12MM11 2-6T	8.14	16.6	0.08	0.5	0.087	0.12	4.1	9		4.29	1530	1.41	1.37	2.2	66.3	590	12	6.3	0.003	2.82
12MM24 4-8T	8.1	18.55	0.1	0.7	0.102	0.11	6.4	6.8		3.82	1510	1.59	1.43	3	80.6	650	5.1	2.9	0.002	1
12MM25 21-25T	4.39	20.7	0.12	2.3	0.067	2.28	22.9	35		1.34	1040	0.66	2.15	5.8	37.2	630	14	78.2	<0.002	0.3
12MM25 41-45T	4.7	20.3	0.09	2.6	0.067	2.29	30.8	30.3		1.39	1210	0.55	2.22	5.1	36.5	600	15.4	103	0.002	0.38
12MM25 52-56T	4.52	20.2	0.1	2.2	0.074	2.2	29.7	30.2		1.33	1060	1.3	1.81	5.6	36.6	600	12.1	97	0.002	0.24
12MM31 5-9T	4.52	21.9	0.1	2.6	0.07	2.23	32.6	36.4		1.3	884	0.58	1.91	5.3	38.7	630	15.4	87.9	0.002	0.2
12VR01 40-44T	7.53	18.2	0.08	0.6	0.097	0.08	3.5	5.2		3.87	1300	2.09	1.44	2.1	66.2	440	3.1	1.3	0.004	1.53
12VR02 17-20T	9.69	18.55	0.07	1.1	0.089	0.07	6.4	8.2		3.53	1940	0.59	1.42	4.2	64.7	970	3.4	1.4	0.003	0.31
12VR02 4-5.5T	8.64	18.25	0.09	0.7	0.094	0.13	4.2	11.3		3.7	1850	0.63	1.6	2.9	75	580	2.6	2.8	0.003	0.81
12VR02 6-10T	8.29	21	0.08	1.3	0.119	0.08	15	12		2.72	1430	0.57	2.08	5	43.3	870	3.2	3	0.004	0.3
12VR02 63.1-65.1T	5.03	21.1	0.08	2.4	0.082	2.34	20	35.9		1.39	6070	4.49	1.2	4.2	41.8	420	10.4	61.6	0.006	0.46
12VR02 89.7-92.8T	8.3	18.3	0.05	1	0.096	0.16	4.6	8.5		2.77	1490	0.9	1.85	3.5	70	720	3.5	4.1	0.006	0.66
12VR03 105-109T	10.7	15.8	0.07	1.5	0.076	0.9	12.9	27.4		2.16	1370	11.7	1.52	5.4	96	970	6.4	35.8	0.023	5.09
12VR04 2.25-3T	6.09	20.6	0.11	1.6	0.068	1.51	26.1	44		1.41	1010	0.84	1.74	4.3	88	620	15	53.6	<0.002	0.01
12VR04 22-23.1T	4.26	20.3	0.08	2.6	0.075	2.65	25.7	31.4		1.36	996	0.78	1.53	5.5	36.9	600	13.9	94.6	0.003	0.48
12VR04 25-29T	4.74	20.4	0.1	1.7	0.066	2.16	34.4	33.6		1.53	1470	0.55	2.15	5.5	46.6	650	16.2	89.8	0.002	0.19

LAB SAMPLE ID	Whole Rock ICP																			
	Fe	Ga	Ge	Hf	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S
	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
12VR04 41-44T	4.23	18.8	0.09	1.1	0.054	1.69	22	28.6		1.38	782	1.25	2.64	4.1	50.1	710	15.2	59.6	0.005	0.69
12VR04 44-48T	4.41	19.45	0.11	1.2	0.061	1.81	24.2	43		1.29	827	1.59	2.23	4.8	49.8	660	11.9	64.9	0.004	0.53
12VR05 15.2-15.7T	11.25	19.1	0.08	0.8	0.088	0.1	5.7	10.2		3.49	4240	2.34	0.87	3.9	53.4	990	1.9	2.4	0.005	1.57
12VR05 5-7.5T	8.17	19.4	0.08	0.7	0.094	0.13	6.1	7		3.37	1440	1.18	1.86	4.4	84.6	770	2	1.8	0.005	0.56
12VR06 118-122T	5.18	21.6	0.11	1.9	0.075	2.5	29.3	40.8		1.55	1120	0.93	1.92	6.5	44.2	590	13.1	104	0.004	0.37
12VR06 16.4-18.5T	3.44	13.65	0.08	0.6	0.037	1.09	25.2	40.5		1	610	0.8	3.55	8.8	25.9	730	15.7	44.5	0.002	0.03
12VR06 23.5-25T	3.69	17.95	0.15	1	0.057	1.92	22.8	29.2		1.08	884	0.45	1.97	9.9	31.4	550	11.4	66.9	<0.002	0.07
12VR06 60-64T	5.94	20.5	0.14	2.8	0.079	2.96	26.3	34.6		1.44	883	12.65	1.28	4.1	81.5	600	11.9	106.5	0.016	3.5
12VR07 125-129T	7.23	20.7	0.1	1.4	0.089	0.64	14	18.5		2.53	1110	3.08	2.46	6.5	64.4	630	7.2	31.8	0.007	1.02
12VR10 10.5-15.5T	2.89	13.5	0.08	1	0.048	1.2	23.6	26.9		0.79	495	0.52	2.21	8.2	20.9	460	11.4	39.8	0.002	0.02
12VR10 34.5-36T	4.92	18.5	0.12	1.8	0.047	2.31	28.7	37.3		1.44	945	0.5	2.33	10.3	42.5	740	10.8	86.6	0.004	0.03
12VR15 82-86T	9.73	20	0.12	1	0.111	0.23	4.9	15		2.64	1400	0.38	2.33	3.7	71.6	890	3.5	9.7	0.002	0.73
12VR16 10-14T	4.81	19.1	0.1	2.8	0.069	2.17	29.2	29.7		1.23	836	11.8	1.59	3.6	78.4	610	14.9	86.8	0.014	2.62
12VR16 102-106T	4.89	21.6	0.11	1.7	0.068	2.29	28.9	43.3		1.53	943	0.88	2.2	9.2	41.4	680	12.9	92.3	0.002	0.11
12VR16 5.7-6.3T	4.96	22	0.15	1.6	0.076	1.98	41.9	37.9		1.44	1220	0.18	1.69	6.7	32.7	700	15.6	85	0.002	0.01
12VR17 18.1-18.75T	9.59	20.3	0.09	0.5	0.107	0.16	6.8	8.7		3.3	1740	1.01	1.7	4.5	47.1	810	6.4	5.3	0.005	1.64
12VR17 28.1-29.7T	10.55	17.6	0.07	0.6	0.085	0.07	3.9	8.3		3.48	4940	0.58	1.67	3	78.8	600	1.1	0.9	0.002	2.33
12VR17 42-46T	10.1	18.7	0.05	0.3	0.09	0.04	4.7	20.2		3.2	3190	0.57	0.85	2.6	58.3	630	4.7	1	0.004	2.71
12AC01 8-12	9.33	24.6		0.95	0.11	0.21	5.5	16	0.68	1.98	1758	0.86	0.61	4.7	91.5	0.07	4.5	12.5		<0.01
12AC02 23.5-25.45	10.9	16.6		0.57	0.17	0.06	3.4	24	0.44	4.85	3859	0.61	1.18	1.7	126	0.06	7.9	1.1		2.62
12AC03 8-11.9	7.94	17.2		0.79	0.09	0.15	3.9	11	0.53	3.71	1238	4.83	1.66	3.3	46.5	0.07	2.5	6		2.75
12AC07 7.3-10.4	8.68	16.7		0.95	0.71	0.31	7.8	31	0.41	3.72	3159	4.81	0.83	0.6	87.3	0.06	41.9	13.5		>5
12AC11 26.1-28.1	11.3	18.4		0.41	0.14	0.07	3.9	30	0.51	5.02	3460	1.9	1.39	2.1	55.4	0.06	2.6	2.3		1.31
12AC11 80.55-82.6	13.5	15.7		0.58	0.28	0.47	5.1	58	0.39	3.72	3446	3.08	0.69	2.1	81.6	0.06	11.1	24.8		>5
12AC12 141.6-143.9	11.9	16.9		0.25	0.12	0.06	3.8	20	0.47	4.33	4974	0.66	1.49	1.1	82.7	0.06	4.8	2.1		2.77
12AC15 20-24	8.57	18.2		0.67	0.1	0.14	4.6	7	0.55	3.68	1356	1.18	2.23	3.9	63.2	0.08	1.2	2.4		1.12
12AC16 24-28	8.36	18.4		0.66	0.1	0.19	4.6	12	0.56	3.53	1533	0.95	1.78	3.6	56.7	0.08	1.8	7.3		0.68
12AC16 94-96	11.7	15		0.16	0.15	0.05	3.7	52	0.46	3.87	4397	1.15	1.6	0.5	51.7	0.06	8.8	1.8		4.17
12AC18 4-8	11	26.6		0.97	0.14	0.06	17.1	8	1.3	1.32	1252	0.95	0.54	5.5	101	0.09	1.5	3.4		<0.01
12AC19 8-12	8.64	18.2		0.7	0.09	0.09	4.7	5	0.62	3.73	1627	0.82	1.57	3.8	51.9	0.08	1.1	1.1		0.4
12AC21 35.9-37.9	12.4	17.6		0.9	0.15	0.1	3.8	37	0.43	4.8	1896	1.85	1.27	3.1	54.4	0.07	5.2	4.1		1.88
12AC22 36-40.6	8.42	18.7		0.7	0.1	0.13	4.5	6	0.59	3.59	1531	0.82	1.98	3.6	58.8	0.08	2.1	2.3		0.96
12AC22 4-8	7.74	21.4		0.77	0.11	0.15	5.2	7	0.63	2.96	1264	0.99	2.21	4.6	56	0.09	1.5	2.2		0.52
12AC23 24-28	9.1	19.4		0.72	0.1	0.16	5.3	13	0.63	3.58	1551	1.12	2.09	4.5	51.6	0.09	1.4	3.9		0.63
12AC25 24-28	7.99	17.9		0.67	0.09	0.14	4.4	5	0.54	3.36	1326	0.76	2.12	3.5	66.8	0.08	1.5	2.7		1.02
12AC25 36-39.7	8.31	18.5		0.64	0.1	0.17	4.5	14	0.57	3.62	1465	0.47	1.9	3.6	58.8	0.08	2.8	5.2		1.06
12AC25 53.7-55.7	11.5	18.4		0.54	0.13	0.16	3.6	22	0.46	4.82	2457	0.8	1.5	2.6	56.9	0.06	9.4	8.9		1.64

LAB SAMPLE ID	Whole Rock ICP																			
	Fe	Ga	Ge	Hf	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S
	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
12AC25 8-12	7.92	19.7		0.69	0.1	0.17	5.2	6	0.61	3.22	1350	1.16	2.07	4.3	58.1	0.1	2	5.2		0.85
12AC27 15.5-17.7	13.1	18		0.85	0.1	0.04	3.2	16	0.46	4.25	1352	3.14	0.86	1.6	54.2	0.06	1.9	0.9		0.98
12AC27 21.9-24	13.3	19.9		0.71	0.11	0.04	3.3	19	0.51	4.56	1347	2.32	1.02	1.3	52.2	0.07	2.1	1		0.97
12AC33 4-8.15	8.2	18.5		0.6	0.09	0.14	4.3	5	0.55	3.56	1550	0.75	2.1	3.5	52.5	0.07	1	1.6		1.01
12AC34 30.05-32.25	13.6	18.1		0.79	0.18	0.04	4.1	35	0.47	4.74	1799	2.76	0.86	2.6	52	0.07	2.6	1		2.34
12AC34 8-11.4	8.31	18.5		0.62	0.1	0.12	4.4	12	0.56	3.81	1599	0.72	1.97	3.5	54.8	0.08	1	1.4		0.87
12AR01 33.45-38	7.89	18.2		0.65	0.09	0.22	4.6	9	0.53	3.49	1637	0.8	1.75	3.8	59.5	0.07	2	7		0.66
12AR01 48.15-52	7.01	15.6		0.7	0.07	0.11	3.7	9	0.44	3.41	1874	0.77	1.48	2.8	62.7	0.06	2	1.6		0.82
12AR01 65.15-67.05	9.64	16.6		0.51	0.11	0.13	3.6	12	0.5	2.9	3232	1.27	1.88	2.9	67	0.06	16.7	3.1		3
12AR03 14.2-16.45	6.7	18.2		1.85	0.06	1.49	21.1	49	0.54	1.87	852	14.34	1.65	5.6	94.6	0.08	5	64.1		>5
12AR03 39-43.3	7.94	18.9		0.65	0.1	0.13	5.5	9	0.56	3.36	1703	0.91	1.62	4.7	65.9	0.09	3	1.5		0.93
12AR04 0-4	4.14	20.6		1.5	0.06	1.93	23.7	35	0.34	1.09	852	0.68	2.16	7.5	34.7	0.07	12.4	86.5		0.02
12AR04 16-20	4.87	22.4		1.97	0.08	2.53	26.9	37	0.29	1.31	897	0.84	1.69	9.5	38.8	0.06	14.8	110		0.03
12AR04 43.2-49.15	8.25	19.5		0.62	0.09	0.2	4.9	15	0.52	3.62	1695	1.13	1.99	4.1	61.5	0.08	1.9	4.6		0.67
12AR04 79-82.8	7.46	17.4		0.63	0.08	0.1	4	6	0.48	3.5	1510	0.86	1.98	3.2	68.3	0.07	1.3	0.7		0.61
12AR05 46-50	5.03	23.3		1.68	0.08	2.34	27.4	37	0.32	1.36	1000	1.25	1.97	8.9	37.7	0.06	14.9	97.3		0.02
12AR05 70-74	8.85	19		0.77	0.09	0.17	5.3	7	0.55	3.17	2040	0.88	2.04	4.3	68.2	0.09	1.6	2.6		0.72
12AR05 86-90	7.9	18		0.64	0.11	0.1	3.9	20	0.51	3.73	1701	0.84	1.55	3.2	65.8	0.07	2.1	2		0.42
12AR06 47.95-49.2	8.09	20.5		0.77	0.11	0.37	5.3	15	0.63	2.83	1210	0.93	1.1	4.4	96.2	0.1	4.3	18.5		1.88
12AR06 55-59	7.58	16.6		0.62	0.09	0.11	4.2	7	0.51	3.36	1759	0.94	1.64	3.3	65.4	0.07	1.7	1.2		0.75
12AR06 67-71	7.96	17.5		0.66	0.09	0.18	5.3	9	0.53	3.32	1631	1.15	1.89	4.2	66.5	0.08	1.3	2.8		0.55
12AR06 89.4-94.7	7.5	16.7		0.62	0.08	0.11	3.8	6	0.47	3.66	1557	0.89	1.88	3.1	70.4	0.07	1.2	0.7		0.48
12BA01 20.75-22.75	8.44	16.5		1.1	0.12	0.12	4.7	13	0.51	3.6	3549	4.13	2.36	0.9	66.8	0.07	8.5	4.3		3.13
12BA04 16-20.25	8.01	16.7		0.63	0.08	0.16	2.9	12	0.45	4.07	1910	2.75	2.75	1.4	84.3	0.05	3.7	3		2.53
12BA04 4-8	7.76	18		0.73	0.09	0.09	4.6	6	0.58	3.46	1528	0.87	1.81	3.5	59.9	0.08	1	0.8		0.55
12BA04 76.3-78.3	12.4	17.2		0.67	0.17	0.12	4.1	20	0.31	4.35	3335	2.41	1.65	1.7	63.6	0.07	7.4	8.9		2.64
12BA05 20-24	7.87	18.5		0.6	0.1	0.14	3.8	9	0.52	3.85	1374	2.8	1.87	3	63.3	0.07	1.4	4.5		1.75
12BA05 8-12	7.91	16.7		0.65	0.09	0.12	4.2	13	0.54	3.84	1619	0.7	2.03	3.4	53.2	0.08	1.2	2.4		0.62
12BA07 19-23	8.08	18.4		0.69	0.1	0.14	4.9	7	0.6	3.43	1582	1.06	1.77	3.7	68.1	0.08	1.2	2.5		0.73
12BA07 31-33.5	7.18	17		0.53	0.08	0.13	2.7	7	0.46	3.25	1143	0.59	2.83	2	89.7	0.05	1.2	2.3		2.17
12BA08 18.85-20.7	11.3	18.1		0.37	0.11	0.14	2.6	24	0.38	3.63	3073	1.32	2.22	1.5	79.1	0.04	3	7.3		3.42
12BA12 52-54.5	12.3	14.7		0.44	0.18	0.09	1.7	30	0.3	6.17	3946	1.06	1	0.4	359	0.03	5.7	3.5		2.71
12BA13 32.25-34.6	13.3	17.3		0.65	0.13	0.04	4.1	24	0.43	4.86	1801	2.27	0.7	1.4	68.8	0.05	2.1	1.4		1.79
12BA15 34.4-36.4	12	17.3		0.33	0.12	0.08	3.2	25	0.44	4.98	1619	1.63	0.41	1.5	61.9	0.05	1.5	4.8		0.99
12BA19 11.4-13.4	9.42	19.1		0.52	0.15	0.13	3.9	19	0.61	4.81	3305	0.63	1.95	2.1	49.9	0.09	1.5	4.9		1.16
12BA19 180.8-182.8	8.7	17.7		0.96	0.13	0.21	3.6	20	0.51	3.55	2961	3.01	2.43	1.9	109	0.06	13.9	11.2		2.66
12BA20 27.6-29.8	13.7	19.2		0.68	0.13	0.05	2.4	31	0.47	4.04	2592	2.68	0.69	1.5	62	0.05	2	4.4		1.52

LAB SAMPLE ID	Whole Rock ICP																			
	Fe	Ga	Ge	Hf	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S
	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
12BA20 45.75-47.7	14	19.8		0.45	0.17	0.05	3.3	31	0.55	4.2	4398	1.04	0.8	1.7	69.4	0.06	2.3	3		2.13
12BA20 95.2-97.3	4.25	19.4		1.91	0.08	2.35	24.1	52	0.4	1.58	1481	1.13	0.62	9.5	33.8	0.05	22	126		0.18
12BA24 16-20	4.77	22.7		2.03	0.08	2.36	32.4	38	0.3	1.43	826	3.58	1.75	10.7	38.7	0.07	14.3	111		0.06
12BA24 40-44	5.02	25.8		2.21	0.09	2.45	31.3	41	0.33	1.4	818	1.44	1.8	9.5	40.1	0.07	15.9	118		0.1
12BA24 60-64	5.27	26.7		2.27	0.09	2.54	33.5	44	0.36	1.52	871	0.2	1.85	13.5	42	0.06	15.6	126		0.18
12BA26 12.7-14.5	10.4	18.5		0.55	0.15	0.07	3.3	26	0.5	4.44	3394	0.77	1.91	1.3	72.1	0.06	2.5	2.1		2.1
12BA28 16.65-18.7	12.3	20.2		0.82	0.16	0.08	4.5	38	0.58	4.56	2497	1.13	1	2.9	45.9	0.08	3.7	2.7		1.04
12BA32 5.2-7.4	13	18.4		0.55	0.13	0.05	4.1	21	0.56	3.79	4619	1.49	1.29	1.5	78.1	0.06	5.4	2.2		2.93
12BA33 27.15-29.35	12.2	13.7		0.56	0.15	0.06	4.4	40	0.4	4.21	3128	3.57	0.86	0.7	91.4	0.05	5	2.3		3.39
12BR03 57.2-59.2	7.9	18.4		0.9	0.1	0.14	3.9	15	0.54	4.29	1836	1.97	2.49	1.7	66.1	0.06	2.4	5.7		2.39
12BR05 40.95-42.9	4.86	22.4		2.72	0.09	1.99	34.7	27	0.43	1.34	877	3.7	1.59	3.9	39.8	0.09	17	88.7		0.89
12BR06 21.2-22.75	7.24	16.7		0.49	0.08	0.52	1.9	19	0.33	5.71	3159	9.57	0.87	0.6	306	0.04	8.5	27.1		0.73
12BR07 29.15-31.25	4.88	24.1		2.77	0.08	2.47	31.3	33	0.49	1.3	2207	1.11	1.52	6.8	35.5	0.06	14.4	110		0.07
12BR11 11.05-13.25	8.24	20		0.65	0.1	0.07	5	11	0.64	3.56	1504	1.22	1.67	4	55.5	0.08	2	1.1		0.83
12BR11 45.15-47.25	5.05	22.5		2.72	0.08	2.2	36.1	28	0.32	1.24	853	9.89	1.64	4.1	50.2	0.11	14.2	94		1.23
12BR12 38.5-40.5	12.1	19.1		0.89	0.11	0.14	4.9	42	0.44	4.83	1406	7.67	1.05	1.3	72.6	0.05	8.4	5.4		2.04
12MM04 31.2-33.35	8.76	21		0.8	0.11	0.14	5.1	9	0.68	3.72	1462	0.91	2.15	4.1	55.6	0.08	2.2	1.8		0.77
12MM05 24.3-26.3	8.72	21.4		0.7	0.12	0.13	5.6	6	0.73	3.65	1571	0.83	1.59	4.5	50.4	0.09	2.4	1.5		0.66
12MM06 7.5-8.6	10.4	14.3		0.43	0.13	0.09	4.7	8	0.43	2.51	1154	2.32	1.36	3.6	209	0.06	8.5	4.5		>5
12MM07 23.8-25.95	8.48	15.7		0.74	0.08	0.25	5.6	10	0.46	3.35	1210	4.4	2	4	93.8	0.06	5.6	9.2		3.53
12MM08 12.85-15.05	7.85	20.3		0.64	0.1	0.12	4.2	9	0.52	3.67	1319	1.59	1.4	3.4	86.6	0.07	7.3	3.8		1.84
12MM08 135.25-137.3	4.89	22.3		1.58	0.07	2.47	34.3	45	0.42	1.47	1220	1.09	1.87	6.5	46.5	0.08	17.4	101		0.18
12MM08 72.3-74.45	7.76	18.4		0.69	0.1	0.14	3.9	9	0.52	4.35	1315	0.52	2.16	3.1	51.5	0.07	8.3	3.9		1.06
12MM09 120.15-122.35	13.5	18.4		0.32	0.22	0.13	4.9	32	0.5	3.96	5397	1.8	1.22	1.7	51.7	0.07	9.4	4.5		3.62
12MM09 94.05-96.1	7.59	17.6		0.67	0.08	0.14	5.2	8	0.49	3.57	1412	3.06	1.88	3.5	91.8	0.06	3.5	3		1.63
12MM10 55-57	4.43	21.6		1.83	0.07	2.07	29.9	25	0.42	1.12	1209	1.64	1.86	3.7	38.4	0.07	14.8	85.9		1.15
12MM11 83.65-85.85	7.4	20.7		4	0.08	2.53	35.4	18	0.6	1.42	678	23.43	1.14	3.1	106	0.1	20	98.8		3.86
12MM13 48.45-50.5	8.39	19.3		0.81	0.1	0.18	5.5	21	0.63	3.62	1519	1.11	1.81	4.3	53.7	0.09	3.2	6.8		0.74
12MM13 83.45-85.2	6.75	20.3		2.89	0.28	2.17	26.1	28	0.36	1.28	703	3.22	1.66	4.8	43.7	0.06	20.6	73.6		4.01
12MM15 58.1-59.9	16.8	16.5		0.23	0.28	0.1	3.7	41	0.43	4.03	3939	0.81	1.19	1	44.1	0.06	11.7	3.2		3.62
12MM16 56.4-58.45	4.26	19.3		2.05	0.07	1.66	26.3	31	0.31	1.15	843	1.09	2.03	3.6	29.7	0.06	12.2	71.1		0.58
12MM17 22.7-24.7	7.06	17.7		0.4	0.06	0.26	1.4	25	0.27	4.81	1348	0.49	1.57	0.8	342	0.02	1.9	13.3		0.76
12MM17 94-96.1	4.92	23		1.71	0.07	2.27	35.5	42	0.4	1.46	1345	1.51	2.02	6.6	42.8	0.08	16	98.8		0.3
12MM19 73-75.1	13	15.9		2.29	0.35	1.93	26.3	30	0.33	1.03	1062	8.41	0.81	4.8	62.7	0.05	21	79.2		>5
12MM19 91.5-93.7	5.11	22.7		1.6	0.07	2.31	35.2	33	0.38	1.47	1395	1.24	2.03	7	43.5	0.08	16.3	102		0.27
12MM22 111.5-113.7	11.8	18.7		0.24	0.2	0.09	3.8	26	0.45	4.22	4462	0.86	1.71	1.1	79.6	0.07	6.1	3.6		2.74
12MM23 101.5-103.7	4.47	21.9		1.92	0.07	3.18	33.7	33	0.42	1.45	987	0.95	1.59	8.5	42.9	0.07	12.3	117		1.01

LAB SAMPLE ID	Whole Rock ICP																			
	Fe	Ga	Ge	Hf	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S
	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
12MM23 7.4-9.3	5.66	22		2.64	0.08	2.14	26.9	30	0.22	1.17	786	1.76	1.68	3.9	35.8	0.06	20.7	82.4		1.74
12MM24 68.1-70	12	18.8		0.29	0.28	0.09	4.5	26	0.47	3.87	4456	1.68	1.26	0.9	58.3	0.1	12	2.2		3.65
12MM25 98.15-100.2	4.69	22.3		2.3	0.08	2.57	27.4	29	0.46	1.3	2141	5.57	1.24	3.4	40.6	0.07	13	90.1		1.03
12MM26 16-20	8.07	19.9		0.71	0.1	0.12	5.6	8	0.56	3.57	1494	1.3	1.69	4.6	71.4	0.08	2.1	2.4		0.39
12MM26 24-28	7.48	18		0.58	0.09	0.21	5.3	24	0.49	3.44	1483	1.34	1.81	3.8	70.2	0.08	2.7	7.3		0.36
12MM26 40-44	8.59	18.3		0.65	0.09	0.11	3.8	7	0.51	3.69	1541	0.92	1.99	3.2	54.6	0.07	1.1	1.6		1.02
12MM26 52-55.6	9	19.8		0.66	0.11	0.14	4.9	9	0.63	3.44	1472	0.76	2.05	4.3	57.2	0.08	1.2	1.8		0.81
12MM26 7.5-12	8.33	19.2		0.68	0.09	0.12	5.7	11	0.54	3.37	1518	1.7	1.61	4.8	75.6	0.07	1.6	2.8		0.2
12MM28 28.35-30.4	8.08	17.3		0.61	0.11	0.24	4	13	0.51	4.05	1712	1.28	1.04	3	66.6	0.07	5.9	14.3		1.12
12MM29 12-16	5.1	23.6		2.54	0.08	2.62	33.6	33	0.27	1.31	1040	1.35	1.95	7.6	38.1	0.06	15.6	115		0.23
12MM29 64-66	4.41	21.5		2.31	0.07	2.36	31.9	35	0.32	1.31	1014	16.99	1.57	6.1	41.2	0.06	14.9	101		0.47
12MM31 29.5-31.1	17.7	16.6		0.1	0.27	0.14	3.8	44	0.29	3.3	4174	0.6	0.74	1.4	56.7	0.06	6.7	5.4		4.31
12MM33 127.55-129.75	8.79	18.4		3.69	0.09	2	37.6	34	0.47	1.47	896	17.63	1.52	2.9	103	0.07	15.6	63.3		4.58
12MM33 31.75-33.7	9.37	18.8		0.75	0.1	0.33	4.3	25	0.58	4.85	1242	1.44	1.68	2.3	45.1	0.07	3.8	11.7		2.72
12MM36 35.9-38.05	6.8	19.9		0.81	0.12	0.28	10	10	0.61	3.23	1313	1.41	1.67	10.2	90.1	0.17	4.5	9		2.04
12MM36 84.65-86.15	8.88	10.7		2.83	0.31	2.19	31.6	8	0.34	0.23	190	10.11	0.23	2.9	46.2	0.04	37	47.9		>5
12MM38 80.6-82.8	14.2	20.9		0.41	0.08	1.46	6.1	48	0.41	3.5	2324	283	0.92	1.5	60.2	0.08	9.6	59.2		>5
12VR01 47-50.4	8.75	18.1		0.69	0.11	0.39	4.4	14	0.57	2.38	1543	1.5	2.26	4	78	0.1	6.3	20.3		3.33
12VR02 12-16	9.25	20.3		0.64	0.11	0.08	6.1	10	0.57	3.26	2751	2.09	1.06	4.8	70.8	0.09	5.1	2		1.66
12VR02 123.3-125.3	11.8	14.9		0.25	0.13	0.09	3.6	22	0.47	3.92	5333	0.73	1.56	1.3	73.2	0.06	4.6	3.6		2.94
12VR02 38-42	6	21.2		3.24	0.09	2.44	36.9	28	0.6	1.31	867	18.51	1.49	4	114	0.08	16	91.7		4.39
12VR02 66-70	5.35	22.3		2.1	0.08	2.45	28.6	37	0.39	1.29	2455	5.85	1.72	4.9	50.3	0.07	13.7	100		1.03
12VR02 82.55-87	8.23	19.4		0.85	0.11	0.39	7.1	25	0.58	2.58	1271	2.74	1.72	5.7	80.4	0.07	5.4	17.2		1.73
12VR03 140.2-142.35	18.2	9.6		0.23	0.27	0.03	1.6	47	0.27	4.32	5657	1.56	0.15	0.4	132	0.03	1.2	2.4		3.62
12VR03 41-45	5.2	23.8		1.96	0.08	2.74	29.9	43	0.31	1.37	941	0.49	1.77	9.5	40.1	0.07	14.1	130		0.08
12VR03 57-61	4.96	21.4		1.62	0.08	2.36	26.1	38	0.33	1.31	1284	0.53	1.71	6.4	39.8	0.07	10.5	108		0.2
12VR04 132-136	4.88	22.5		2.16	0.08	2.36	29.2	40	0.33	1.31	988	2.69	1.63	8.9	46.9	0.06	15.6	107		0.69
12VR04 148-150.15	6.29	23.8		1.3	0.09	1.43	20.8	45	0.41	1.85	999	0.94	2.19	9.1	46.7	0.08	10.1	58.5		1.31
12VR04 32-36	5.61	21.9		1.88	0.08	1.96	28.5	39	0.45	1.5	1141	3.1	1.96	8.7	59.7	0.07	13.3	77.8		0.95
12VR04 8-12	4.91	21.3		1.36	0.07	2.03	27.6	32	0.41	1.45	967	1.96	2.24	6.6	51.9	0.07	13	83.7		0.57
12VR04 84-88	5.11	22.3		2.11	0.08	2.46	33.5	33	0.48	1.32	1269	6.54	1.52	4.8	68.8	0.07	15.9	100		2.36
12VR05 0-4	8.65	19.6		0.58	0.1	0.11	5.3	14	0.53	3.24	1721	1.63	1.58	2.8	64.8	0.07	3.1	3.1		1.95
12VR05 33.2-35.4	17.5	16.6		0.17	0.15	0.12	3.1	34	0.37	1.77	2061	1.31	0.64	2	56.4	0.04	4.3	5		4.87
12VR06 166.1-168.2	18.4	18		0.18	0.27	0.09	3.5	24	0.44	3.24	2590	1.47	0.42	2.4	60	0.07	2	1.6		2.44
12VR06 195.6-197.8	8.25	17.8		0.56	0.09	0.09	3.7	7	0.48	3.45	2571	0.95	1.38	3.2	66.4	0.06	2.8	1.7		1.74
12VR06 46-48.35	5.01	21.9		2.06	0.08	2.42	31.5	33	0.46	1.35	1557	3.63	1.7	5.8	49.5	0.07	14	100		0.93
12VR06 4-8	5.12	21.3		1.51	0.07	1.67	27.1	28	0.34	1.35	771	5.43	2.3	5.4	58.7	0.07	18.7	63.1		1.14

LAB SAMPLE ID	Whole Rock ICP																			
	Fe	Ga	Ge	Hf	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S
	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
12VR06 83-87	5.04	23.4		2.02	0.08	2.48	28.9	42	0.36	1.39	1058	0.54	1.85	7.5	41.8	0.06	15.4	107		0.13
12VR08 106.4-108.55	8.9	22		0.67	0.18	0.59	6.5	18	0.56	3.04	2206	1.37	1.46	4.9	70.3	0.09	8.7	26		2.22
12VR08 22-26.3	8.57	19.8		0.68	0.09	0.15	5.8	6	0.54	2.48	1980	1.22	1.52	4.6	78.6	0.08	2.1	5		2.01
12VR08 231.8-233.9	12.1	18.2		0.54	0.12	0.57	5	33	0.49	3.33	2120	0.75	1.05	3.4	104	0.06	2.8	24.9		3.37
12VR08 59-63.7	4.53	21.4		1.65	0.08	2.12	31.9	38	0.45	1.24	1519	2.01	1.66	5	44.4	0.07	12.6	76.6		1.18
12VR10 16-20	4.33	17.9		1.31	0.09	1.52	28.6	37	0.26	1.12	623	1.26	3.21	9.2	34.9	0.06	163	56.3		0.12
12VR10 208.3-210.45	9.89	19.5		0.6	0.09	0.19	4.2	28	0.53	3.17	2952	1.01	1.61	3.1	73.1	0.06	1.8	7.8		3.7
12VR10 40-44	5.04	23.2		1.7	0.08	2.4	27.5	42	0.31	1.37	948	0.64	2.1	9.6	39.3	0.06	14.5	99.8		0.03
12VR10 72-77.15	7.95	22.1		0.85	0.11	0.33	10.3	10	0.61	3	1694	2.48	1.58	10.5	107	0.13	3.4	13.5		1.14
12VR12 104-108	5.09	23.4		2.24	0.08	2.68	28.4	37	0.3	1.38	1086	0.98	1.79	10.3	41.4	0.06	14.9	119		0.03
12VR12 132-136	3.79	20.1		1.81	0.06	1.9	21.2	30	0.34	1.01	739	0.47	2.46	8.3	31.4	0.06	11.8	74.9		0.03
12VR12 24-28	5.31	26.8		2.69	0.1	2.71	33.6	40	0.46	1.15	796	0.71	1.02	10.7	36.4	0.05	13.1	132		0.02
12VR12 68-72	4.96	24.7		2.28	0.08	2.48	27.1	39	0.39	1.46	1660	1.4	1.89	8	40.9	0.05	15.7	120		0.33
12VR15 53-57	4.46	22.9		2.04	0.08	2.37	26.7	36	0.33	1.24	1031	1.53	1.59	6.7	37.8	0.06	14.5	97.7		0.15
12VR15 9-13	6.24	25.9		2.76	0.1	2.53	53.4	31	0.74	0.84	1054	10.41	0.17	5.5	20.5	0.07	18.2	94.3		0.04
12VR16 136-140	3.64	18.2		1.78	0.06	1.62	22.2	23	0.27	0.95	888	0.8	2.38	4.4	26	0.05	10.4	58.3		0.63
12VR16 51.8-56	4.76	23.6		2.06	0.08	2.32	28.4	36	0.34	1.36	1081	1	2.08	5.9	38.1	0.06	15.5	103		0.1
12VR16 96-100	5.24	24.5		2.26	0.08	2.51	28.8	44	0.33	1.44	1057	0.85	1.91	8.2	39.9	0.07	14.8	113		0.07
12VR17 19-23	7.84	21		0.67	0.11	0.1	5.3	9	0.55	2.54	2190	0.95	1.92	4.6	59.5	0.08	5.7	2		2.01
12VR17 48.15-50	9.21	18.5		0.42	0.1	0.05	4.4	19	0.56	3.5	3463	1.13	1.05	4	65.8	0.07	2.9	1.1		1.48
DAR19 32-36	4.35	21.5		1.73	0.07	2.05	25	33	0.31	1.12	888	0.37	2.19	9	35.9	0.06	11.7	89.1		<0.01
DAR19 44-50	4.62	22.1		2.12	0.07	2.25	28.2	38	0.32	1.25	962	0.68	1.73	9.1	37.4	0.09	13.7	98.5		0.05
GTAC2 12-16	8.22	20.1		0.71	0.1	0.13	5	10	0.61	3.33	1399	1.22	1.91	4.4	59.8	0.08	2.1	1.8		0.66
GTAC2 28-32	8.25	19		0.68	0.09	0.16	4.5	9	0.58	3.6	1340	0.94	2.2	3.7	63.9	0.07	1	2.3		0.89
GTAC2 44-48	8.34	18.5		0.68	0.09	0.12	4.2	7	0.56	3.59	1493	0.69	2.02	3.5	54.8	0.07	1	1.6		0.89
GTMM2 58-62	4.16	19.9		2.03	0.06	1.89	27.1	35	0.37	1.06	970	0.82	2.17	6.6	30.3	0.05	12.7	79.2		0.33
GTVR2 32-36	4.87	25.1		2.26	0.08	2.69	27.9	36	0.41	1.34	1177	1.64	1.64	7.5	40	0.06	15.2	120		0.29
GTVR2 96-100	6.71	21.2		2.1	0.08	1.51	21.5	30	0.53	1.69	3045	8.18	1.91	5.7	70.7	0.08	10.2	55.3		3.02
GTVR3 120-124	4.62	24.2		1.81	0.08	2.38	28.4	37	0.14	1.29	727	0.18	1.99	12.4	36.2	0.07	13.9	105		0.03
GTVR3 136-140	5.06	24.6		1.87	0.08	2.55	30	45	0.15	1.37	667	0.37	1.87	12.4	41	0.06	13.2	115		0.06
GTVR3 184-188	5.33	25.3		1.95	0.08	2.62	27.2	32	0.25	1.34	997	1.9	1.56	7.7	38	0.06	12.6	104		0.79
GTVR3 216-220	4.7	24.4		1.85	0.08	2.53	29	42	0.26	1.33	883	2.9	1.93	7.5	37.9	0.06	14.5	113		0.39
GTVR3 232-236	4.85	23.7		1.65	0.08	2.47	28.7	40	0.28	1.33	892	0.76	1.91	7.4	37.8	0.06	13.1	114		0.37
GTVR3 24-28	4.79	25.1		1.99	0.08	2.3	28.9	38	0.3	1.05	708	0.31	1.26	10.7	37.6	0.05	13	117		<0.01
GTVR3 264-267.2	4.82	22.2		2.23	0.09	2.23	28.5	42	0.26	1.61	988	0.23	40	10.8	1.58	0.07	15.6	104		0.01
GTVR3 56-60	5.12	22.6		2.59	0.09	2.03	30.6	52	0.29	1.76	1066	1.77	85	11.2	1.76	0.07	19.6	90		0.28
GTVR3 88-92	4.88	21.3		1.96	0.08	2.55	29.4	48	0.25	1.59	833	0.29	35	10.2	1.61	0.06	10.9	121		0.13

LAB SAMPLE ID	Whole Rock ICP																			
	Fe	Ga	Ge	Hf	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S
	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
IAR02 24-28	5.44	22.3		1.95	0.09	2.32	27.2	65	0.37	1.69	1042	0.82	45	11.7	1.88	0.06	15.4	97.4		0.02
IAR02 40-44	6.72	17.9		1.01	0.09	0.76	9.8	19	0.5	2.75	1284	1.62	61	5	1.99	0.07	6.4	35.3		1.01
IAR02 56-60	8.67	17.7		0.61	0.12	0.23	5.1	16	0.58	3.99	1635	1.42	63	4.3	1.8	0.09	4.2	4.6		1.99
IAR02 72-76	7.88	16.2		0.74	0.09	0.16	5.2	6	0.54	3.98	1907	0.98	65	3.7	1.93	0.07	2.1	2.1		0.74
IAR02 8-12	5.62	21.8		2.31	0.09	2.28	32.4	46	0.39	1.72	1076	1.55	49	11.5	2.06	0.06	18.1	102		0.04
IAR02 88-92	7.38	15.4		0.59	0.09	0.13	4	8	0.42	3.95	1641	0.66	60	2.9	2.02	0.06	1.9	1.6		0.46
IAR03 16-20	4.92	20.2		1.94	0.08	2.45	29.7	38	0.29	1.53	1035	1.49	42	9.2	1.91	0.07	15.1	107		0.02
IAR03 32-36	8.19	18.2		2.08	0.09	1.16	19.7	24	0.6	2.88	1118	9.2	95	3.8	2.08	0.08	6.1	44.5		1.82
IAR03 48-52	8.3	17.6		0.65	0.09	0.16	5	12	0.53	4.3	1808	1.77	65	3.9	1.57	0.08	2.5	1.8		0.51
IAR03 64-68	8.32	17.3		0.68	0.1	0.14	5	17	0.54	4.27	1856	1.85	64	3.9	1.5	0.08	3.7	1.8		0.99
IAR03 80-84	7.81	17.3		0.73	0.1	0.12	5.1	10	0.5	3.77	1914	1.8	66	3.8	1.71	0.08	3.4	0.9		0.93
IAR04 16-20	5.15	21.8		1.48	0.08	2.39	28.1	62	0.24	1.64	1040	1.12	45	9.6	2.1	0.06	15.5	105		0.01
IAR04 74-78	7.95	17.4		0.66	0.09	0.14	4.1	17	0.49	4.35	1688	1.1	72	3.5	1.91	0.07	3.4	2		0.96
IAR04 90-94	7.89	17.2		0.76	0.09	0.17	5.8	11	0.53	3.92	1851	1.68	72	4.6	2.05	0.08	2.2	2		0.7
IAR05 26-30	8.2	17.9		0.77	0.1	0.12	4.5	10	0.54	4.26	1774	2.02	74	3.8	1.89	0.08	3	1		1.01
IAR05 42-46	7.99	17.7		0.76	0.09	0.14	4.9	9	0.57	3.82	1740	1.91	73	4	1.92	0.08	2.1	1.4		0.48
IAR05 8-12	7.24	15.1		0.61	0.08	0.14	4.3	8	0.47	3.91	1783	1.95	68	3.4	1.74	0.07	1.9	2.3		0.66
IAR07 20-24	7.77	16.9		0.74	0.09	0.12	4.9	9	0.54	3.6	1785	1.73	70	3.9	1.72	0.08	2.2	1.3		0.87
IAR07 32-38	7.92	16.6		0.8	0.09	0.08	5.1	12	0.52	3.86	1911	2.99	75	4	1.64	0.08	2	0.8		0.91
IAR07 4-8	8.14	17.6		0.78	0.09	0.17	5.2	10	0.53	4.46	1746	2.02	75	4	1.85	0.07	3.1	2.8		0.71
IAR08 42-46	3.58	16.4		1.34	0.05	1.65	25	29	0.32	1.08	855	1.46	30	8.4	2.6	0.07	11.4	70.6		0.01
IAR08 54-58	5.01	22.3		1.58	0.08	2.13	27.7	43	0.25	1.6	1065	1.7	43	8.1	2.06	0.07	13.7	92.6		0.19
IAR09 38-42	6.46	19.7		1.58	0.08	1.61	19.7	29	0.48	2.29	1202	4.56	74	5.5	1.9	0.08	8.9	69.3		1.46
IAR09 54-58	7.47	17.1		0.66	0.08	0.2	4.3	8	0.46	4.33	1422	1.58	81	3.3	2.38	0.06	2.8	6.1		1.11
IAR10 18-22	4.7	21.7		1.93	0.08	2.3	27.6	35	0.28	1.09	832	1.2	43	9.4	1.32	0.04	14.3	85.7		0.06
IAR10 28-32	8.65	16.6		0.64	0.12	0.36	5.3	18	0.52	3.3	1887	1.45	65	3.7	1.43	0.08	3.5	15.4		1.24
IAR11 30-34	8.12	18.2		0.94	0.1	0.67	8.7	13	0.54	3.63	2188	1.82	55	4.2	1.6	0.08	5	22.9		1.11
IAR11 48-52	5.61	13.5		0.39	0.07	0.87	2.9	128	0.33	2.64	1187	0.98	47	2.2	1.3	0.05	2.7	42.4		0.68
IAR12 12-16	5.39	24.3		2.64	0.09	2.24	41.3	44	0.58	1.31	1460	1.47	43	10.6	0.9	0.06	16.3	95.3		0.02
IAR12 32-36	4	19.3		1.54	0.06	1.91	28.3	33	0.32	1.28	862	1.11	35	9.2	2.11	0.07	12.5	73.7		<0.01
IAR12 44-48	6.23	20.2		1.93	0.07	1.74	23.6	37	0.41	2.15	1225	3.63	55	7.5	2.26	0.08	10.1	81.1		1.23
IAR13 22-26	4.86	22.1		1.84	0.07	2.32	28.1	34	0.25	1.36	899	0.77	39	9.1	1.64	0.06	15.4	100		<0.01
IAR14 10-12	5.37	23.6		2.25	0.09	2.3	20.7	38	0.32	1.36	1315	1.09	44	9.4	1.38	0.06	14.9	82.9		<0.01
IAR14 22-26	4.49	19.9		1.66	0.07	2.07	26.8	37	0.34	1.38	1088	1.25	37	7.7	2.1	0.06	12	87.3		0.02
IAR14 38-42	5.17	22.1		1.8	0.08	1.77	29.1	38	0.27	1.6	1067	4.01	40	9.2	1.83	0.07	14.6	82.1		<0.01
IAR14 59-64	8.55	19.2		0.64	0.09	0.3	6.3	13	0.55	4.06	1368	1.11	107	4.3	1.54	0.08	4.2	13.6		1.52
IAR14 72-76	7.19	15.5		0.74	0.08	0.09	5.2	11	0.51	3.83	2023	0.89	57	3.1	1.45	0.07	2.7	1.4		1

LAB SAMPLE ID	Whole Rock ICP																		
	Fe	Ga	Ge	Hf	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re
	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
IAR14 88-92	7.71	16.5		0.56	0.1	0.14	4.2	14	0.48	4.71	1769	0.93	66	3.4	1.95	0.06	3.3	2.8	1.01
IBA14 22-26	8.38	16.7		0.65	0.1	0.12	5	11	0.57	4.26	1583	1.19	44	3.9	1.61	0.08	1	2.4	1.2
IBA14 2-6	7.79	15.8		0.63	0.08	0.19	4.5	11	0.57	4.39	1440	1.93	81	2.1	2.43	0.05	2	4.5	1.72
IBA22 26-30	8.04	16.5		0.62	0.09	0.28	5.6	26	0.55	3.47	1523	1.48	42	4	1.5	0.08	1.5	12.5	1.08
IBA22 6-10	4.72	20.8		2	0.08	1.99	28.5	28	0.52	0.8	1002	0.79	44	7.7	0.35	0.04	14.7	83.1	<0.01
IVR01 20-24	8.31	18.3		0.79	0.1	0.13	7.5	10	0.6	3.84	1830	1.78	73	4	1.67	0.09	2.6	1.6	0.8
IVR03 4-8	9.03	16.5		0.72	0.09	0.15	5.4	6	0.51	3.58	2216	1.44	71	4.2	1.59	0.08	2.8	2.9	1.27
IVR06 10-14	3.82	14.9		1.02	0.05	1.88	24.3	31	0.3	1.09	737	1.18	27	8.5	2.18	0.06	10.6	61.8	0.02
IVR08 132-136	5.19	20.7		1.74	0.08	2.45	30.1	45	0.37	1.75	1368	1.19	42	4.5	1.76	0.06	17	109	0.21
IVR08 54-60	7.39	18.8		1.66	0.09	1.32	19.1	35	0.56	2.11	1570	8.19	105	8.7	2.19	0.11	7.4	47.1	3
IVR08 72-76	5.14	19.3		0.94	0.06	2.77	27.6	36	0.43	1.45	1344	2.65	49	5.3	1.54	0.07	13.9	117	1.03
IVR09 52-56	5	21.9		1.69	0.08	2.48	28.4	43	0.33	1.36	1386	2.99	41	6.4	1.79	0.06	14	105	0.33
IVR09 84-88	10.2	17.2		3.48	0.07	1.91	36.7	42	0.81	1.78	754	24.48	142	6.4	2.15	0.15	10.4	56.3	>5.00
IVR10 138-142	6.28	18.9		2.96	0.07	2.51	26.1	34	0.48	1.56	1096	17.86	105	4.7	1.34	0.07	13.6	105	4.67
IVR10 90-94	16	15.8		0.22	0.32	0.47	4.1	30	0.31	1.87	2485	0.98	70	2.3	0.9	0.05	7.6	10.7	>5.00
IVR12 14-18	4.69	18.8		1.41	0.07	2.27	25.9	35	0.34	1.45	967	2.13	49	8	1.98	0.07	13.1	90.7	0.03
IVR12 46-48	9.73	17.4		1.51	0.08	1.8	24.1	42	0.46	2.04	2376	4.95	58	5.1	1.47	0.07	10.3	68.7	2.94
MAR_28 46-50	8.4	17.3		0.84	0.09	0.39	8.1	12	0.58	3.38	1590	9.15	99	5	1.68	0.08	4.8	18	2.57
MAR_28 54-60	8.39	16.5		0.67	0.09	0.13	4.8	13	0.55	4.63	1794	0.68	58	3.7	1.57	0.08	2.2	2.2	0.38
MAR_33 26-30	5.34	21.7		2.62	0.09	2.47	28.8	36	0.36	1.58	1423	0.53	40	7.8	1.52	0.05	13.5	103	<0.01

LAB SAMPLE ID	Whole Rock ICP																	
	Sb	Sc	Se	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	V	W	Y	Yb	Zn	Zr
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
12AC01 15-19T	0.36	40.7	2	1	100	0.16		<0.05	0.37	0.743	0.11	1.2	321	0.9	29.1		219	24.4
12AC02 10-14T	0.05	38.3	2	1.5	191	0.2		0.11	0.94	0.616	0.09	2.4	263	1.5	31.3		131	24.1
12AC03 4-6T	0.06	39.4	2	0.8	14.5	0.2		<0.05	0.24	0.964	0.02	0.5	324	0.5	27.6		200	28.4
12AC08 18-21T	0.13	45	1	1.4	152.5	0.15		<0.05	0.23	0.844	0.03	0.4	334	1.4	31.2		109	9.9
12AC08 36-40T	0.14	24.1	6	1.5	155.5	0.28		0.19	4.63	0.465	0.35	14.9	281	2.4	37.5		229	97.4
12AC12 6-10T	0.3	52.3	1	1	134	0.15		<0.05	0.19	0.873	0.11	0.5	395	0.9	73		204	8.8
12AC14 14-18T	0.52	44.9	2	1.1	105.5	0.19		<0.05	0.26	0.946	0.03	0.3	339	0.5	35		244	11.9
12AC14 4-8T	0.1	46.1	1	1.4	163.5	0.25		<0.05	0.29	1.115	<0.02	0.1	374	0.9	42.3		125	8.8
12AC14 80-84T	<0.05	14.1	3	1.7	120	0.21		0.17	6.07	0.283	0.89	5.4	182	1.6	24.8		153	98.6
12AC16 10-14T	0.07	48.4	1	6.1	147	0.21		<0.05	0.3	1.07	0.02	0.1	378	1.2	39.9		112	8.9
12AC16 30-34T	0.2	47.2	2	1.1	131.5	0.23		<0.05	0.3	1.085	<0.02	0.1	379	0.8	41.1		116	11.7
12AC27 2-6T	0.35	43.8	1	0.9	92.1	0.13		<0.05	0.16	0.736	<0.02	0.3	322	0.4	31		458	15.1
12AC28 2-6T	0.7	51.7	2	1.1	108.5	0.21		<0.05	0.28	1.02	0.09	0.5	382	1.1	54.2		174	10
12AC28 30-34T	0.13	43.1	3	0.8	28.6	0.11		<0.05	0.18	0.588	<0.02	0.5	306	1	31.5		62	23.2
12AC29 21-25T	0.18	14.9	2	1.5	167.5	0.23		0.08	8.54	0.272	0.52	2.5	105	0.9	18.5		307	88.6
12AC28 70-74T	0.14	40.4	2	1	131.5	0.18		0.1	0.73	0.714	0.04	1.9	294	1.6	29.9		114	16.1
12AC33 14-18T	0.51	46.3	<1	0.8	126	0.12		<0.05	0.17	0.779	0.06	0.6	327	1.1	31		210	10.5
12AC33 40-44T	0.34	46.7	3	1.2	224	0.22		0.18	0.29	1.055	0.07	0.9	357	1.9	38.1		154	13.4
12AR01 15-19T	0.07	25	2	1.3	243	0.46		0.1	5.77	0.611	0.36	3.2	224	8.4	30		114	57.8
12AR01 4-8T	<0.05	18.6	1	2.2	166.5	0.6		0.05	9.6	0.479	0.47	2.6	127	0.7	19.4		94	74
12AR02 33-37T	<0.05	44.7	1	1.4	154.5	0.23		0.08	0.3	1.03	0.02	0.4	347	1.1	36.6		121	10.6
12AR03 56-60T	<0.05	43.4	1	1.2	171.5	0.22		<0.05	0.28	1.015	<0.02	0.2	334	1.1	36.6		102	10.4
12AR04 20.8-23.5T	<0.05	18	1	1.9	169.5	0.48		0.05	9.96	0.417	0.57	2.9	115	0.7	23.8		98	102
12AR04 26-30T	0.12	18.4	1	2.1	168	0.61		<0.05	9.12	0.472	0.55	2.5	126	0.9	20		106	62.6
12AR04 34-36T	0.37	46.5	1	1.2	171	0.24		0.1	0.27	1.015	0.09	0.6	356	1.1	37.6		118	8.4
12AR04 51-54T	0.17	46.2	1	1.1	185	0.23		0.09	0.37	0.955	0.02	0.5	309	1.5	33.7		113	10.3
12AR05 31-34T	0.62	13.2	1	1.5	168.5	0.53		<0.05	8.14	0.408	0.36	2.2	90	0.9	21.3		101	64.9
12AR05 35-39T	0.23	12.6	1	1.6	180.5	0.46		<0.05	7.66	0.397	0.37	2.4	92	1.4	19.8		85	60.5
12AR05 43-45T	0.23	19.3	1	2.2	177	0.49		0.09	8.81	0.449	0.48	2.6	134	1.2	23.8		130	87.7
12AR05 59-63T	0.19	47	2	1.2	163.5	0.21		0.07	0.31	0.981	<0.02	0.2	331	2.1	34.8		107	9
12AR05 7-8.7T	0.24	44.8	1	1	186.5	0.25		<0.05	0.43	1.055	0.09	0.3	339	1	34.1		114	12.8
12AR05 78-83T	<0.05	49.9	2	1.1	146	0.2		<0.05	0.24	0.977	<0.02	0.1	333	1.2	30.8		104	8.5
12AR06 30-33T	0.24	17.4	1	2	189	0.47		0.08	9.3	0.452	0.48	2.4	116	1	27.3		111	67.8
12AR06 30-34T	0.39	14.9	2	1.9	181.5	0.47		<0.05	9.02	0.433	0.52	2.2	102	1.4	25.2		109	56.8
12AR06 33-38T	0.12	13.2	1	1.8	193	0.51		<0.05	7.76	0.419	0.41	2	95	1.5	23.5		78	47.6
12AR06 40-44T	0.05	18.9	1	2.1	152	0.6		0.06	9.27	0.485	0.48	2.6	130	1.4	19.3		99	73.9
12AR06 50-54T	<0.05	19.9	2	0.9	120.5	0.24		0.05	4.05	0.44	0.31	2.1	166	3.1	25		78	46.3

LAB SAMPLE ID	Whole Rock ICP																	
	Sb	Sc	Se	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	V	W	Y	Yb	Zn	Zr
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
12AR06 76-78T	0.12	45.7	1	1	175	0.18		<0.05	0.21	0.849	<0.02	0.3	318	1.2	29.7		100	8.4
12BA04 12-16T	0.36	44.2	<1	0.8	146.5	0.11		<0.05	0.17	0.67	<0.02	1	308	0.5	28.1		104	16.8
12BA13 50-54T	0.49	42.1	1	0.9	123	0.1		0.07	0.2	0.704	<0.02	0.3	311	0.6	27.1		105	9.9
12BA20 79-83T	0.99	16.7	1	1.9	160	0.6		0.18	7.13	0.425	0.52	1.8	117	0.9	23.3		122	67.9
12BA20 84-87T	0.41	18.1	1	2.2	134.5	0.76		<0.05	8.25	0.488	0.46	2.4	129	1	23.5		107	78.1
12BA21 80-84T	0.53	46.9	1	0.9	193.5	0.22		<0.05	0.28	0.922	0.02	0.3	332	0.9	33		107	10
12BA23 3-7T	1.32	44.9	1	1.1	150	0.21		0.15	0.28	0.874	0.19	0.3	308	1.2	30.3		530	13.8
12BA24 10-14T	1.41	18.6	1	2.2	116	0.57		0.07	8.35	0.457	0.6	2.6	131	2.9	19.1		166	73.7
12BA29 15-19T	0.52	46.5	1	1.1	160	0.24		<0.05	0.36	0.987	0.03	0.3	357	0.9	36.3		114	11.8
12BR03 55-57.2T	0.72	42.4	1	0.9	159.5	0.17		<0.05	0.2	0.778	0.05	0.7	293	1	28.2		99	9.6
12BA05 24-28T	1	48.3	1	0.8	143.5	0.14		<0.05	0.17	0.596	0.03	0.7	304	1.2	28.6		105	11.8
12BA12 20-24T	0.32	45.2	1	1.5	121.5	0.2		0.06	0.22	0.855	0.02	0.1	315	18.2	31.7		127	7.4
1BR05 16-18T	0.26	19.5	3	1.9	154	0.39		0.17	9.6	0.382	1.1	3	147	6.1	35.1		127	70.4
1BR07 4-8T	3.16	25.2	1	1.7	106.5	0.18		0.26	6.28	0.34	0.5	1.8	158	9.9	26.4		309	43.9
12BR11 6-10T	0.09	48.3	1	1.2	191	0.28		<0.05	0.36	1.075	0.02	0.2	350	2.6	38.1		113	8.5
12BR12 24-28T	0.16	45.9	<1	1.2	171	0.27		<0.05	0.39	1.065	0.03	0.4	356	1.4	37.7		105	12.1
12MM07 10-14T	0.31	45.1	2	1.2	214	0.25		0.06	0.39	0.972	0.09	0.7	320	2.7	34.5		119	11.3
12MM07 1-5T	0.29	44.8	1	1.1	186.5	0.26		0.08	0.71	1.02	0.05	1	342	1.4	35.6		109	14.5
12MM08 39-43T	0.34	17	1	2.2	154.5	0.47		<0.05	9.34	0.432	0.56	2.9	122	2.6	27.3		106	76.8
12MM08 56-60T	0.17	16.4	4	1.6	153	0.29		0.1	8.55	0.306	0.62	6.7	209	2	47.7		198	101.5
12MM09 8-12T	0.07	20.4	2	1.8	162	0.3		0.08	5.06	0.5	0.57	2.3	203	3	23.9		129	60.9
12MM11 2-6T	0.23	43.3	1	1.3	137	0.15		0.58	0.31	0.648	0.08	0.6	291	3.9	29.8		109	8.9
12MM24 4-8T	0.19	46.6	1	1.1	189.5	0.24		0.12	0.36	0.929	0.05	1	344	0.8	41		157	9.3
12MM25 21-25T	0.11	13.6	1	1.8	154.5	0.37		0.06	6.18	0.381	0.62	2.6	126	1.2	20.2		103	76.7
12MM25 41-45T	0.1	17.7	1	2	189.5	0.3		0.09	9.45	0.354	0.64	2.9	116	1.7	27.3		115	87.6
12MM25 52-56T	0.23	17.5	1	2	150	0.32		0.06	8.94	0.375	0.64	2.9	115	1.6	26.1		99	79.8
12MM31 5-9T	0.52	17.8	1	2.1	154.5	0.32		0.09	9.57	0.349	0.65	2.9	126	2.8	28.4		112	87.3
12VR01 40-44T	0.17	47.7	1	1.2	141	0.15		0.11	0.22	0.732	0.03	0.6	293	6.9	34		114	10.6
12VR02 17-20T	0.21	46.4	1	1.2	202	0.26		<0.05	0.38	1.07	<0.02	0.5	342	1.8	38.9		158	9.1
12VR02 4-5.5T	0.66	42.7	1	1	156.5	0.2		<0.05	0.32	0.833	0.05	0.3	315	3	33.7		146	9.7
12VR02 6-10T	2.36	48.7	2	1.5	165.5	0.32		0.05	0.42	1.195	0.09	0.5	384	2	51.6		140	13.2
12VR02 63.1-65.1T	0.47	13.8	1	2.1	74.7	0.27		0.05	6.29	0.323	0.5	3	130	3.7	19.3		110	79.2
12VR02 89.7-92.8T	0.06	49.5	2	1	385	0.22		0.08	0.38	1.065	0.04	2.9	392	2.3	36		106	21.2
12VR03 105-109T	21.5	27.9	5	1.4	176	0.33		0.32	2.45	0.658	1.26	5.5	309	4	34.6		144	48.7
12VR04 2.25-3T	0.15	15.8	<1	1.5	161.5	0.27		0.05	5.86	0.318	0.49	2	127	0.6	28.6		241	56.9
12VR04 22-23.1T	0.05	16.9	1	2.1	135	0.34		0.05	8.03	0.352	0.51	2.6	125	1.1	26.1		105	91
12VR04 25-29T	<0.05	16.8	1	1.8	218	0.33		<0.05	8.97	0.358	0.55	2.3	104	1.4	26.5		102	61.4

LAB SAMPLE ID	Whole Rock ICP																	
	Sb	Sc	Se	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	V	W	Y	Yb	Zn	Zr
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
12VR04 41-44T	<0.05	15.2	2	1.3	202	0.24		<0.05	6.44	0.31	0.44	2.1	122	1.1	21.9		123	39.9
12VR04 44-48T	0.33	15.1	1	1.4	192.5	0.28		0.05	5.67	0.313	0.59	2.2	120	1.5	22.2		110	46.6
12VR05 15.2-15.7T	0.07	42	1	1.2	121	0.25		0.06	0.89	0.965	0.09	1.4	351	1.8	36.5		111	17.6
12VR05 5-7.5T	0.11	50.6	1	1.2	194	0.27		<0.05	0.45	1.065	0.02	0.2	344	1.3	38.2		113	11.2
12VR06 118-122T	0.18	18.9	1	2	170.5	0.4		0.07	8.8	0.411	0.62	2.5	134	2	22.2		106	68.7
12VR06 16.4-18.5T	1.07	10.8	1	1.2	180	0.52		<0.05	6.67	0.365	0.28	2.1	83	2	19.7		78	21.2
12VR06 23.5-25T	0.58	9.7	1	1.7	156.5	0.63		0.06	5.31	0.411	0.5	1.7	99	1.3	16.5		84	34.5
12VR06 60-64T	0.48	15.5	4	1.9	103.5	0.25		0.09	7.22	0.283	1.16	7.8	234	2.1	28.9		131	102.5
12VR07 125-129T	0.29	40.4	2	1.4	240	0.44		0.06	3.68	0.805	0.29	2.8	289	3.8	36.3		126	42.9
12VR10 10.5-15.5T	0.29	10.2	1	1.3	185.5	0.53		<0.05	6.53	0.358	0.24	1.8	74	4.1	17.1		56	32
12VR10 34.5-36T	0.54	16.3	1	1.8	150	0.61		<0.05	8.97	0.466	0.56	2.3	112	4.8	25.1		101	64.4
12VR15 82-86T	0.08	53.7	1	1.3	251	0.23		<0.05	0.32	1.095	0.14	1.3	412	3.7	41.1		140	20.3
12VR16 10-14T	1.08	16	3	1.7	164.5	0.2		0.09	8.36	0.246	0.98	6.2	167	4.8	29.1		123	97.5
12VR16 102-106T	0.49	18.4	1	2.1	162	0.56		<0.05	8.82	0.462	0.45	2.5	121	3.9	23.3		105	63.2
12VR16 5.7-6.3T	0.35	19.8	1	2	206	0.4		0.05	10.95	0.426	0.54	1.9	103	2.6	42.2		112	55.9
12VR17 18.1-18.75T	0.15	46.1	2	2.3	201	0.25		0.11	0.49	1.015	0.04	1	339	8.5	35.2		187	14.4
12VR17 28.1-29.7T	0.05	45.9	1	1	128.5	0.18		<0.05	0.36	0.926	0.04	0.2	338	2.1	32.5		106	14.3
12VR17 42-46T	0.05	45.4	2	1.3	128	0.16		0.1	0.27	0.794	0.03	0.2	343	2.4	37.4		158	7.3
12AC01 8-12	0.89	57.4	2	1.6	120	0.33	1.22	<0.05	0.3	1.15	0.09	1.19	438	1.9	42.8	4.8	213	27.8
12AC02 23.5-25.45	0.1	35.4	2	1.3	76	0.14	0.77	0.06	<0.2	0.5	0.02	0.68	306	0.2	28.6	3	585	18.8
12AC03 8-11.9	0.12	37.9	<2	1.1	123	0.24	0.94	<0.05	0.3	0.88	0.07	1.01	361	0.6	34.3	3.6	96	27.7
12AC07 7.3-10.4	0.23	29.8	16	2.4	37.4	0.06	0.8	0.47	1.1	0.12	0.22	1.82	233	12.5	27	2.8	3970	35.2
12AC11 26.1-28.1	0.41	41.1	4	0.9	45.6	0.16	0.87	0.07	0.2	0.7	0.05	0.3	362	0.1	34.3	3.4	363	18.1
12AC11 80.55-82.6	9.29	28.9	7	1.3	42.3	0.15	0.67	0.37	0.7	0.42	0.2	0.91	246	3.1	26	2.5	1219	24.4
12AC12 141.6-143.9	0.08	36.5	<2	1	67.1	0.1	0.83	0.1	0.2	0.37	0.04	0.09	315	0.4	31	3.1	330	8.1
12AC15 20-24	0.64	42.8	<2	1.2	158	0.26	0.97	<0.05	0.3	1.01	0.03	0.21	392	0.4	37.8	3.7	96	15.3
12AC16 24-28	0.36	42	<2	1.2	145	0.24	0.97	<0.05	0.3	0.97	0.07	0.26	384	0.4	37.3	3.8	89	20.3
12AC16 94-96	<0.05	39.1	2	0.5	61.7	<0.05	0.8	0.09	0.2	0.15	0.06	0.08	267	0.2	29	3	603	8.3
12AC18 4-8	0.17	63.1	3	1.6	60.8	0.39	2.35	<0.05	0.4	1.4	0.11	0.34	554	4.8	96.4	8.1	108	21.2
12AC19 8-12	0.31	43.2	<2	1.2	133	0.26	1.05	<0.05	0.3	1	<0.02	0.2	398	0.4	39.2	4	95	31.5
12AC21 35.9-37.9	<0.05	39.8	3	1.5	70.4	0.19	0.71	0.06	0.2	0.85	0.05	0.55	358	0.2	25.3	2.8	53	36.7
12AC22 36-40.6	0.5	44.5	<2	1.3	137	0.25	1.01	<0.05	0.3	0.95	0.03	0.2	387	0.4	38.3	3.8	94	22.7
12AC22 4-8	0.26	46	2	1.4	181	0.31	1.14	<0.05	0.3	1.12	0.03	0.71	435	0.6	42.3	4.1	101	21.4
12AC23 24-28	1.42	43.7	<2	1.4	154	0.28	1.1	<0.05	0.3	1.1	0.04	0.21	418	0.4	41.8	4	100	18.9
12AC25 24-28	0.54	39.8	<2	1.2	156	0.24	0.95	<0.05	0.3	0.91	0.03	0.18	361	0.4	35.9	3.6	82	16.5
12AC25 36-39.7	1.35	43.9	<2	1.2	148	0.25	0.98	0.06	0.3	0.89	0.06	0.18	370	1.5	36.8	3.7	88	17.1
12AC25 53.7-55.7	0.1	41	3	1.1	77.3	0.18	0.83	0.08	<0.2	0.79	0.07	0.37	355	0.2	29.7	3	146	25.9

LAB SAMPLE ID	Whole Rock ICP																	
	Sb	Sc	Se	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	V	W	Y	Yb	Zn	Zr
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
12AC25 8-12	0.2	43.6	<2	1.4	142	0.29	1.11	<0.05	0.3	1.03	0.04	0.31	412	0.7	41.2	4.2	91	19.5
12AC27 15.5-17.7	0.07	37.5	3	0.9	24	0.12	0.78	<0.05	<0.2	0.58	<0.02	0.71	322	0.2	27.4	2.9	62	33.9
12AC27 21.9-24	0.06	41.2	3	0.9	28.3	0.12	0.85	<0.05	<0.2	0.46	<0.02	0.56	330	0.1	33.3	3.5	45	28.4
12AC33 4-8.15	0.11	44.6	<2	1.2	135	0.24	0.91	<0.05	0.2	0.96	0.02	0.2	370	0.3	36.3	3.7	88	13.5
12AC34 30.05-32.25	<0.05	36.3	4	1.2	37.8	0.18	0.85	0.06	0.3	0.73	0.02	0.62	335	0.1	30.1	3.2	113	33.4
12AC34 8-11.4	0.1	45.7	<2	1.2	130	0.23	0.98	<0.05	0.2	0.95	<0.02	0.19	375	0.2	37.5	3.7	95	13.3
12AR01 33.45-38	0.2	43.8	<2	1.1	177	0.25	0.93	<0.05	0.3	0.91	0.06	0.24	354	3.8	35.2	3.3	84	21.7
12AR01 48.15-52	0.07	40.2	<2	1	150	0.19	0.73	<0.05	0.2	0.72	0.02	0.4	296	1.2	27.1	3	79	14.6
12AR01 65.15-67.05	0.07	39.1	<2	1.8	115	0.21	0.81	<0.05	0.2	0.75	0.22	0.22	321	0.9	30.2	3.3	333	13.9
12AR03 14.2-16.45	0.21	24.7	5	1.7	166	0.39	1.09	<0.05	5	0.52	0.74	5.89	313	0.4	40.8	3.6	151	67.1
12AR03 39-43.3	0.08	40.6	<2	1.5	175	0.31	0.97	<0.05	0.4	0.97	0.02	0.27	361	2	35.8	3.6	117	26.7
12AR04 0-4	<0.05	16.7	<2	1.8	171	0.48	0.73	<0.05	7.5	0.35	0.46	2.07	121	0.7	21.7	2.3	79	50.8
12AR04 16-20	<0.05	20.3	<2	2.3	152	0.6	0.73	<0.05	8.5	0.41	0.53	2.48	144	0.7	20	2	81	71.3
12AR04 43.2-49.15	0.81	46.4	2	1.2	167	0.28	0.93	<0.05	0.3	0.98	0.06	0.29	392	1	36.9	3.6	94	16.4
12AR04 79-82.8	<0.05	43.2	<2	1	140	0.21	0.85	<0.05	0.2	0.81	<0.02	0.31	341	0.8	30.7	3.2	80	15
12AR05 46-50	0.12	20.1	<2	2.3	161	0.58	0.81	<0.05	8.7	0.41	0.47	2.5	142	0.7	21.5	2.1	85	61.4
12AR05 70-74	0.24	46.7	<2	1.2	175	0.3	0.98	<0.05	0.3	0.94	0.03	0.36	368	1.2	36.6	3.7	87	19.8
12AR05 86-90	0.4	46.8	<2	1.6	121	0.22	0.86	<0.05	0.2	0.84	<0.02	0.26	360	0.8	32.8	3.4	102	22.2
12AR06 47.95-49.2	0.07	47.1	3	1.6	165	0.31	1.06	0.05	0.4	1.03	0.18	1.86	479	2.3	39.7	4.1	108	25.2
12AR06 55-59	<0.05	41.7	<2	1.2	172	0.24	0.87	<0.05	0.3	0.86	<0.02	0.26	345	84.8	32.7	3.4	82	18.7
12AR06 67-71	0.05	44.1	<2	1.2	170	0.3	0.97	<0.05	0.4	0.95	0.04	0.28	358	0.5	34.5	3.6	84	18.7
12AR06 89.4-94.7	0.06	47.5	<2	1.1	158	0.21	0.82	<0.05	0.2	0.82	0.02	0.22	335	0.8	30.1	3.1	77	12.8
12BA01 20.75-22.75	0.09	39.9	2	0.9	70.5	0.09	0.82	0.05	0.7	0.24	0.05	1.39	298	0.5	31.5	3.3	901	38.5
12BA04 16-20.25	0.37	45.8	<2	0.8	157	0.13	0.76	0.09	<0.2	0.5	0.03	0.73	320	0.2	28.3	3	66	18.5
12BA04 4-8	0.47	47.3	<2	1.2	160	0.24	1.01	<0.05	0.3	0.95	<0.02	0.25	372	0.3	37.4	3.8	85	24.2
12BA04 76.3-78.3	4.16	41.4	4	0.7	51.5	0.13	0.6	0.08	0.3	0.52	0.13	0.47	328	0.4	18.2	2	521	24.5
12BA05 20-24	0.69	48.2	<2	1.3	147	0.21	0.92	<0.05	0.2	0.84	0.04	0.48	363	0.5	35.4	3.6	91	15.6
12BA05 8-12	1.03	44.6	<2	1.1	152	0.24	0.95	<0.05	0.2	0.9	0.02	0.17	364	0.5	36.7	3.6	101	14.5
12BA07 19-23	0.42	45	<2	1.2	162	0.27	1.02	<0.05	0.3	0.96	0.03	0.21	379	0.6	38.6	4	86	20.1
12BA07 31-33.5	0.27	48.2	<2	0.9	147	0.16	0.77	<0.05	<0.2	0.66	0.02	0.58	318	0.2	30.2	3	75	10.1
12BA08 18.85-20.7	0.45	44	4	0.6	62.2	0.13	0.66	0.06	<0.2	0.55	0.29	0.32	306	0.2	23	2.5	924	13.3
12BA12 52-54.5	0.25	34.8	4	0.8	45.5	<0.05	0.47	0.16	<0.2	0.22	0.05	0.39	213	0.6	18.8	1.9	515	15.5
12BA13 32.25-34.6	<0.05	37.2	5	0.8	22.2	0.11	0.73	0.08	0.4	0.44	0.03	0.64	262	0.2	27	2.8	228	22.4
12BA15 34.4-36.4	0.07	38.2	4	0.8	24.3	0.12	0.76	0.09	0.2	0.48	0.08	0.24	275	0.1	27	2.8	106	11.2
12BA19 11.4-13.4	2.49	50.9	3	1.2	68.2	0.18	0.97	<0.05	0.2	0.79	0.07	0.26	373	0.1	37.7	3.8	351	13
12BA19 180.8-182.8	0.13	43.8	2	1.1	81.9	0.15	0.79	0.09	0.4	0.52	0.14	0.85	297	0.7	31.1	3.2	951	30.2
12BA20 27.6-29.8	0.31	45.4	5	0.7	19.5	0.12	0.81	0.08	<0.2	0.57	0.06	0.51	302	0.2	30.7	3.1	217	25.8

LAB SAMPLE ID	Whole Rock ICP																	
	Sb	Sc	Se	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	V	W	Y	Yb	Zn	Zr
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
12BA20 45.75-47.7	0.52	44	4	0.7	33.9	0.13	0.91	0.11	0.2	0.56	0.05	0.33	321	0.2	33.6	3.5	655	18.2
12BA20 95.2-97.3	6.5	17.1	<2	1.9	103	0.65	0.86	<0.05	7.2	0.36	0.65	2.29	120	0.9	27.6	2.5	102	68.4
12BA24 16-20	0.66	20.2	<2	2.3	162	0.75	0.86	<0.05	10.2	0.44	0.59	2.82	143	0.8	19.7	2	82	66.1
12BA24 40-44	0.38	22.4	<2	2.8	157	0.64	0.89	<0.05	9.7	0.44	0.62	2.8	150	0.6	22.1	2.2	88	72.9
12BA24 60-64	0.78	23.6	<2	2.7	180	0.9	0.91	<0.05	11.1	0.47	0.69	2.9	159	1.4	23.6	2.4	107	76.8
12BA26 12.7-14.5	0.26	47.8	4	0.8	50.5	0.12	0.86	<0.05	0.2	0.5	0.04	0.33	324	0.1	32.1	3.3	512	17.5
12BA28 16.65-18.7	0.13	51.5	4	1.5	20.6	0.21	1.01	0.07	0.3	0.83	0.05	0.66	382	0.2	38.3	4	138	30.8
12BA32 5.2-7.4	<0.05	41.9	3	0.9	35.2	0.12	0.93	0.05	0.4	0.44	0.04	0.42	308	0.2	34.2	3.7	441	19.2
12BA33 27.15-29.35	<0.05	35.7	4	0.6	29.2	0.06	0.67	0.11	0.7	0.21	0.05	1.04	235	<0.1	24	2.6	229	20
12BR03 57.2-59.2	0.53	49.3	<2	0.9	128	0.15	0.9	<0.05	0.2	0.54	0.05	0.8	332	0.5	34.3	3.6	96	25.1
12BR05 40.95-42.9	0.11	22.3	<2	1.9	139	0.28	1.03	0.06	10.2	0.27	0.81	2.83	144	4.9	29.3	3	99	83.5
12BR06 21.2-22.75	0.13	40	<2	1.3	93.8	0.05	0.54	0.38	<0.2	0.3	0.22	0.37	199	28.2	19.8	2.1	434	12.9
12BR07 29.15-31.25	0.1	21.5	<2	2.3	127	0.45	0.96	<0.05	10.1	0.35	0.56	2.99	141	0.8	27.4	3	96	91.3
12BR11 11.05-13.25	0.15	48.8	<2	1.3	143	0.28	1.07	<0.05	0.3	0.98	<0.02	0.28	383	0.9	41.7	4.3	100	19.4
12BR11 45.15-47.25	0.53	20.3	2	1.7	144	0.28	0.95	0.73	10.3	0.26	0.81	4.18	174	6.7	24.2	2.2	104	89.5
12BR12 38.5-40.5	0.05	39.9	5	0.7	44.2	0.11	0.74	0.24	0.8	0.36	0.14	1.93	264	0.4	28.6	2.9	112	29.1
12MM04 31.2-33.35	0.21	52	<2	1.3	136	0.28	1.18	<0.05	0.3	1.02	0.03	0.23	401	0.3	44	4.6	93	13.9
12MM05 24.3-26.3	0.8	50.1	<2	1.5	142	0.31	1.24	<0.05	0.4	1.09	0.02	0.24	399	0.7	47.4	4.7	100	20.8
12MM06 7.5-8.6	0.13	34	4	1.8	160	0.23	0.8	0.35	0.3	0.73	0.08	0.56	257	4.2	28.3	2.9	157	18.8
12MM07 23.8-25.95	1.37	36.4	<2	1.1	176	0.34	0.81	0.1	1.1	0.72	0.13	1.61	313	1.2	29.7	3	84	25.6
12MM08 12.85-15.05	0.17	43.7	<2	1.9	185	0.28	0.92	0.11	0.3	0.86	0.06	0.9	375	68.4	32.9	3.5	100	18.7
12MM08 135.25-137.3	0.1	19.1	<2	1.9	236	0.46	1.02	0.14	10.4	0.37	0.66	2.46	128	0.5	30.2	3	96	52.1
12MM08 72.3-74.45	0.28	47.5	<2	1.1	158	0.25	0.9	0.06	0.2	0.88	0.04	0.5	379	1.6	36.2	3.4	87	22.2
12MM09 120.15-122.35	0.07	39.9	7	0.9	59.8	0.15	0.93	0.37	0.4	0.44	0.17	0.22	331	0.7	34.2	3.4	929	13.2
12MM09 94.05-96.1	<0.05	41.8	<2	1	176	0.26	0.86	0.08	0.7	0.8	0.07	1.53	334	1.2	33.6	3.4	97	26
12MM10 55-57	<0.05	18.5	<2	1.8	184	0.24	0.92	0.06	9	0.28	0.62	2.78	142	0.9	28.8	2.8	96	65.7
12MM11 83.65-85.85	<0.05	16.7	6	1.8	186	0.22	1.21	0.46	8.3	0.23	1.29	12.58	350	2.3	48.1	3.8	245	156
12MM13 48.45-50.5	0.76	45.8	<2	2.1	157	0.29	1.16	<0.05	0.6	1.1	0.07	0.38	404	1.2	42.5	4.4	119	21.1
12MM13 83.45-85.2	1.44	15.6	3	2.3	102	0.31	0.81	0.22	7.7	0.23	0.78	3.07	145	0.8	22	2.3	1444	107
12MM15 58.1-59.9	0.06	34	8	0.9	31.8	0.1	0.8	0.27	0.2	0.36	0.14	0.16	271	0.2	29.3	3.1	523	9.9
12MM16 56.4-58.45	0.26	17.7	<2	1.6	164	0.25	0.79	<0.05	7.8	0.26	0.46	2.44	128	0.7	20.9	2.1	91	68.5
12MM17 22.7-24.7	10.01	42.9	3	0.7	183	0.07	0.51	<0.05	<0.2	0.45	0.13	0.21	229	0.3	19.4	1.8	96	7.4
12MM17 94-96.1	0.11	19.4	<2	1.9	265	0.41	1.06	<0.05	10.8	0.39	0.6	2.61	125	0.5	30.1	2.8	94	59.3
12MM19 73-75.1	29.28	12	10	2.2	122	0.34	0.81	0.18	7.5	0.23	1.24	4.35	173	4.2	23.9	2.2	2567	82.3
12MM19 91.5-93.7	0.1	19.1	<2	2	236	0.41	0.98	<0.05	10.9	0.4	0.57	2.24	125	0.4	28.6	2.7	89	55.7
12MM22 111.5-113.7	0.16	40.4	4	0.9	71.8	0.11	0.83	0.12	0.2	0.34	0.1	0.11	310	0.1	30.4	3	791	9.5
12MM23 101.5-103.7	0.14	19.2	<2	2.1	205	0.5	1.02	<0.05	10.3	0.36	0.87	2.75	127	0.7	31.6	3	91	64.5

LAB SAMPLE ID	Whole Rock ICP																	
	Sb	Sc	Se	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	V	W	Y	Yb	Zn	Zr
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
12MM23 7.4-9.3	8.87	18.5	<2	2	127	0.24	0.66	0.17	8.5	0.21	0.9	2.59	134	1.2	14.4	1.3	144	92.5
12MM24 68.1-70	<0.05	41.3	4	1.2	73.9	0.08	0.92	0.28	0.3	0.27	0.06	0.21	312	1.4	33	3.2	598	12.3
12MM25 98.15-100.2	<0.05	19.3	<2	2	114	0.21	0.88	0.08	8.5	0.23	0.86	3.82	156	1.3	29.5	2.9	90	84.1
12MM26 16-20	6.86	45.7	<2	1.3	191	0.31	1.03	<0.05	0.4	1.03	0.03	0.2	390	0.6	38.4	3.7	93	23
12MM26 24-28	4.48	42.9	<2	1	174	0.24	0.94	<0.05	0.3	0.87	0.07	0.2	355	1.1	31.7	3.2	88	13.8
12MM26 40-44	<0.05	46.8	<2	1.1	151	0.2	0.91	<0.05	0.2	0.91	0.02	0.16	375	0.4	35.4	3.5	86	13.4
12MM26 52-55.6	0.13	48.3	<2	1.2	131	0.27	1.11	<0.05	0.3	1.08	0.03	0.21	394	0.4	42	4	92	23.7
12MM26 7.5-12	8.46	49	<2	1.2	180	0.34	1.01	<0.05	0.4	1.05	0.04	0.2	367	0.6	37.1	3.8	89	23.4
12MM28 28.35-30.4	0.59	47.3	<2	1	141	0.24	0.91	0.08	0.2	0.78	0.09	0.72	329	1.2	32.6	3.3	171	18.5
12MM29 12-16	0.2	21.1	<2	2.2	166	0.54	0.8	0.05	10.1	0.39	0.69	2.97	152	0.8	16.9	1.6	94	92.3
12MM29 64-66	0.22	19.1	<2	1.7	178	0.4	0.82	2.02	10	0.32	0.55	2.89	129	0.8	22.6	2.1	86	87.2
12MM31 29.5-31.1	1.07	37.3	14	0.6	29	0.12	0.58	0.4	0.2	0.41	0.12	0.11	279	0.5	19.4	1.9	1121	8
12MM33 127.55-129.75	0.08	16.7	7	1.3	134	0.2	1.07	0.42	7.9	0.24	1.39	9.52	303	1.9	36.5	3	649	145
12MM33 31.75-33.7	0.11	44.2	<2	1.4	141	0.17	1.03	0.09	0.3	0.69	0.24	0.4	371	1.4	37.5	3.9	147	31.7
12MM36 35.9-38.05	1.85	40.2	3	2.6	193	0.62	1.24	<0.05	1	1.19	0.13	0.9	327	1.7	44.2	4.2	135	32.1
12MM36 84.65-86.15	<0.05	8.9	9	5.5	38.3	0.18	0.99	<0.05	5.4	0.17	1.8	6.79	265	3.1	26.3	2.2	1810	120
12MM38 80.6-82.8	0.4	41	9	1.2	62.4	0.11	0.82	0.37	0.8	0.32	1.29	0.72	304	3	28	2.8	400	16.1
12VR01 47-50.4	0.45	51.3	4	1.4	242	0.28	1.03	0.21	0.3	0.99	0.15	1.19	463	1.8	37.7	3.7	104	20.3
12VR02 12-16	0.32	47.9	<2	1.4	179	0.34	1.07	0.09	0.4	1	0.03	0.29	379	1.3	38.1	3.9	152	22.9
12VR02 123.3-125.3	0.24	40.4	<2	0.7	62	0.11	0.78	<0.05	<0.2	0.38	0.09	0.07	262	0.4	29.7	3	801	9.2
12VR02 38-42	<0.05	18.9	7	1.9	159	0.28	1.29	0.15	9.1	0.29	1.15	10.35	307	2.5	48.4	4	201	124
12VR02 66-70	0.38	20.8	<2	2	143	0.31	0.84	0.07	8.8	0.32	0.62	3.48	156	1.1	26.9	2.7	93	74.5
12VR02 82.55-87	0.41	44.9	2	2.2	195	0.4	1.08	0.12	1.1	0.99	0.17	1.49	383	2.6	41	4.1	108	25
12VR03 140.2-142.35	2.03	27.5	3	0.9	3.8	<0.05	0.45	0.1	<0.2	0.18	0.16	0.21	174	0.3	15.4	1.8	362	10.7
12VR03 41-45	0.6	19.8	<2	2.2	154	0.65	0.81	<0.05	9.3	0.43	0.77	2.41	142	0.8	21.4	2.1	91	74
12VR03 57-61	0.37	19.4	<2	2	153	0.42	0.82	<0.05	8.3	0.37	0.66	2.18	136	0.7	23.4	3.3	84	59.6
12VR04 132-136	4.3	19.9	<2	2	155	0.6	0.83	0.08	9.2	0.34	0.87	3.1	142	0.9	22.4	2.3	89	78.3
12VR04 148-150.15	0.87	28	<2	2.1	206	0.61	0.93	<0.05	6.4	0.6	0.44	2.01	217	1.7	29.8	2.9	94	48.5
12VR04 32-36	0.44	24.1	<2	1.9	183	0.55	0.95	<0.05	8.3	0.48	0.49	3.06	193	0.9	31.1	3	98	69.9
12VR04 8-12	0.17	18.2	<2	1.6	175	0.41	0.85	0.06	7.4	0.34	0.57	2.47	144	0.4	27.4	2.8	96	50.6
12VR04 84-88	0.56	18.3	4	1.9	168	0.31	1.02	0.07	9.9	0.28	0.91	4.8	169	1.6	33.3	3.1	126	76.4
12VR05 0-4	0.24	48.6	<2	1.1	154	0.19	0.99	<0.05	0.4	0.9	0.04	0.38	358	0.7	37	3.6	118	21.9
12VR05 33.2-35.4	1.18	32.1	10	0.6	28.2	0.14	0.65	0.21	<0.2	0.55	0.14	0.15	251	0.4	23.1	2.6	324	9.3
12VR06 166.1-168.2	<0.05	39.1	9	0.8	25.4	0.17	0.78	0.13	0.2	0.72	0.05	0.08	301	0.3	28.5	3	159	12.3
12VR06 195.6-197.8	0.06	43.6	<2	1	136	0.22	0.83	<0.05	0.2	0.79	0.06	0.2	325	1.7	30.4	3.2	85	15
12VR06 46-48.35	0.14	20.1	<2	2	181	0.37	0.97	<0.05	9.8	0.34	0.68	3.24	149	0.7	30.7	3.1	100	76.2
12VR06 4-8	0.93	18.3	2	1.5	136	0.35	0.84	0.05	7.4	0.29	0.54	3.65	163	0.9	24.2	2.3	98	55.3

LAB SAMPLE ID	Whole Rock ICP																	
	Sb	Sc	Se	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	V	W	Y	Yb	Zn	Zr
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
12VR06 83-87	0.14	20.3	<2	2.1	180	0.46	0.86	<0.05	8.8	0.39	0.6	2.33	142	0.5	24.5	2.4	88	72.3
12VR08 106.4-108.55	1.03	45.8	2	2	220	0.32	1.07	0.15	0.5	1.03	0.29	0.62	373	2.4	40.6	3.8	140	20.6
12VR08 22-26.3	2.41	45.7	<2	1.3	198	0.32	1.02	<0.05	0.4	1.03	0.07	0.45	355	1.7	36.8	3.7	85	21.3
12VR08 231.8-233.9	0.33	42.9	2	1.7	115	0.22	0.89	0.22	0.3	0.84	0.22	0.39	326	3.7	30.2	3.3	139	14
12VR08 59-63.7	0.23	17.4	<2	1.9	169	0.32	0.96	0.07	9.4	0.28	0.61	2.6	134	0.9	30.2	3	94	61.6
12VR10 16-20	1.92	14.5	2	1.3	138	0.67	0.65	0.1	8.4	0.36	0.33	1.91	105	1.3	17.2	1.8	193	45.8
12VR10 208.3-210.45	11.49	44.9	3	0.9	121	0.21	0.92	<0.05	0.2	0.84	0.51	0.18	342	0.3	34.4	3.6	89	22.5
12VR10 40-44	0.29	19.3	<2	2.2	172	0.58	0.83	0.32	8.8	0.44	0.54	2.4	149	0.8	22.1	2.1	92	56.6
12VR10 72-77.15	0.68	40.5	2	1.8	282	0.65	1.29	<0.05	1.4	1.18	0.15	1.03	338	1.6	45.4	4.3	89	28.2
12VR12 104-108	<0.05	20.3	<2	2.3	146	0.68	0.74	<0.05	9.2	0.43	0.61	2.48	153	0.7	17.9	2	85	74.6
12VR12 132-136	0.3	15	<2	1.7	194	0.57	0.71	<0.05	7.5	0.37	0.4	2	106	0.7	22.8	2.4	74	53.2
12VR12 24-28	0.7	22.2	<2	2.7	95	0.69	1.07	<0.05	9.9	0.43	0.72	2.86	164	1	31.3	3	94	90.8
12VR12 68-72	0.65	20.1	<2	2.1	180	0.55	0.84	<0.05	9.5	0.38	0.64	2.48	139	0.7	24.4	2.5	99	77.1
12VR15 53-57	0.8	18.4	<2	1.9	162	0.45	0.81	<0.05	8.6	0.32	0.57	2.3	127	1	22.3	2.2	121	63
12VR15 9-13	1.6	22.7	3	2.3	29.1	0.37	1.7	0.1	10.9	0.31	1.12	6.26	256	3.3	61.8	4.9	108	92.8
12VR16 136-140	0.21	13.4	<2	1.4	187	0.28	0.65	0.07	6.9	0.24	0.38	1.94	95	0.9	19	1.9	71	55.1
12VR16 51.8-56	0.09	18.7	<2	2	186	0.39	0.86	<0.05	8.9	0.35	0.57	2.41	132	0.5	23.5	2.3	85	66.2
12VR16 96-100	0.1	19.6	<2	2.2	166	0.54	0.86	<0.05	9.3	0.41	0.58	2.51	145	0.5	22.4	2.2	90	71.5
12VR17 19-23	0.15	41.2	2	1.9	181	0.3	0.95	0.1	0.4	0.93	0.02	0.64	345	9.8	36.1	3.6	174	17
12VR17 48.15-50	0.07	38.3	<2	1.1	107	0.27	1	<0.05	0.3	0.98	0.05	0.16	370	0.4	37.8	3.7	101	20.1
DAR19 32-36	0.2	15.6	<2	1.8	189	0.58	0.77	<0.05	8.1	0.38	0.45	2.16	119	0.9	23.5	2.2	89	57.2
DAR19 44-50	0.11	16.5	<2	2.3	153	0.45	0.83	0.06	9.2	0.41	0.54	2.51	135	0.7	21.9	2.1	85	70.8
GTAC2 12-16	0.06	42.8	<2	1.3	145	0.3	1.09	<0.05	0.3	1.04	0.03	0.49	410	0.7	41.4	4.1	98	22.4
GTAC2 28-32	<0.05	39.3	<2	1.1	154	0.27	1.02	<0.05	0.3	0.99	0.03	0.18	374	0.3	39	3.9	92	19.1
GTAC2 44-48	0.11	39.5	<2	1.1	134	0.24	0.99	<0.05	0.3	0.96	<0.02	0.22	364	0.3	37.5	3.7	90	20
GTMM2 58-62	0.76	15.2	<2	1.7	163	0.43	0.85	<0.05	8.5	0.34	0.56	2.67	125	0.7	26	2.5	87	71.2
GTVR2 32-36	0.23	18.8	<2	2.3	152	0.5	0.91	<0.05	9.1	0.36	0.63	2.55	143	0.8	27.3	2.8	98	69.6
GTVR2 96-100	0.21	24.1	3	1.8	161	0.38	1.07	0.13	6.1	0.51	0.73	4.89	261	1.1	40.5	3.8	132	72
GTVR3 120-124	0.17	16.8	<2	2.3	146	0.82	0.63	<0.05	9	0.41	0.55	2.08	138	0.8	10.9	0.9	94	58.3
GTVR3 136-140	0.51	18.3	<2	2.4	124	0.85	0.69	<0.05	9.3	0.45	0.6	2.33	152	0.6	11.7	1	88	59.3
GTVR3 184-188	0.43	17.5	<2	2.2	151	0.49	0.74	0.24	8.7	0.36	0.56	2.46	145	0.8	18.7	1.6	113	66.3
GTVR3 216-220	0.17	17.7	<2	2.2	155	0.51	0.77	0.16	9.1	0.35	0.64	2.41	141	0.5	18.9	1.7	91	59.3
GTVR3 232-236	<0.05	17.9	<2	2.1	158	0.47	0.79	0.08	9	0.38	0.66	2.3	141	0.4	20.4	2	85	55.2
GTVR3 24-28	0.26	18.9	<2	2.3	119	0.61	0.83	<0.05	9.1	0.43	0.62	2.48	134	0.3	21	2.1	93	62.2
GTVR3 264-267.2	0.11	17	<2	2.3	157	0.73	0.71	<0.05	8.7	0.36	0.62	2.16	120	0.9	15.3	1.8	94	73
GTVR3 56-60	0.22	18	<2	2.5	160	0.82	0.81	<0.05	8.9	0.48	0.54	2.76	139	0.7	17.7	1.9	126	84.1
GTVR3 88-92	0.91	16.6	<2	2.4	135	0.63	0.78	<0.05	9.2	0.43	0.8	2.35	124	0.6	17.4	1.7	105	62.9

LAB SAMPLE ID	Whole Rock ICP																	
	Sb	Sc	Se	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	V	W	Y	Yb	Zn	Zr
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
IAR02 24-28	0.14	17.2	<2	2.7	171	0.77	0.88	<0.05	8.5	0.49	0.62	2.63	143	3.3	23.2	2.5	115	60.7
IAR02 40-44	0.13	30.6	<2	1.3	222	0.34	0.89	<0.05	2.7	0.8	0.29	1.19	285	5.2	32	3.3	96	27.9
IAR02 56-60	0.31	37.1	<2	1.5	188	0.29	1.02	0.07	0.3	1.02	0.09	0.43	360	14.1	35.4	4	159	11.1
IAR02 72-76	0.22	35	<2	1.2	177	0.25	0.95	<0.05	0.4	0.91	0.03	0.56	352	3.7	33	3.6	91	20.9
IAR02 8-12	0.3	17.4	<2	2.7	186	0.8	0.98	<0.05	9.7	0.49	0.62	2.98	147	4	24.2	2.6	107	72.6
IAR02 88-92	0.34	35.1	<2	1	160	0.21	0.79	<0.05	0.3	0.73	<0.02	0.23	310	2.7	27.1	2.9	87	9.2
IAR03 16-20	<0.05	16.5	<2	2.4	176	0.62	0.86	<0.05	9.2	0.44	0.56	2.54	126	3.9	19.6	2	94	60.7
IAR03 32-36	0.05	27.6	3	1.4	236	0.28	1.23	<0.05	4.3	0.66	0.61	5.21	356	5.4	41.8	4	151	69.7
IAR03 48-52	0.11	39.4	<2	1.2	161	0.25	0.93	<0.05	0.3	0.95	0.03	0.25	357	8.2	34.9	3.6	108	20.9
IAR03 64-68	0.12	38.2	<2	1.6	145	0.25	0.94	<0.05	0.3	0.95	0.02	0.19	376	37.3	35.5	3.8	134	18.7
IAR03 80-84	0.26	37	<2	1.5	191	0.24	0.9	<0.05	0.3	0.88	<0.02	0.3	349	33.9	32.1	3.5	123	17.5
IAR04 16-20	<0.05	18.1	<2	2.4	172	0.62	0.73	<0.05	9	0.45	0.58	2.29	135	3.1	16.3	1.6	93	49.7
IAR04 74-78	0.15	38	<2	1.2	146	0.23	0.84	<0.05	0.3	0.88	0.03	0.57	374	5.6	32.1	3.3	116	14.3
IAR04 90-94	0.13	37.4	<2	1.3	172	0.3	0.97	<0.05	0.5	0.98	0.04	0.36	326	9.2	34.8	3.6	98	17.6
IAR05 26-30	0.05	37.9	<2	1.4	140	0.24	0.94	<0.05	0.3	0.96	0.02	0.53	371	27.3	35.4	3.7	118	18.3
IAR05 42-46	0.06	37.2	<2	1.3	164	0.27	1.02	<0.05	0.3	1	0.02	0.4	375	7.7	36.5	3.8	99	17.4
IAR05 8-12	0.1	36	<2	1.1	168	0.22	0.84	<0.05	0.3	0.8	0.02	0.23	317	6.3	29.3	3.1	85	13.7
IAR07 20-24	0.17	36.2	<2	1.2	164	0.26	0.96	<0.05	0.3	0.93	0.03	0.27	356	6.8	35.2	3.7	91	16.6
IAR07 32-38	0.07	34.6	<2	1.1	149	0.28	0.91	<0.05	0.5	0.88	0.03	0.83	353	8	33.2	3.6	92	19.4
IAR07 4-8	0.21	38.4	<2	1.3	170	0.27	0.92	<0.05	0.6	0.92	0.05	0.44	362	10.7	34	3.5	106	15.3
IAR08 42-46	0.13	12.3	<2	1.6	231	0.57	0.7	<0.05	7.7	0.38	0.38	2	87	3.7	20	2.1	72	43.8
IAR08 54-58	0.39	17.9	<2	2.1	176	0.54	0.73	<0.05	8.7	0.41	0.58	2.38	130	4.1	18.2	1.7	88	51.7
IAR09 38-42	0.16	26.6	2	1.8	191	0.35	1.02	<0.05	4.9	0.64	0.51	3.34	293	6.3	35	3.3	124	53.8
IAR09 54-58	0.15	40.4	<2	1.1	155	0.22	0.84	<0.05	0.3	0.83	0.05	0.33	354	10.5	30.7	3.2	93	23.7
IAR10 18-22	2.38	16.8	<2	2.2	94.7	0.62	0.75	<0.05	8.5	0.39	0.46	2.36	126	1.2	19.1	1.9	109	60
IAR10 28-32	2.2	36.7	<2	1.9	149	0.24	0.92	<0.05	0.5	0.9	0.24	0.41	319	2.1	33.3	3.5	125	19.9
IAR11 30-34	0.58	35	<2	1.7	196	0.27	0.96	<0.05	1.8	0.83	0.2	0.91	321	4	32.4	3.4	118	28.8
IAR11 48-52	7.13	26.8	<2	1	137	0.14	0.64	<0.05	<0.2	0.58	0.52	0.25	224	5	22.1	2.4	91	10.1
IAR12 12-16	0.19	17.4	<2	2.5	93.2	0.74	1.24	<0.05	9.1	0.46	0.65	3.03	143	1.3	33.2	3.9	116	85.8
IAR12 32-36	0.27	14.3	<2	1.8	183	0.57	0.78	<0.05	8.3	0.37	0.37	2.22	95	1.2	23.1	2.2	88	51.6
IAR12 44-48	0.11	22.7	<2	1.6	203	0.5	0.91	<0.05	6.4	0.54	0.7	3.22	228	3.9	29	2.8	129	62.5
IAR13 22-26	0.35	16.8	<2	2.1	149	0.6	0.75	<0.05	8.8	0.41	0.53	2.49	123	1.3	17.8	1.7	96	62.7
IAR14 10-12	0.09	14.8	<2	2.5	136	0.63	0.77	<0.05	6.7	0.42	0.73	2.87	142	6.6	17.7	2.1	117	86.4
IAR14 22-26	0.18	14.9	<2	2	193	0.5	0.8	<0.05	8.6	0.38	0.48	2.35	111	1.4	23.5	2.4	89	63.6
IAR14 38-42	<0.05	17.9	<2	2.3	170	0.62	0.8	0.81	9.2	0.43	0.58	2.41	127	1.5	19	1.8	89	64.8
IAR14 59-64	0.07	37.9	<2	1.4	183	0.28	1.01	<0.05	0.8	0.99	0.13	0.84	347	1.3	36.6	3.8	115	25
IAR14 72-76	<0.05	34.2	<2	1.1	172	0.21	0.89	<0.05	0.3	0.85	<0.02	0.38	308	2.3	31.7	3.4	89	18.3

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	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
JAR14 88-92	0.05	38.4	<2	1.4	141	0.23	0.84	<0.05	0.4	0.81	0.03	0.32	337	0.9	30.2	3.2	132	15.8
IBA14 22-26	0.6	36.5	<2	1.1	167	0.24	1	<0.05	0.3	0.99	<0.02	0.4	377	1.4	36.9	4	100	18
IBA14 2-6	0.51	38.8	<2	0.9	147	0.16	1.01	<0.05	<0.2	0.76	0.04	0.78	335	4.6	37.2	3.9	99	11.9
IBA22 26-30	2.46	34.3	<2	1.2	192	0.26	1.03	<0.05	0.5	0.96	0.13	0.24	330	2.3	36.7	3.8	88	16
IBA22 6-10	1.01	14.1	<2	2.2	45.6	0.53	1.12	<0.05	8.5	0.43	0.48	2.41	122	3	33.9	3.6	127	69.2
IVR01 20-24	0.17	40.1	<2	1.3	191	0.26	1.09	<0.05	0.4	0.99	0.03	0.62	357	1.7	38.6	4.2	119	19.7
IVR03 4-8	0.33	35.7	<2	1.3	168	0.27	0.94	<0.05	0.3	0.97	0.03	0.22	355	3.7	33.7	3.5	107	16.2
IVR06 10-14	0.74	10.6	<2	1.6	173	0.59	0.7	<0.05	6.9	0.34	0.43	2.04	87	1.9	18.3	2	75	35.9
IVR08 132-136	0.17	16.7	<2	2.2	167	0.31	0.88	<0.05	9.4	0.34	0.6	2.54	123	0.6	23.4	2.5	100	59.6
IVR08 54-60	3.13	26.6	3	1.9	193	0.58	1.15	0.09	4.4	0.83	0.57	3.95	283	2.5	38.3	3.7	133	60.6
IVR08 72-76	0.87	15.1	<2	1.9	175	0.39	0.88	<0.05	8.1	0.3	0.9	2.61	118	1.1	29.3	2.8	103	36.5
IVR09 52-56	0.14	16.4	<2	2.1	189	0.45	0.85	0.06	8.4	0.33	0.7	2.38	122	1.7	21.3	2.2	100	60.1
IVR09 84-88	<0.05	16.1	7	1.6	190	0.5	1.63	0.23	6.1	0.43	0.82	13.92	480	4.9	68.5	5.4	282	155
IVR10 138-142	1.83	14.8	4	1.7	126	0.36	0.95	0.1	8.3	0.29	1.03	8.55	228	2.9	32.1	3.2	172	115
IVR10 90-94	0.19	24.4	3	2.2	75.1	0.15	0.61	0.05	0.3	0.56	0.24	0.11	246	6.6	20.4	2.2	2084	7.5
IVR12 14-18	0.24	14.2	<2	2.1	199	0.52	0.8	<0.05	7.6	0.39	0.54	2.28	115	7.3	22	2.3	90	52
IVR12 46-48	2.07	17.4	<2	1.7	139	0.34	0.92	<0.05	6.8	0.39	0.65	3.24	174	5.4	29.9	3.1	159	53.6
MAR_28 46-50	0.1	32.9	2	1.3	203	0.38	1	0.08	1.4	0.9	0.18	2.37	321	1.5	37.5	3.8	121	28
MAR_28 54-60	0.06	38	<2	1.2	142	0.25	1	<0.05	0.3	0.97	0.02	0.2	342	2.3	34.8	3.8	93	18.9
MAR_33 26-30	0.07	14.9	<2	2.6	139	0.51	0.85	<0.05	8.6	0.41	0.58	2.92	137	0.7	20.6	2.3	87	95.6