



Mineral Composition Report

Testing was conducted throughout the Rainbow Quarries near Goodsprings, Nevada in 1995 to determine the consistency of the deposit of striated meta-quartzite. Las Vegas Rock, Inc. hired Bondar Clegg, Inchcape Testing Services to perform testing of samples. Sample lines were collected by Las Vegas Rock, Inc. together with the Federal Government (BLM) to insure the validity of the samples tested.

Actual Test documentation available upon request.



Bondar Clegg

Inchcape Testing Services

CLIENT: LAS VEGAS ROCK
REPORT: V95-01256.0 (COMPLETE)

PROJECT: NONE GIVEN
DATE PRINTED: 13-OCT-95 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3 ^a PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT	Total Cr2O3 PCT
A6-60-72		89.09	0.11	3.16	0.27	<.01	0.25	2.27	0.02	0.15	<.03	3.76	99.09 <.01
B6-60-72		95.49	0.03	1.55	0.34	<.01	0.05	0.27	0.02	<.05	<.03	1.14	98.90 <.01
C6-60-72		91.81	0.05	1.86	0.58	<.01	0.38	1.85	<.01	<.05	<.03	3.38	99.91 <.01
D6-60-72		88.67	0.11	3.28	0.23	<.01	0.20	1.86	0.07	0.17	0.04	3.28	97.91 <.01
10120		86.02	0.31	6.30	1.07	0.01	0.31	0.67	0.06	1.37	0.17	2.95	99.24 <.01
12040		89.51	0.24	5.61	1.20	<.01	0.19	0.39	0.07	1.01	0.04	2.33	100.60 <.01
14060		92.64	0.07	2.41	0.27	<.01	0.16	0.94	0.06	0.21	0.04	2.14	98.94 <.01
16080		95.61	0.08	2.61	0.28	<.01	0.13	1.01	0.07	0.08	<.03	2.37	100.23 <.01
180100		94.03	0.05	2.17	0.26	<.01	0.13	0.68	0.08	<.05	0.05	1.81	99.27 <.01
LINE F 1.25		83.49	0.17	4.04	0.24	0.02	1.74	2.86	0.11	1.16	0.08	5.36	99.27 <.01
LINE F 25-50		82.61	0.24	4.93	0.35	0.02	1.61	2.74	0.08	1.41	0.07	5.59	99.65 <.01
LINE F 50-75		87.33	0.17	4.01	0.98	0.01	0.85	1.28	0.05	0.91	<.03	3.33	98.91 <.01
LINE F 75-100		94.54	0.06	2.32	0.50	<.01	0.11	0.43	0.11	0.38	<.03	1.29	99.74 <.01
LINE F 100-125		96.85	0.04	1.97	0.24	<.01	0.09	0.36	<.01	0.20	<.03	1.18	100.92 <.01
LINE F 125-150		94.60	0.08	2.13	0.21	<.01	0.08	0.22	0.13	0.15	0.03	1.12	98.74 <.01
LINE F 150-175		94.20	0.03	1.51	0.30	<.01	0.12	0.64	0.11	<.05	<.03	1.44	98.34 <.01
LINE F 175-200		93.82	0.04	1.77	0.16	<.01	0.10	0.88	0.09	<.05	<.03	1.57	98.43 <.01
LINE F 200-225		93.26	0.04	1.88	0.19	<.01	0.13	0.78	0.10	<.05	0.05	1.64	98.07 <.01
LINE F 225-250		94.61	0.04	1.94	0.26	<.01	0.11	0.59	<.01	<.05	0.04	1.25	98.84 <.01
LINE F 250-275		93.39	0.05	2.17	0.21	<.01	0.11	0.61	0.05	<.05	0.05	1.59	98.24 <.01
LINE F 275-300		93.73	0.05	1.98	0.19	<.01	0.14	0.78	0.01	<.05	<.03	1.68	98.56 <.01
LINE F 300-325		95.70	0.04	1.74	0.29	<.01	0.10	0.65	0.04	<.05	0.06	1.43	100.06 <.01
LINE F 325-350		96.06	0.05	1.78	0.26	<.01	0.12	0.55	0.06	<.05	0.05	1.42	100.35 <.01
LINE F 350-375		93.11	0.07	2.41	0.28	<.01	0.13	0.42	0.02	<.05	<.03	1.60	98.06 <.01
LINE F 375-400		93.44	0.07	2.17	0.31	<.01	0.16	0.55	0.10	<.05	0.10	1.56	98.47 <.01
LINE F 400-425		94.45	0.06	2.08	0.30	<.01	0.08	0.35	0.05	<.05	<.03	1.28	98.65 <.01
LINE F 425-450		93.22	0.06	2.41	0.48	<.01	0.07	0.27	0.06	<.05	<.03	1.41	97.97 <.01
LINE F 450-475		94.62	0.05	1.68	0.46	<.01	0.04	0.10	0.07	<.05	<.03	1.15	98.17 <.01
LINE F 475-500		95.65	0.05	1.77	0.31	<.01	0.05	0.28	0.09	<.05	0.04	1.24	99.47 <.01
LINE F 500-525		95.31	0.06	2.02	0.31	<.01	0.08	0.27	0.03	<.05	<.03	1.23	99.31 <.01



Bondar Clegg Inchcape Testing Services

Lab Report

CLIENT: LAS VEGAS ROCK
REPORT: V95-01236.0 (COMPLETE)

PROJECT: NONE GIVEN
DATE PRINTED: 13-OCT-95 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT	Total Cr2O3 PCT
LINE F 525-530		96.69	0.06	2.25	0.37	<.01	0.07	0.29	0.05	<.05	<.03	1.27	99.04 <.01
LINE F 530-575		93.42	0.05	2.09	0.37	<.01	0.15	0.45	0.09	<.05	<.03	1.50	98.13 <.01
LINE F 575-600		95.21	0.03	1.47	0.51	<.01	0.05	0.19	0.11	<.05	<.03	0.93	98.50 <.01
LINE F 600-625		96.27	0.03	1.53	0.33	<.01	0.05	0.17	0.03	<.05	<.03	0.91	99.33 <.01
LINE F 625-650		96.08	0.06	1.89	0.15	<.01	0.05	0.26	0.14	<.05	0.06	1.14	99.80 <.01
LINE F 650-675		95.99	0.05	2.07	0.15	<.01	0.06	0.17	0.07	<.05	<.03	1.02	99.17 <.01
LINE F 675-700		96.50	0.04	1.31	0.36	<.01	0.07	0.35	<.01	<.05	<.03	1.02	99.64 <.01
LINE F 700-725		95.61	0.05	1.61	0.63	<.01	0.08	0.37	0.08	<.05	<.03	1.22	99.62 <.01
LINE F 725-750		94.80	0.07	2.38	0.39	<.01	0.08	0.32	0.03	<.05	0.03	1.33	99.43 <.01
LINE G 0-25		80.31	0.17	3.72	0.46	0.03	2.72	4.35	0.06	1.23	0.04	7.01	100.09 <.01
LINE G 25-50		92.29	0.09	2.80	0.32	<.01	0.57	1.15	0.04	0.51	0.05	2.34	100.16 <.01
LINE G 64-75		75.16	0.23	5.13	1.10	0.03	2.89	4.86	0.09	1.46	0.09	8.46	99.48 <.01
LINE G 75-100		70.36	0.23	4.87	1.35	0.03	3.40	7.57	0.06	1.28	0.06	11.00	100.22 <.01
LINE G 100-125		82.11	0.21	5.01	1.02	0.02	0.94	3.16	0.03	1.10	0.05	5.13	98.78 <.01
LINE G 125-150		92.05	0.06	2.19	0.27	<.01	0.11	1.23	0.11	<.05	0.05	2.12	98.18 <.01
LINE G 150-175		96.17	0.06	2.46	0.22	<.01	0.09	0.32	0.03	0.10	<.03	1.33	100.77 <.01
LINE G 175-200		93.46	0.07	2.24	0.23	<.01	0.13	0.93	0.03	<.05	0.04	1.72	98.86 <.01
LINE G 200-225		94.22	0.04	1.76	0.26	<.01	0.09	0.47	0.01	<.05	<.03	1.33	98.19 <.01
LINE G 225-250		94.57	0.03	1.81	0.14	<.01	0.09	0.58	0.02	<.05	<.03	1.30	98.54 <.01
LINE G 250-275		96.47	0.03	1.60	0.14	<.01	0.06	0.52	<.01	<.05	<.03	1.10	99.92 <.01
LINE G 275-300		94.02	0.05	2.06	0.13	<.01	0.12	0.99	0.05	<.05	0.06	1.76	99.25 <.01
LINE G 300-325		93.48	0.04	2.22	0.28	<.01	0.15	1.04	0.08	<.05	<.03	1.81	99.18 <.01
LINE G 325-350		93.19	0.05	2.34	0.23	<.01	0.12	0.86	0.06	<.05	<.03	1.89	98.75 <.01
LINE G 350-375		95.85	0.04	1.92	0.27	<.01	0.06	0.30	<.01	<.05	0.05	1.17	99.46 <.01
LINE G 375-400		94.88	0.15	2.42	0.30	<.01	0.07	0.44	<.01	<.05	<.03	1.43	99.69 <.01
LINE H 0-25		95.34	0.08	3.11	0.11	<.01	0.07	0.14	<.01	<.05	<.03	1.29	100.15 <.01
LINE H 25-50		96.12	0.10	2.54	0.09	<.01	0.06	0.07	<.01	<.05	<.03	1.19	100.17 <.01
LINE H 50-75		96.19	0.06	2.30	0.10	<.01	0.05	0.10	0.03	<.05	<.03	1.06	99.90 <.01
LINE H 75-100		95.26	0.07	2.53	0.11	<.01	0.06	0.20	<.01	<.05	<.03	1.26	99.50 <.01
LINE H 100-125		95.16	0.09	2.88	0.14	<.01	0.07	0.13	0.06	<.05	<.03	1.28	99.81 <.01

Ca

SAMPLE NUMBER	ELEMENT	SiO2	TiO2	Al2O3	Fe2O3*	MnO	MgO	CaO	Na2O	K2O	P2O5	LOI	Total	Cr2O3
	UNITS	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT
LINE H 125-150		95.31	0.08	2.66	0.14	<.01	0.07	0.21	0.02	<.05	<.03	1.34	99.83	<.01
LINE H 150-175		95.32	0.06	2.44	0.13	<.01	0.07	0.12	0.07	<.05	0.05	1.27	99.52	<.01
LINE H 175-200		94.11	0.09	3.08	0.11	<.01	0.07	0.13	0.05	<.05	<.03	1.30	98.96	<.01
LINE H 200-225		95.30	0.08	2.43	0.09	<.01	0.06	0.25	<.01	<.05	<.03	1.37	99.59	<.01
LINE H 225-250		94.35	0.11	3.11	0.18	<.01	0.09	0.08	0.06	<.05	0.03	1.44	99.45	<.01
LINE H 250-275		92.46	0.17	3.92	0.18	<.01	0.12	0.37	0.05	0.15	<.03	1.97	99.38	<.01
LINE H 275-300		92.70	0.12	3.39	0.19	<.01	0.11	0.20	0.02	<.05	<.03	1.62	98.35	<.01
LINE H 300-325		95.63	0.09	2.59	0.15	<.01	0.07	0.10	0.10	<.05	<.03	1.24	99.97	<.01
LINE H 325-350		95.17	0.08	3.03	0.16	<.01	0.09	0.06	0.05	<.05	0.04	1.58	98.18	<.01
LINE I 0-18		95.10	0.08	2.77	0.45	<.01	0.10	0.42	0.06	0.88	0.08	1.25	99.29	<.01
LINE I 34-58		86.91	0.27	6.46	1.25	<.01	0.25	0.28	0.06	1.36	0.06	2.65	99.56	<.01
LINE I 50-75		86.65	0.27	6.56	1.76	<.01	0.23	0.30	0.12	1.24	0.10	2.60	99.82	<.01
LINE I 75-100		90.91	0.15	3.79	0.99	<.01	0.13	0.93	0.08	0.57	<.03	1.83	99.39	<.01
LINE I 100-125		94.47	0.08	2.63	0.45	<.01	0.08	0.51	0.09	0.16	<.03	1.30	99.77	<.01
LINE I 125-150		95.30	0.06	2.51	0.35	<.01	0.08	0.84	0.07	<.05	<.03	1.44	98.65	<.01
LINE I 150-175		94.03	0.08	2.59	0.32	<.01	0.10	0.63	0.04	<.05	<.03	1.57	99.35	<.01
LINE I 175-200		94.68	0.05	2.23	0.40	<.01	0.07	0.65	<.01	<.05	<.03	1.22	99.30	<.01
LINE I 200-225		95.17	0.07	2.07	0.20	<.01	0.08	0.51	0.13	<.05	<.03	1.23	99.46	<.01
LINE I 225-250		95.59	0.03	1.91	0.32	<.01	0.07	0.33	0.09	<.05	<.03	1.22	99.57	<.01
LINE I 250-275		96.06	0.03	1.99	0.21	<.01	0.07	0.56	<.01	<.05	<.03	1.11	100.03	<.01
LINE I 275-300		96.38	0.04	2.15	0.23	<.01	0.09	0.55	0.05	<.05	<.03	1.26	100.75	<.01
LINE I 300-325		95.79	0.06	2.46	0.16	<.01	0.08	0.45	0.07	<.05	0.05	1.37	98.51	<.01
LINE I 325-350		95.72	0.05	2.09	0.11	<.01	0.07	0.40	0.07	<.05	<.03	1.16	99.66	<.01
LINE I 350-375		95.08	0.05	1.96	0.13	<.01	0.07	0.41	0.10	<.05	0.04	1.23	99.07	<.01
LINE I 375-400		93.64	0.05	1.90	0.32	<.01	0.08	0.51	0.11	<.05	0.04	1.43	98.09	<.01
LINE I 400-425		94.20	0.06	2.36	0.19	<.01	0.11	0.53	0.03	<.05	<.03	1.62	99.18	<.01
LINE I 425-450		96.53	0.03	1.75	0.39	<.01	0.06	0.31	0.05	<.05	0.05	1.06	100.14	<.01
LINE I 450-475		94.01	0.04	1.98	0.46	<.01	0.08	0.29	0.08	<.05	<.03	1.19	98.13	<.01
LINE I 475-500		95.14	0.04	1.74	0.21	<.01	0.08	0.41	<.01	<.05	<.03	1.29	98.92	<.01
LINE I 500-525		95.88	0.07	1.78	0.18	<.01	0.07	0.33	<.01	<.05	<.03	1.29	99.52	<.01



Bondar Clegg Inchcape Testing Services

Geochemi Lab Report

CLIENT: LAS VEGAS ROCK
REPORT: V95-01236.0 (COMPLETE)

PROJECT: NONE GIVEN
DATE PRINTED: 13-OCT-95 PAG

SAMPLE NUMBER	ELEMENT UNITS	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT	Total Cr2O3 PCT
LINE I 525-550		93.52	0.08	2.45	0.39	<.01	0.11	0.64	<.01	<.05	0.07	1.78	99.04 <.01
LINE I 550-575		95.37	0.05	1.96	0.38	<.01	0.08	0.35	<.01	<.05	<.03	1.42	99.61 <.01
LINE I 575-600		94.21	0.07	2.33	0.49	<.01	0.08	0.37	<.01	<.05	<.03	1.47	99.02 <.01
LINE J 0-25		78.06	0.20	4.05	0.74	0.05	2.36	4.49	0.02	1.09	0.03	7.67	99.54 <.01
LINE J 25-50		92.20	0.10	2.94	0.58	<.01	0.12	0.61	0.05	0.67	<.03	1.62	98.89 <.01
LINE J 50-75		93.50	0.06	2.36	0.27	<.01	0.14	0.73	0.09	0.47	0.03	1.60	99.25 <.01
LINE J 75-100		93.29	0.06	2.09	0.33	<.01	0.08	0.60	0.08	0.25	<.03	1.47	98.25 <.01
LINE J 100-125		95.04	0.03	1.32	0.27	<.01	0.10	0.71	0.03	<.05	<.03	1.37	98.87 <.01
LINE J 125-150		95.95	0.03	1.56	0.24	<.01	0.06	0.46	0.06	<.05	<.03	1.24	99.59 <.01
LINE J 150-175		95.23	0.05	1.23	0.10	<.01	0.04	0.19	0.05	<.05	<.03	0.97	97.83 <.01
LINE J 175-200		94.70	0.04	1.82	0.18	<.01	0.09	0.48	0.10	0.08	<.03	1.39	98.89 <.01
LINE J 200-225		93.60	0.04	1.80	0.18	<.01	0.09	0.33	0.09	<.05	<.03	1.27	97.40 <.01
LINE J 225-250		96.57	0.03	1.63	0.25	<.01	0.06	0.31	0.02	<.05	<.03	1.14	100.00 <.01
LINE J 250-275		93.65	0.05	1.83	0.29	<.01	0.07	0.41	0.10	<.05	0.05	1.34	97.78 <.01
LINE J 275-300		95.25	0.06	2.17	0.19	<.01	0.08	0.46	0.04	<.05	<.03	1.52	99.75 <.01
LINE J 300-325		95.45	0.06	2.14	0.25	<.01	0.07	0.29	0.06	<.05	<.03	1.35	99.67 <.01
LINE J 325-350		93.11	0.06	2.21	0.23	0.01	0.11	0.87	<.01	<.05	0.04	1.57	98.24 0.02
LINE J 350-375		94.30	0.07	2.49	0.26	<.01	0.08	0.28	<.01	<.05	<.03	1.19	98.66 <.01
LINE J 375-400		95.23	0.04	1.75	0.16	<.01	0.06	0.23	<.01	<.05	<.03	0.96	98.43 <.01



Bondar Clegg Inchcape Testing Services

GEOTECHNICAL
Lab
Report

CLIENT: LAS VEGAS ROCK
REPORT: V95-01256.0 (COMPLETE)

PROJECT: NONE GIVEN
DATE PRINTED: 13-OCT-95 PAGE

STANDARD NAME	ELEMENT UNITS	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT	Total Cr2O3 PCT
Loss on Ignition Std		-	-	-	-	-	-	-	-	-	-	4.33	-
Loss on Ignition Std		-	-	-	-	-	-	-	-	-	-	4.25	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	2	-
Mean Value		-	-	-	-	-	-	-	-	-	-	4.29	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	0.06	-
Accepted Value		-	-	-	-	-	-	-	-	-	-	4.30	-
CANMET SY-2 CERT STD		59.43	0.13	12.11	6.31	0.32	2.68	7.98	4.28	4.55	0.41	-	98.21 <0.01
CANMET SY-2 CERT STD		59.43	0.13	11.95	6.24	0.31	2.61	8.05	4.17	4.40	0.41	-	97.70 <0.01
Number of Analyses		2	2	2	2	2	2	2	2	2	2	-	2
Mean Value		59.43	0.13	12.05	6.28	0.31	2.65	8.02	4.22	4.48	0.41	-	97.96 0.005
Standard Deviation		-	.005	0.12	0.05	.009	0.05	0.05	0.08	0.11	<.01	-	0.36
Accepted Value		60.10	0.14	12.12	6.28	0.32	2.70	7.98	4.34	4.48	0.43	1.11	-
ANALYTICAL BLANK		<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<.05	<.03	-	0.01 <0.01
ANALYTICAL BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<.05	<.03	-	<0.01
ANALYTICAL BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<.05	<.03	-	<0.01
ANALYTICAL BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<.05	<.03	-	<0.01
Number of Analyses		4	4	4	4	4	4	4	4	4	4	-	4
Mean Value		0.005	.005	0.007	0.005	.005	.005	.005	.005	0.03	0.02	-	0.01 0.005
Standard Deviation		-	-	0.003	-	-	-	-	-	-	<.01	-	-
Accepted Value		<.001	<.01	<.001	<.0001	<.01	<.01	<.01	<.01	<.01	<.01	<.001	<.0001 <.001



Bondar Clegg Inchcape Testing Services

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STANDARD NAME	ELEMENT UNITS	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT	Total PCT	Cr2O3 PCT
BCC Rock Std 1989		59.89	0.89	11.99	6.81	0.09	3.45	6.02	1.34	2.26	0.21	-	92.98	0.03
BCC Rock Std 1989		59.25	0.91	12.28	6.99	0.09	3.42	5.99	1.32	2.18	0.19	-	92.65	0.03
Number of Analyses		2	2	2	2	2	2	2	2	2	2	-	2	2
Mean Value		59.57	0.90	12.14	6.90	0.09	3.43	6.01	1.33	2.22	0.20	-	92.81	0.03
Standard Deviation		0.45	0.01	0.21	0.13	.002	0.02	0.02	0.01	0.06	0.01	-	0.23	0.002
Accepted Value		60.40	0.90	12.10	6.90	0.09	3.50	5.90	1.30	2.10	0.19	5.00	-	-



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SAMPLE NUMBER	ELEMENT UNITS	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT	Total Cr2O3 PCT
A6-60-72 Duplicate		89.09	0.11	3.16	0.27	<.01	0.25	2.27	0.02	0.15	<.03	3.76	99.09 <.01
												3.72	
14060 Duplicate		92.64	0.07	2.41	0.27	<.01	0.16	0.94	0.06	0.21	0.04	2.14	98.94 <.01
		92.62	0.08	2.58	0.29	<.01	0.18	1.03	0.09	0.20	<.03		<.01
LINE F 1.25 Duplicate		83.49	0.17	4.04	0.24	0.02	1.74	2.86	0.11	1.16	0.08	5.36	99.27 <.01
												5.38	
LINE F 200-225 Duplicate		93.26	0.04	1.88	0.19	<.01	0.13	0.78	0.10	<.05	0.05	1.64	98.07 <.01
												1.58	
LINE F 225-250 Prep Duplicate		94.61	0.04	1.94	0.26	<.01	0.11	0.59	<.01	<.05	0.04	1.25	98.84 <.01
		94.43	0.05	2.27	0.29	<.01	0.12	0.55	0.01	<.05	0.06	1.49	<.01
LINE F 350-375 Duplicate		93.11	0.09	2.41	0.28	<.01	0.13	0.42	0.02	<.05	<.03	1.60	98.06 <.01
		93.67	0.09	2.40	0.30	<.01	0.13	0.44	0.03	<.05	<.03		<.01
LINE F 625-650 Duplicate		96.08	0.04	1.89	0.15	<.01	0.05	0.26	0.14	<.05	0.06	1.14	99.80 <.01
												1.09	
LINE G 75-100 Duplicate		70.36	0.23	4.87	1.35	0.03	3.40	7.57	0.06	1.28	0.06	11.00	100.22 <.01
		69.77	0.23	4.74	1.36	0.03	3.31	7.44	0.10	1.27	0.04	10.96	<.01
LINE G 275-300 Duplicate		94.02	0.05	2.06	0.13	<.01	0.12	0.99	0.05	<.05	0.06	1.76	99.25 <.01
												1.75	
LINE H 100-125 Duplicate		95.16	0.09	2.88	0.14	<.01	0.07	0.13	0.06	<.05	<.03	1.28	99.81 <.01
		94.89	0.09	2.89	0.14	<.01	0.07	0.13	0.09	<.05	<.03		<.01
LINE H 175-200 Prep Duplicate		94.11	0.09	3.08	0.11	<.01	0.07	0.13	0.05	<.05	<.03	1.30	98.96 <.01
		94.54	0.09	2.98	0.12	<.01	0.08	0.14	0.06	<.05	<.03	1.28	<.01
LINE H 300-325 Duplicate		95.63	0.09	2.59	0.15	<.01	0.07	0.10	0.10	<.05	<.03	1.24	99.97 <.01
												1.29	



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SAMPLE NUMBER	ELEMENT UNITS	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCF	LOI PCT	Total Cr2O3 PCT
LINE I 175-200 Duplicate		94.68	0.05	2.23	0.40	<.01	0.07	0.65	<.01	<.05	<.03	1.22	99.30 <.01 1.19
LINE I 225-250 Duplicate		95.59	0.03	1.91	0.32	<.01	0.07	0.33	0.09	<.05	<.03	1.22	99.57 <.01 95.92 0.03 1.63 0.28 <.01 0.06 0.25 0.09 <.05 0.04 <.01
LINE I 300-325 Prep Duplicate		93.79	0.06	2.46	0.16	<.01	0.08	0.45	0.07	<.05	0.05	1.37	98.51 <.01 93.89 0.07 2.80 0.18 <.01 0.08 0.48 0.10 <.05 0.07 1.40 <.01
LINE I 350-375 Duplicate		95.08	0.05	1.96	0.13	<.01	0.07	0.41	0.10	<.05	0.06	1.23	99.07 <.01 1.21
LINE J 50-75 Duplicate		93.50	0.06	2.36	0.27	<.01	0.14	0.73	0.09	0.47	0.03	1.60	99.25 <.01 92.87 0.05 2.30 0.27 <.01 0.14 0.71 0.10 0.43 <.03 <.01
LINE J 175-200 Duplicate		94.70	0.04	1.82	0.18	<.01	0.09	0.48	0.10	0.08	<.03	1.39	98.89 <.01 1.44
Prep Duplicate Duplicate		93.89	0.07	2.80	0.18	<.01	0.08	0.48	0.10	<.05	0.07	1.40	<.01 1.47