ARIS SUMMARY SHEET

District Geologist, Nelson Off Confidential: 92.09.25

ASSESSMENT REPORT 21962 MINING DIVISION: Golden

PROPERTY: Baymag
LOCATION: LAT 50 47 00 LONG 115 41 00
UTM 11 5626338 592821
NTS 082J12E
CLAIM(S): Mining Lease 31,Bay 1-39
OPERATOR(S): Baymag Mines
AUTHOR(S): Knuckey, I.R.J.
REPORT YEAR: 1991, 84 Pages
COMMODITIES
SEARCHED FOR: Magnesite
KEYWORDS: Cambrian,Cathedral Formation,Dolomites,Limestones,Magnesite
WORK
DONE: Drilling,Geochemical
PERD 166.0 m 8 hole(s)
Map(s) - 5; Scale(s) - 1:250,1:5000,1:50 000
SAMP 3148 sample(s) ;MT,MG,FE,AL,SI
Map(s) - 3; Scale(s) - 1:5000
RELATED
REPORTS: 17538,19033

BAYMAG MINES CO. LIMITED

REPORT ON 1991 EXPLORATION PROGRAM

EXPLORATION PROGRAM

- Consisted of the drilling, logging, sampling and assaying of eight air-trac percussion holes. Located in the upper pit area of Mining Lease M31.

GOLDEN MINING DIVISION

NTS 82 J/13 @ 562700 N, 593000 E

LATITUDE 50 47' N LONGITUDE 115 41' W

CLAIMS OWNED BY: BAYMAG MINES CO. LIMITED

AUTHOR: IAN R.J. KNUCKEY

DATE SUBMITTED: NOVEMBER 15, 1991

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1.0 INTRODUCTION

1.1 Location and Access

The Mt. Brussilof Magnesite mine is located within Mining Lease M31, immediately north of the confluence of the Mitchell River and Assiniboine Creek approximately 35 km northeast of Radium Hot Springs in the East Kootenay District of British Columbia (Appendix A). The property is crossed by latitude 50 47'N and longitude 115 41'W.

Access to the minesite is by Provincial Highway 93 to Settler's Road in Kootenay National Park. Settler's Road leads south-southeast along the valley of the Kootenay River. At a distance of 12 kilometers the road turns northeast off Settler's Road and trends northeast along the south side of the Cross River Valley. The gravel road continues a total distance of 26 kilometers along the Cross River and then along the Mitchell River to the mine area (Appendix A).

1.2 Previous Work

The property is comprised of 467 contiguous claims in the Golden Mining Division (Appendix B).

The magnesite occurrence was first discovered by G.B. Leech of the Geological Survey of Canada who was conducting a mapping program in the area. Grab samples, taken during the program, assayed up to 97% magnesite. As a result of the Leech report, New Jersey Zinc Exploration Canada Ltd. staked the area and conducted a mapping and diamond drill program. Imperial Oil Enterprises also investigated the area but no additional work was performed. Baykal Minerals Ltd. conducted a mapping program in 1969 which resulted in acquisition of additional claims to bring the total to 278. Baykal Minerals arranged with New Jersey Zinc Exploration Canada Ltd. to conduct mining on their claims.

Following the completion of field work in 1969 to 1970 which included diamond drilling programs, a production feasibility report was completed by Acres Western Limited of Vancouver for Baykal Minerals Ltd.

During 1971, Brussilof Resources Limited and Baykal Minerals Ltd. amalgamated to form Baymag Mines Co. Limited.

The property was optioned to Canadian Exploration Limited (CANEX) in 1972. CANEX conducted a field orientation program which included 2819.4 meters of diamond drilling to bring the total length then drilled on the property to 5,255 meters. Geological mapping of specific areas was also completed.

In 1979 Baymag Mines Co. Limited, a subsidiary (purchased in 1979) of Refratechnik GmbH of West Germany, contracted Techman Ltd. and Kilborn Engineering (B.C.) Ltd. to evaluate the feasibility of bringing the magnesite deposit into production. The evaluation involved surveys, 130 meters of percussion drilling, 75 meters of shallow diamond drilling and bulk sample extraction. A 100 ton sample of magnesite was extracted from a site on Rok 17 and shipped to a crusher to be reduced to a minus 10 millimeter mesh. The crushed sample was then shipped to Nichols Engineering and Research in New Jersey to be dead burnt. The dead burnt material was briquetted for further testing.

In 1981 Baymag entered into a contractual agreement with John Wolfe Construction Co. Ltd. to operate the mine and also to be responsible for ore supply to the production plant at Exshaw, Alberta, a facility leased from Canada Cement Lafarge.

During 1984, eight exploration holes totaling a length of 731.5 meters of diamond drilling was completed on the Rok 17 claim. The core was descriptively logged, sampled and assayed.

A major exploration program was conducted in 1987, the purpose of which was to investigate the extension of the known magnesite deposit up-slope from the current pit development and further delineate and evaluate the quality and quantity of the ore in the immediate vicinity of the active mining operations. Thirty-four diamond drill holes totalling 2707 meters were drilled, logged, sampled and assayed.

A smaller exploration program was conducted in 1989 in two areas of the claim block. In the area proximal to the current mine development, the goal was to further delineate and evaluate the quality and quantity of ore immediately north of the known reserves. Fifteen shallow diamond drill holes totalling 273 meters were drilled, logged, sampled and assayed.

The other area of interest was near the confluence of the Cross and Mitchell Rivers on the southern Vano claims (now Bay 19 & 21 claims). Ten shallow diamond drill holes totalling 110 meters were drilled, logged, sampled and assayed.

The following year Baymag acquired new ground up the Alcanterra, Assiniboine and Aurora Creeks bringing the total number of claims to 461 units.

A small percussion drillhole program was conducted in 1990 with the goal of delineating major zones of contamination near the little explored upper pit area. A total of 370 meters was drilled, sampled and assayed. The results suggested that the ore in the north upper pit area is generally high grade and relatively homogeneous. That is, the high contaminant values are generally restricted to or concentrated within fractures, joints and along planes of high porosity. If the location and orientation of these features can be identified prior to production in the area, the waste can be removed before removal of ore and any possible mixing of the two.

At the end of the 1990 exploration program a total of 27 percussion holes and 126 diamond drill holes had been drilled on the property. This brings the total length diamond drilled to 9148 meters and total percussion drilling to 500 meters.

Commercial scale mining started in the second quarter of 1982 and has increased dramatically since then. The Baymag mine is an open pit operation which is run year round and currently produces well over 180,000 mtpy of high quality magnesite ore.

1.3 SUMMARY OF 1991 EXPLORATION PROGRAM

The small in pit exploration program was conducted in 1991 to investigate areas of future development and production. Increased occurrences of contamination zones in the area created the need for relatively tight in-fill drilling.

Eight shallow percussion holes were drilled in May, 1991 totalling 166 meters. They ranged from 4.6 to 29 meters in length. The drilling was conducted to investigate the quality of ore and delineate zones of contamination in the relatively unexplored north section of the upper pit. All holes were logged, sampled and assayed.

2.0 DETAILED TECHNICAL DATA AND INTERPRETATION

2.1 Purpose

The main objectives of exploration drilling were:

- To evaluate the quantity and quality of ore in the north section of the upper pit

- To further delineate zones of contamination in the area

- To acquire more data to determine the accuracy of an anomalous drillhole which has affected the current mine model

2.2 METHODOLOGY

A local surveyor, Bruce Patterson & Associates, who was familiar with the site was contracted to layout a drill grid for control purposes prior to any drilling.

Drillholes were then positioned in some instances as in-fill drilling and in others to hit specific targets. No access roads needed to be constructed as existing roads and the pit floor were suitable.

An air-track with a 3 inch diameter bit was used to do the drilling. Drilling was completed in three days, 05/02/91, 05/15/91 and 05/16/91. A total of 166 meters of drilling was completed with one driller and one geologist. The average daily drilling was approximately 55 meters.

All cuttings were descriptively logged by the author. Description was given on the cuttings colour, "grain size", reactivity to dilute HCl as well as noting any peculiarities. (i.e. excess water, etc.) The cuttings were generally described and sampled in 1.52 meters (5 foot) intervals. A total of 111 samples were sent to Baymag's lab in Exshaw, Alberta. They were analyzed for MgO, CaO, Fe_2O_3, SiO_2 and Al_2O_3 content.

Drillholes were surveyed after drilling was complete.

2.3 Results

The following pages contain the relevant drill logs and associated assay results for all eight holes drilled.

1991 PERCUSSION DRILLHOLE LOGS

9101
9102
9103
9104
9105
9106
9107
9108

INDEX OF COLOUR AND HCl REACTION CODES IN 1991 PRECUSSION HOLES

CODE	COLOUR	SIZE	HCl REACTION
1	WHITE	VERY FINE	NONE
2	PALE GREY	FINE	WEAK
3	PALE YELLOW	FINE-MEDIUM	WEAK-MODERATE
4	GREY	MEDIUM	MODERATE
5	YELLOW	MEDIUM-COARSE	MODERATE-STRONG
6	BROWN	COARSE	STRONG
7	RUSTY	VERY COARSE	VERY STRONG
8	BLACK		CONTAMINATED

HOLE #	EAST	NORTH	ELEV.	AZIM	DIP	LENGTH
9101	3099.10	8306.30	1492.40	90.00	-38.00	21.34

HOLE	SAMPLE #	ELEV.	FROM	TO	LENGTH	MgO	CaO	Fe2O3	Al2O3	SiO2	ACID	COLOUR	SIZE
9101		1492.0	0.00	0.61	0.61	-1.00	-1.00	-1.00	-1.00	-1.00	-1	-1	-1
9101	21210	1491.5	0.61	1.52	0.91	97.52	1.58	0.52	0.08	0.25	3	4	1
9101	21211	1490.5	1.52	3.05	1.52	95.66	3.49	0.52	0.08	0.25	2	2	1
9101	21212	1489.6	3.05	4.57	1.52	97.27	1.84	0.57	0.07	0.16	2	1	1
9101	21213	1488.7	4.57	6.10	1.52	95.95	3.34	0.52	0.03	0.29	8	1	1
9101	21214	1487.7	6.10	7.62	1.52	92.22	7.00	0.43	0.06	0.28	2	1	1
9101	21215	1486.8	7.62	9.14	1.52	97.28	1.94	0.42	0.08	0.42	2	1	1
9101	21216	1485.8	9.14	10.67	1.52	97.07	2.03	0.40	0.08	0.47	2	1	1
9101	21217	1484.9	10.67	12.19	1.52	96.96	1.95	0.41	0.21	0.23	2	1	1
9101	21218	1484.0	12.19	13.72	1.52	98.00	1.22	0.40	0.15	0.67	4	3	1
9101	21219	1483.0	13.72	15.24	1.52	96.59	2.03	0.45	0.26	0.30	2	1	1
9101			14.33	14.63							6	3	3
9101	21220	1482.1	15.24	16.76	1.52	97.60	1.51	0.42	0.17	0.45	2	1	1
9101	21221	1481.2	16.76	18.29	1.52	97.48	1.30	0.48	0.29	0.90	2	1	1
9101			17.68	18.00									3
9101	21222	1480.2	18.29	19.81	1.52	96.01	2.22	0.50	0.37	1.04	2	1	1
9101	21223	1479.3	19.81	21.34	1.52	96.18	1.90	0.47	0.41	1.04	2	1	1

HOLE #	EAST	NORTH	ELEV.	AZIM	DIP	LENGTH
9102	3097.60	8326.20	1491.80	90.00	-45.00	6.10

HOLE	SAMPLE #	ELEV.	FROM	TO	LENGTH	MgO	CaO	Fe2O3	Al2O3	SiO2	ACID	COLOUR	SIZE
9102		1490.9	0.00	1.22	1.22	-1.00	-1.00	-1.00	-1.00	-1.00	-1	-1	-1
9102	21224	1489.6	1.22	3.05	1.83	95.89	2.54	0.56	0.24	0.77	5	3	3
9102	21225	1488.6	3.05	4.57	1.52	95.83	3.19	0.53	0.11	0.34	5	3	1
9102			3.96	4.27								5	1
9102	21226	1487.5	4.57	6.10	1.52	79.55	19.50	0.50	0.09	0.36	7	5	1
9102			5.18	5.79								WATER	

********* ABANDONED AFTER 6 METERS **********

HOLE #	EAST	NORTH	ELEV.	AZIM	DIP	LENGTH
9103	3088.40	8338.10	1490.40	90.00	-35.00	21.34

HOLE	SAMPLE #	ELEV.	FROM	TO	LENGTH	MgO	CaO	Fe2O3	Al2O3	SiO2	ACID	COLOUR	SIZE
9103		1488.7	0.00	3.05	3.05	-1.00	-1.00	-1.00	-1.00	-1.00	-1	-1	-1
9103	21227	1487.8	3.05	4.57	1.52	95.10	2.61	0.55	0.40	1.34	3	3	2
9103	21228	1486.9	4.57	6.10	1.52	96.47	2.14	0.51	0.22	0.66	8	2	1
9103	21229	1486.0	6.10	7.62	1.52	95.66	2.08	0.65	0.27	1.34	8	1	1
9103	21230	1485.2	7.62	9.14	1.52	97.21	1.83	0.45	0.13	0.38	8	1	1
9103	21231	1484.3	9.14	10.67	1.52	96.08	2.80	0.53	0.15	0.44	2	2	1
9103	21232	1483.4	10.67	12.19	1.52	96.86	2.17	0.56	0.09	0.32	2	2	1
9103	21233	1482.5	12.19	13.72	1.52	96.35	2.33	0.63	0.16	0.53	3	2	1
9103	21234	1481.7	13.72	15.24	1.52	92.04	6.20	0.57	0.25	0.94	8	1	1
9103	21235	1480.8	15.24	16.76	1.52	85.58	13.10	0.59	0.17	0.56	6	1	1
9103	21236	1479.9	16.76	18.29	1.52	85.90	13.00	0.53	0.12	0.45	5	1	1
9103	21237	1479.1	18.29	19.81	1.52	91.89	6.90	0.59	0.20	0.42	4	1	1
9103	21238	1478.2	19.81	21.34	1.52	95.09	3.90	0.53	0.16	0.32	3	1	1

HOLE #	EAST	NORTH	ELEV.	AZIM	DIP	LENGTH
9104	3101.60	8326.10	1492.50	0.00	-90.00	9.14

HOLE	SAMPLE #	ELEV.	FROM	TO	LENGTH	MgO	CaO	Fe2O3	Al2O3	SiO2	ACID	COLOUR	SIZE
9104		1491.3	0.00	1.22	1.22	-1.00	-1.00	-1.00	-1.00	-1.00	-1	-1	-1
9104	21239	1489.8	1.22	2.74	1.52	89.68	9.50	0.48	0.06	0.28	5	3	1
9104			2.44	3.05								5	
9104	21240	1489.4	2.74	3.05	0.31	68.87	30.00	0.53	0.11	0.49	7	5	1
9104	21241	1487.9	3.05	4.57	1.52	89.00	9.90	0.66	0.08	0.36	6	5	1
9104	21242	1486.4	4.57	6.10	1.52	66.38	32.30	0.56	0.15	0.61	6	5	1
9104			4.57	4.88								WET	3
9104	21243	1484.9	6.10	7.62	1.52	93.30	5.80	0.56	0.08	0.26	4	3	1
9104	21244	1483.4	7.62	9.14	1.52	91.73	7.00	0.76	0.17	0.34	6	5	1
9104			7.62	8.23								1	

********* ABANDONED AFTER 7.6 METERS **********

HOLE #	EAST	NORTH	ELEV.	AZIM	DIP	LENGTH
9105	3101.00	8323.00	1492.00	0.00	-90.00	30.48

HOLE	SAMPLE #	ELEV.	FROM	TO	LENGTH	MgO	CaO	Fe2O3	Al2O3	SiO2	ACID	COLOUR	SIZE
9105		1491.4	0.00	0.61	0.61	-1.00	-1.00	-1.00	-1.00	-1.00	-1	-1	-1
9105	21245	1490.5	0.61	1.52	0.91	96.62	2.27	0.43	0.21	0.47	4	1	1
9105	21246	1489.0	1.52	3.05	1.52	97.47	1.64	0.46	0.18	0.25	6	5	2
9105			1.83	2.13								3	
9105	21247	1487.4	3.05	4.57	1.52	97.59	1.69	0.49	0.10	0.13	5	3	1
9105			3.66	3.96								5	1
9105	21248	1485.9	4.57	6.10	1.52	96.55	1.68	0.52	0.41	0.84	3	1	2
9105	21249	1484.4	6.10	7.62	1.52	96.33	1.62	0.67	0.54	0.84	4	1	2
9105			6.71	7.01								3	
9105	21250	1482.9	7.62	9.14	1.52	94.77	3.18	0.51	0.62	0.92	3	1	2
9105	21251	1481.4	9.14	10.67	1.52	96.28	2.35	0.55	0.32	0.50	6	3	2
9105	21252	1479.8	10.67	12.19	1.52	97.46	1.58	0.53	0.17	0.26	2	1	1
9105	21253	1478.3	12.19	13.72	1.52	93.29	5.60	0.49	0.12	0.50	3	1	1
9105	21254	1476.8	13.72	15.24	1.52	96.43	2.62	0.60	0.11	0.24	3	1	1
9105	21255	1475.3	15.24	16.76	1.52	97.50	1.70	0.44	0.13	0.23	2	1	1
9105	21256	1473.8	16.76	18.29	1.52	93.60	5.50	0.60	0.06	0.24	3	1	1
9105	21257	1472.2	18.29	19.81	1.52	96.67	2.36	0.54	0.14	0.29	2	1	1
9105	21258	1470.7	19.81	21.34	1.52	97.30	1.63	0.50	0.24	0.33	4	1	1
9105	21259	1469.2	21.34	22.86	1.52	97.46	1.59	0.53	0.19	0.23	3	1	1
9105	21260	1467.7	22.86	24.38	1.52	96.52	2.34	0.50	0.21	0.43	3	1	1
9105			23.77	24.38								3	
9105	21261	1466.2	24.38	25.91	1.52	92.52	6.50	0.52	0.14	0.32	4	1	2
9105	21262	1464.6	25.91	27.43	1.52	97.15	1.94	0.53	0.13	0.25	2	1	1
9105	21263	1463.1	27.43	28.96	1.52	97.16	1.90	0.56	0.14	0.24	3	1	1
9105	21264	1461.6	28.96	30.48	1.52	97.48	1.58	0.58	0.13	0.23	2	1	1

HOLE #	EAST	NORTH	ELEV.	AZIM	DIP	LENGTH
9106	3110.80	8235.90	1490.20	0.00	-90.00	30.48

HOLE	SAMPLE #	ELEV.	FROM	TO	LENGTH	MgO	CaO	Fe2O3	Al2O3	SiO2	ACID	COLOUR	SIZE
9106	21265	1489.9	0.00	0.31	0.31	-1.00	-1.00	-1.00	-1.00	-1.00	-1	-1	-1
9106	21266	1488.7	0.31	1.52	1.22	97.11	1.75	0.66	0.20	0.28	1	2	1
9106			0.91	1.22									3
9106	21267	1487.1	1.52	3.05	1.52	97.17	1.72	0.61	0.21	0.29	3	3	2
9106			2.74	3.05									1
9106	21268	1485.6	3.05	4.57	1.52	96.94	1.72	0.63	0.30	0.41	1	2	2
9106	21269	1484.1	4.57	6.10	1.52	96.84	1.93	0.69	0.23	0.31	2	1	2
9106	21270	1482.6	6.10	7.62	1.52	90.60	8.15	0.54	0.17	0.54	3	1	2
9106	21271	1481.1	7.62	9.14	1.52	97.53	1.59	0.56	0.13	0.19	2	1	1
9106	21272	1479.5	9.14	10.67	1.52	97.41	1.66	0.58	0.12	0.23	1	1	1
9106	21273	1478.0	10.67	12.19	1.52	97.40	1.75	0.61	0.09	0.15	1	1	1
9106	21274	1476.5	12.19	13.72	1.52	95.78	3.03	0.51	0.23	0.45	4	3	1
9106	21275	1475.0	13.72	15.24	1.52	97.10	2.35	0.49	0.06	0.00	3	1	1
9106	21276	1473.5	15.24	16.76	1.52	97.61	1.87	0.46	0.05	0.01	2	2	1
9106	21277	1471.9	16.76	18.29	1.52	96.25	3.06	0.61	0.03	0.05	4	1	1
9106	21278	1470.4	18.29	19.81	1.52	96.69	2.68	0.54	0.04	0.05	1	1	1
9106	21279	1468.9	19.81	21.34	1.52	96.98	2.31	0.68	0.02	0.01	3	1	1
9106			21.03	21.34								3	
9106	21280	1467.4	21.34	22.86	1.52	87.98	11.19	0.67	0.06	0.10	5	3	1
9106			22.25	22.56								1	
9106	21281	1465.9	22.86	24.38	1.52	95.33	3.94	0.63	0.04	0.06	4	3	1
9106	21282	1464.3	24.38	25.91	1.52	96.10	2.71	0.68	0.20	0.31	3	3	1
9106	21283	1462.8	25.91	27.43	1.52	96.36	2.23	0.68	0.29	0.44	3	2	1
9106	21284	1461.3	27.43	28.96	1.52	97.10	1.85	0.68	0.14	0.23	2	2	1
9106	21285	1459.8	28.96	30.48	1.52	97.14	2.16	0.54	0.06	0.10	3	1	1

HOLE #		EAST	NORTH	ELEV.	AZIM	DIP	LENGTH
9107		3100.00	8275.00	1488.90	0.00	-90.00	27.43

HOLE	SAMPLE #	ELEV.	FROM	TO	LENGTH	MgO	CaO	Fe2O3	Al2O3	SiO2	ACID	COLOUR	SIZE
9107		1488.0	0.00	0.91	0.91	-1.00	-1.00	-1.00	-1.00	-1.00	-1	-1	-1
9107	21328	1487.4	0.91	1.52	0.61	97.78	1.63	0.45	0.05	0.09	1	1	1
9107	21329	1485.9	1.52	3.05	1.52	97.97	1.25	0.47	0.09	0.22	1	1	1
9107	21330	1484.3	3.05	4.57	1.52	97.85	1.37	0.47	0.10	0.21	1	1	1
9107	21331	1482.8	4.57	6.10	1.52	97.10	1.72	0.48	0.25	0.45	1	1	1
9107	21332	1481.3	6.10	7.62	1.52	97.97	1.17	0.55	0.11	0.20	1	1	1
9107	21333	1479.8	7.62	9.14	1.52	97.40	1.30	0.54	0.27	0.49	1	1	1
9107	21334	1478.3	9.14	10.67	1.52	96.91	1.43	0.50	0.41	0.75	2	1	1
9107	21335	1476.7	10.67	12.19	1.52	86.00	11.50	0.53	0.78	1.19	4	1	1
9107	21336	1475.2	12.19	13.72	1.52	96.09	2.50	0.54	0.32	0.55	1	1	1
9107	21337	1473.7	13.72	15.24	1.52	96.77	1.77	0.53	0.30	0.63	1	2	1
9107	21338	1472.2	15.24	16.76	1.52	96.51	1.75	0.55	0.42	0.77	1	2	1
9107	21339	1470.7	16.76	18.29	1.52	96.73	1.69	0.64	0.33	0.61	1	2	1
9107	21340	1469.1	18.29	19.81	1.52	97.37	1.53	0.57	0.20	0.33	2	-1	-1
9107	21341	1467.6	19.81	21.34	1.52	97.44	1.54	0.68	0.11	0.23	1	-1	-1
9107	21342	1466.1	21.34	22.86	1.52	97.41	1.60	0.59	0.14	0.26	2	1	2
9107	21343	1464.6	22.86	24.38	1.52	97.67	1.52	0.63	0.06	0.12	1	1	1
9107	21344	1463.1	24.38	25.91	1.52	96.78	2.21	0.84	0.05	0.12	1	1	1
9107	21345	1461.5	25.91	27.43	1.52	97.10	2.04	0.68	0.06	0.12	2	1	1

HHOLE #			EAST		NORTH	ELEV.		AZIM	DIP	LENGTH			
9108			3112.50		8275.00	1489.70		0.00	-90.00	27.43			
HOLE	SAMPLE #	ELEV.	FROM	TO	LENGTH	MgO	CaO	Fe2O3	Al2O3	SiO2	ACID	COLOUR	SIZE
9108	21351	1488.2	0.00	1.52	1.52	94.12	4.75	0.51	0.24	0.38	1	1	1
9108	21352	1486.7	1.52	3.05	1.52	96.43	1.94	0.56	0.44	0.63	1	1	1
9108	21353	1485.1	3.05	4.57	1.52	95.91	1.69	0.54	0.61	1.25	2	1	1
9108	21354	1483.6	4.57	6.10	1.52	96.32	1.17	0.50	0.70	1.31	1	1	1
9108	21355	1482.1	6.10	7.62	1.52	94.73	1.54	0.51	1.00	2.22	1	1	1
9108	21356	1480.6	7.62	9.14	1.52	95.67	1.25	0.54	0.77	1.77	1	1	1
9108	21357	1479.1	9.14	10.67	1.52	96.01	1.30	0.50	0.82	1.37	1	1	1
9108	21358	1477.5	10.67	12.19	1.52	96.37	1.72	0.48	0.45	0.98	1	1	1
9108	21359	1476.0	12.19	13.72	1.52	97.23	1.72	0.59	0.16	0.30	1	1	1
9108	21360	1474.5	13.72	15.24	1.52	96.39	2.00	0.70	0.33	0.58	2	1	1
9108	21361	1473.0	15.24	16.76	1.52	97.23	1.54	0.78	0.19	0.26	1	1	1
9108	21362	1471.5	16.76	18.29	1.52	97.25	1.86	0.58	0.13	0.18	1	1	1
9108	21363	1469.9	18.29	19.81	1.52	97.02	1.59	0.59	0.32	0.48	1	1	1
9108	21364	1468.4	19.81	21.34	1.52	96.67	1.94	0.55	0.32	0.52	1	1	1
9108	21365	1466.9	21.34	22.86	1.52	97.02	1.47	0.68	0.34	0.49	1	1	1
9108			22.25	22.86								4	WATER
9108	21366	1465.4	22.86	24.38	1.52	97.14	1.42	0.54	0.39	0.51	1	1	1
9108	21367	1463.9	24.38	25.91	1.52	96.39	1.75	0.57	0.59	0.70	1	2	1
9108	21368	1462.3	25.91	27.43	1.52	96.58	1.78	0.75	0.38	0.51	1	2	1

2.4 INTERPRETATION

A summary of sub-surface conditions encountered during the exploration program is presented herein. The summary represents a preliminary assessment of geological conditions which could have an effect on the continued development and production in the area.

Drillholes 91-01 to 91-05 were centered at the extreme north end of the upper pit. Operation in this area had been previously suspended after unexpectedly high contamination values were encountered. Two of the holes 91-02 and 91-04 hit a highly porous zone containing water. This made recovery of the cuttings impossible and so both holes were abandoned. Drillholes 91-01, 91-03 and 91-05 encountered relatively high grade ore with only few sections being off-spec material.

This suggests that the bench above, that resulted in the production suspension, may have been too close to the hanging wall contact. This bench was probably too highly fractured in this area and thereby contained too many contaminants.

The off-spec material found in each of the holes appears to be a north-south fracture in-filled with dolomite. The in-filling appears to pinch and swell at random intervals from one centimeter to several meters wide. The fracture is oriented at approximately 010/75 (mining grid).

Holes 91-06, 91-07 and 91-08 were drilled in the north end of the current upper pit to fill gaps in previous drilling. The results were very promising as only a few samples assayed over three percent CaO with most well under two percent. Hole 91-08 intercepted a N-S high SiO2 zone which has been pretty well defined by previous drilling.

2.5 CONCLUSIONS

The drilling in the northern upper pit revealed that high grade ore exists in mineable ratios in the area and that most of the contamination discovered in the previous bench was the result of the proximity to the hanging wall contact (caprock). It also showed that a N-S vein-like zone of contamination running down the center of the pit continues to pinch and swell into the north.

The north central area, as defined by holes 91-06, 91-07 and 91-08, suggests high grade ore exists for at least three more benches. The uniformity of the assays in all three holes suggests that the upper pit be remodeled and new reserves calculated, as the modelling seems to have been skewed by one anomalous hole, # 8731.

The make-up of the deposit, with high grade ore cut by random features with high contaminant values, will require that relatively detailed drilling be continued in the future at least in local areas where fracturing is prevalent.

2.6 BLASTHOLE ASSAYS

Blasthole cuttings are assayed for MgO and four prominent contamination elements found at the mine; CaO, Fe_2O_3, Al_2O_3 and SiO_2. Samples of each round are collected daily for evaluation and modelling purposes and taken to the Baymag Lab in Exshaw, Alberta for analysis.

All samples were taken within the Mining Lease M31 in both the Upper and Lower open pits. The samples have been divided into two periods; May 31, 1990 to May 31, 1991 and June 1, 1991 to September 26, 1991.

A total of 2155 samples were collected and analyzed during the period May 31, 1990 to May 31, 1991. The samples occurred over five separate mine benches with elevations of 1378, 1384, 1486, 1492 and 1498 meters. Two sample location maps are provided to reduce printing overlap (Appendix F & G). See Appendix I for the individual assay sheets.

A total of 882 samples were collected and analyzed during the period June 1, 1991 to September 26, 1991. The samples occurred over four mine benches at elevations 1378, 1384, 1480 and 1486 meters. A sample location map is provided in Appendix H. See Appendix J for the individual assay sheets.

Blasthole assays are interpreted in several stages. When first sampled, they are used as the primary database for their associated round. The blast is modelled with this data using a geo-statistical kriging technique which is then used to help quality control at the mine.

The assays are also used at a later date on a much larger scale. All assays belonging to a single bench are plotted together in one amalgamated bench map similar to Appendix F, G & H but with element values not sample numbers. The plot may consist of up to 50 separate rounds. These blasthole bench plans help in predicting what the next bench below might bring and how best to plan its extraction.

3.0 ITEMIZED COST STATEMENT

The total costs incurred during the 1991 exploration drilling program were as follows;

1. Manpower	$ 1,305
2. Equipment	$ 9,380
3. Drill Chip Analysis	$ 4,440
4. Surveying	$ 320
	$ 15,445

For an itemized cost statement of drilling expenditures see Table 3.1 on the next page.

The total costs incurred for the analysis of Blasthole samples were as follows;

1. Analysis May 90 to May 91	$ 96,975
2. Analysis June - Sept. 1991	$ 39,690
	$136,665

For an itemized cost statement of Blasthole assaying see Table 3.2.

TABLE 3.1 ITEMIZED COSTS

ITEM	UNIT	UNIT COST	QUANT.	TOTAL COST
1. MANPOWER				
1.1 Air-trac Driller -one driller -05/02,15,16/91	day	135	3	$405
1.2 Supervisor -includes logging, sampling & reporting - 05/02,03,14,15,16,17/91	day	150	6	$ 900
	SUBTOTAL			$1305
2. EQUIPMENT				
2.1 Air-trac w/ -750 c.f.m. compressor -05/02,15,16/91	meter	55	166	$ 9130
2.2 Supervisor 4X4 - 05/02,03,14,15,16,17/91	week	250	1	$250
	SUBTOTAL			$ 9380
3. DRILL CHIP ANALYSIS				
3.1 Baymag Lab (Exshaw) -MgO,Fe_2O_3,Al_2O_3,SiO_2	sample	40	111	$4440
	SUBTOTAL			$4440
4. SURVEYING				
4.1 Drill Grid & DDH Location - B. Patterson & Assoc. B.C. Land Surveyor - 05/07,17/91	hour	80	4	$320
	SUBTOTAL			$320
	GRAND TOTAL			$ 15,445

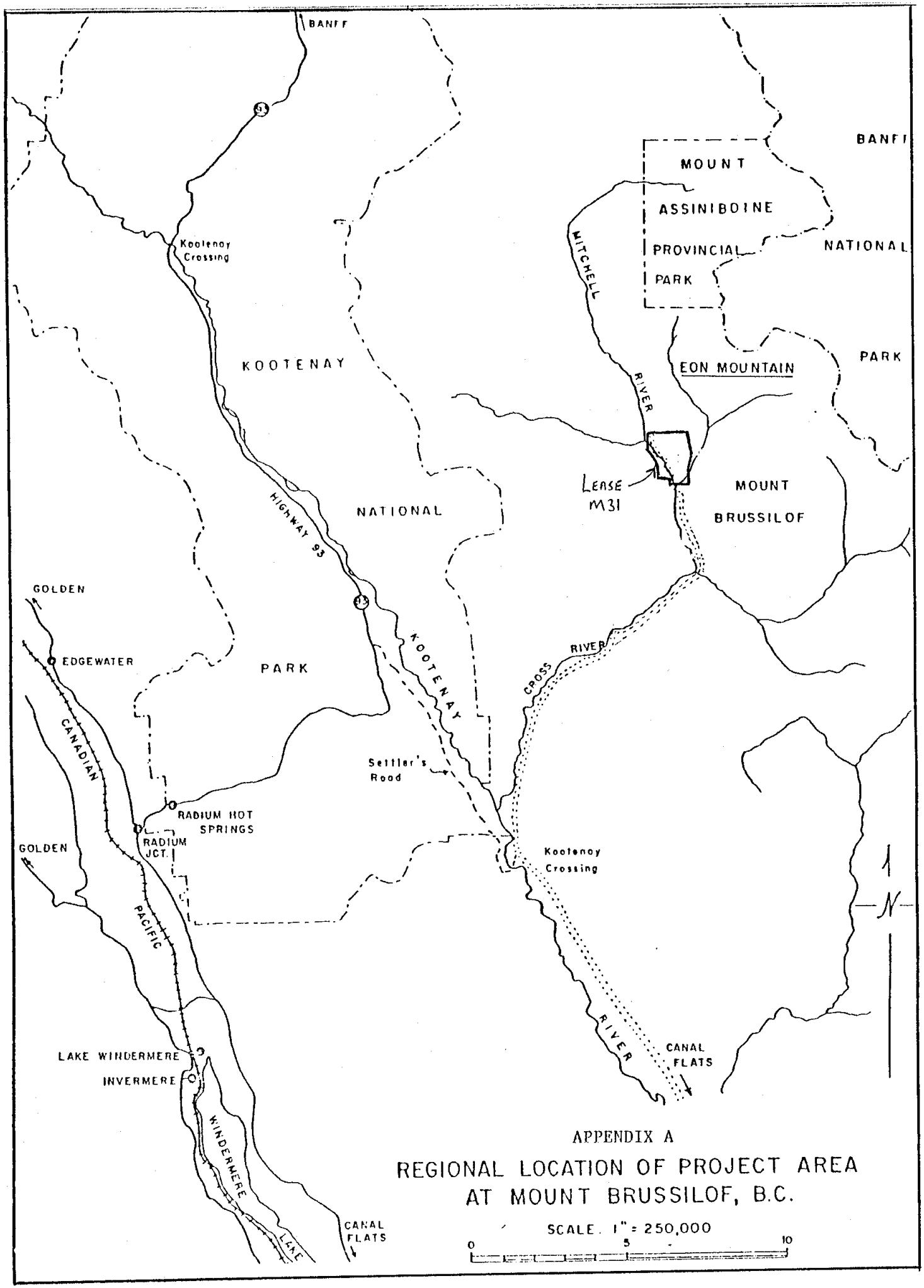
TABLE 3.2 ITEMIZED COSTS

ITEM	UNIT	UNIT COST	QUANT.	TOTAL COST
3. DRILL CHIP ANALYSIS				
3.1 Baymag Lab (Exshaw) -$MgO, Fe_2O_3, Al_2O_3, SiO_2$ -May 31, 1990 - May 31, 1991	sample	45	2155	$ 96,975
3.2 Baymag Lab (Exshaw) -$MgO, Fe_2O_3, Al_2O_3, SiO_2$ -June 1, 1991 - Sept. 26, 1991	sample	45	882	$ 39,690
				========
	GRAND TOTAL			$136,665

4.0 AUTHOR'S QUALIFICATIONS

I.R.J. Knuckey, B.Sc. Geology
Mine Geologist

- program supervision, descriptive core logs, geological interpretation, conclusions and report compilation



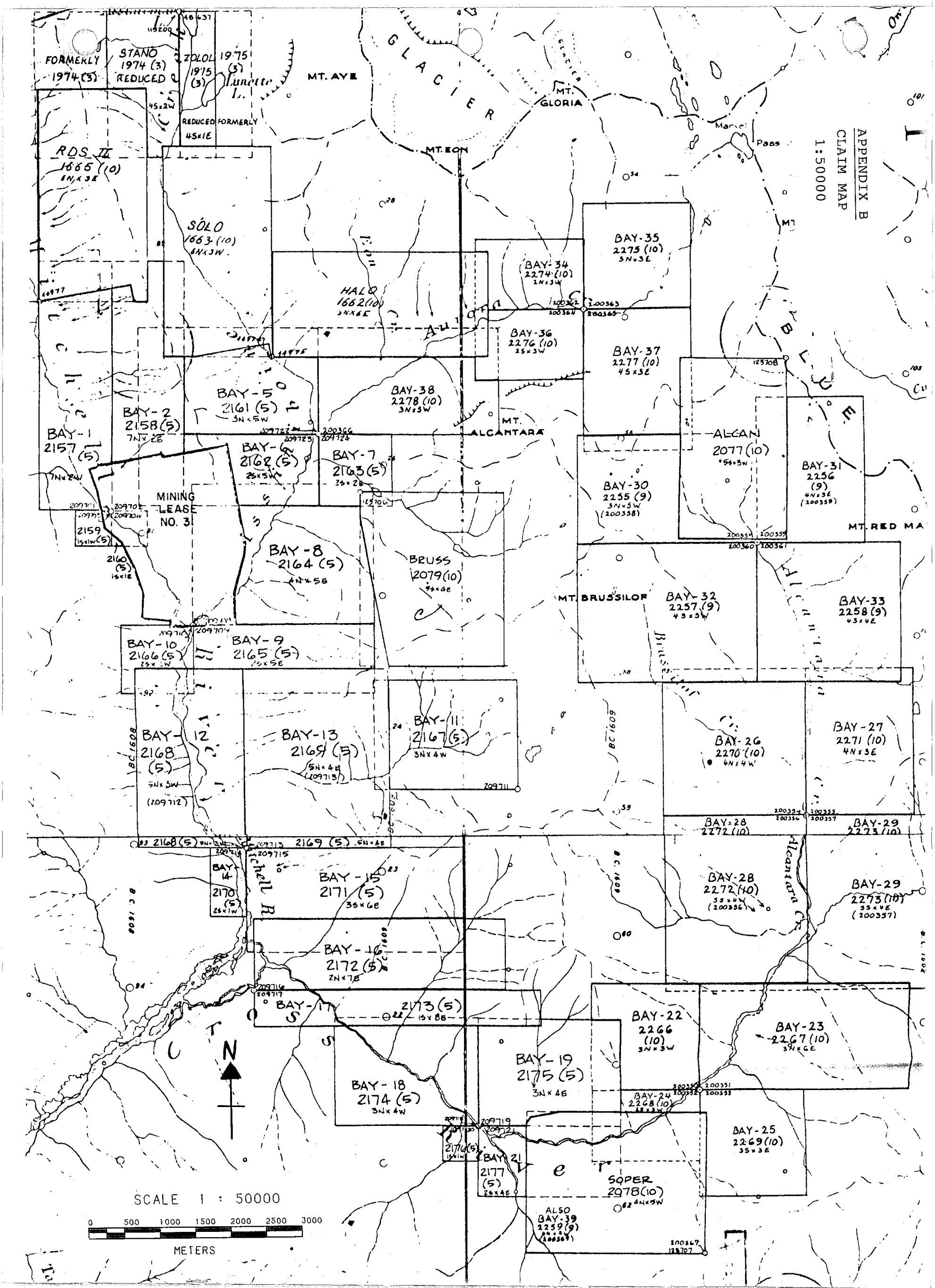
APPENDIX A

REGIONAL LOCATION OF PROJECT AREA AT MOUNT BRUSSILOF, B.C.

APPENDIX B

CLAIM MAP

1:50000



APPENDIX I

ASSAY SHEETS

May 31, 1990 - May 31, 1991

Pages 1 - 40

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
12481	3105.3	8209.6	1492.0	96.97	1.56	0.41	0.40	0.66
12482	3105.4	8206.9	1492.0	95.96	2.23	0.44	0.50	0.87
12483	3105.5	8204.2	1492.0	94.37	4.05	0.47	0.44	0.67
12484	3105.6	8201.5	1492.0	96.72	1.67	0.44	0.44	0.73
12485	3103.0	8201.2	1492.0	96.44	1.84	0.79	0.29	0.64
12486	3102.9	8203.9	1492.0	96.82	1.94	0.49	0.25	0.50
12487	3102.9	8206.7	1492.0	96.59	1.94	0.59	0.31	0.57
12488	3102.9	8209.5	1492.0	96.99	1.72	0.45	0.21	0.63
12489	3101.0	8209.4	1492.0	97.18	1.81	0.47	0.15	0.39
12490	3100.9	8206.5	1492.0	96.98	1.68	0.66	0.24	0.44
12491	3100.9	8203.6	1492.0	96.10	2.41	0.58	0.28	0.63
12492	3100.8	8200.6	1492.0	96.98	2.01	0.43	0.18	0.40
14915	2920.9	8074.0	1384.0	98.36	1.05	0.44	0.05	0.10
14916	2923.7	8074.5	1384.0	97.88	1.37	0.42	0.07	0.26
14917	2926.5	8075.1	1384.0	97.98	1.35	0.45	0.05	0.17
14918	2929.3	8075.7	1384.0	86.37	13.00	0.37	0.05	0.21
14919	2932.1	8076.2	1384.0	97.01	2.32	0.46	0.05	0.16
14920	2934.9	8076.8	1384.0	96.95	2.34	0.50	0.05	0.16
14921	2937.7	8077.4	1384.0	97.58	1.74	0.51	0.05	0.12
14922	2937.3	8080.0	1384.0	97.64	1.66	0.45	0.07	0.18
14923	2934.5	8079.5	1384.0	97.66	1.67	0.42	0.07	0.18
14924	2931.8	8078.9	1384.0	97.63	1.71	0.43	0.06	0.17
14924	2931.8	8078.9	1384.0	97.63	1.71	0.43	0.06	0.17
14925	2929.0	8078.4	1384.0	97.70	1.71	0.42	0.04	0.13
14926	2926.2	8077.8	1384.0	98.40	1.14	0.38	0.02	0.06
14927	2923.5	8077.3	1384.0	98.58	0.94	0.41	0.02	0.05
14927	2923.5	8077.3	1384.0	98.58	0.94	0.41	0.02	0.05
14928	2920.7	8076.7	1384.0	98.40	1.02	0.50	0.02	0.06
14929	2920.5	8079.5	1384.0	97.85	1.48	0.45	0.03	0.19
14930	2923.3	8080.0	1384.0	98.13	1.17	0.54	0.04	0.12
14931	2926.0	8080.5	1384.0	98.36	1.03	0.50	0.04	0.07
14932	2928.7	8081.1	1384.0	98.38	1.03	0.49	0.04	0.06
14933	2931.5	8081.6	1384.0	98.25	1.12	0.46	0.06	0.11
14934	2934.2	8082.1	1384.0	98.01	1.16	0.45	0.12	0.26
14935	2936.9	8082.7	1384.0	97.58	1.80	0.48	0.05	0.09
14936	2946.0	8079.1	1384.0	97.76	1.50	0.48	0.06	0.20
14937	2945.6	8081.7	1384.0	97.71	1.47	0.48	0.09	0.25
14938	2945.1	8084.3	1384.0	97.69	1.36	0.51	0.15	0.29
14939	2944.7	8086.8	1384.0	97.58	1.64	0.45	0.12	0.21
14940	2944.2	8089.4	1384.0	97.89	1.39	0.45	0.09	0.18
14941	2941.6	8088.9	1384.0	98.02	1.44	0.42	0.03	0.09
14942	2942.0	8086.3	1384.0	91.56	5.25	2.54	0.18	0.47
14943	2942.4	8083.7	1384.0	97.03	1.72	0.54	0.21	0.50
14944	2942.8	8081.1	1384.0	97.26	1.94	0.49	0.10	0.21
14945	2943.2	8078.5	1384.0	97.53	1.64	0.56	0.08	0.19
14946	2940.5	8078.0	1384.0	97.07	2.29	0.49	0.05	0.10
14947	2940.1	8080.6	1384.0	97.61	1.45	0.52	0.18	0.24
14948	2939.7	8083.2	1384.0	96.84	2.29	0.45	0.14	0.28
14949	2939.3	8085.8	1384.0	97.07	2.27	0.48	0.05	0.13
14950	2938.9	8088.4	1384.0	97.54	1.87	0.45	0.05	0.09
14951	2936.6	8085.3	1384.0	98.36	1.01	0.45	0.03	0.15
14952	2936.2	8087.9	1384.0	51.08	46.50	0.48	0.68	1.26
15426	2941.1	8091.5	1384.0	97.95	1.12	0.64	0.08	0.21
15427	2938.5	8091.0	1384.0	98.00	1.20	0.60	0.07	0.13
15428	2935.8	8090.6	1384.0	97.51	1.51	0.72	0.10	0.16

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
15429	2933.2	8090.1	1384.0	97.24	1.79	0.70	0.06	0.21
15430	2933.5	8087.5	1384.0	98.17	1.00	0.58	0.10	0.15
15431	2933.9	8084.8	1384.0	97.94	1.12	0.47	0.12	0.35
15432	2931.1	8084.3	1384.0	98.32	1.01	0.45	0.05	0.17
15433	2930.8	8087.0	1384.0	97.64	1.71	0.50	0.03	0.12
15434	2930.5	8089.6	1384.0	97.79	1.54	0.51	0.03	0.13
15435	2930.2	8092.3	1384.0	97.75	1.27	0.60	0.09	0.29
15436	2932.9	8092.8	1384.0	98.10	1.08	0.63	0.04	0.15
15437	2935.5	8093.2	1384.0	94.90	4.07	0.87	0.05	0.11
15438	2938.1	8093.7	1384.0	97.91	1.17	0.71	0.08	0.13
15439	2940.7	8094.1	1384.0	98.12	1.20	0.56	0.05	0.07
15440	2943.4	8094.6	1384.0	98.23	1.10	0.53	0.05	0.09
15441	2944.7	8095.2	1384.0	97.38	1.79	0.62	0.06	0.15
15442	2917.5	8082.0	1384.0	98.20	0.98	0.61	0.06	0.15
15443	2920.3	8082.3	1384.0	98.30	1.01	0.55	0.04	0.10
15444	2923.0	8082.8	1384.0	97.92	1.50	0.46	0.04	0.08
15445	2925.7	8083.3	1384.0	98.22	1.10	0.46	0.06	0.16
15446	2928.4	8083.8	1384.0	98.12	1.22	0.48	0.05	0.13
15447	2928.2	8086.5	1384.0	98.30	1.06	0.49	0.04	0.11
15448	2927.9	8089.2	1384.0	95.05	4.05	0.57	0.10	0.23
15449	2927.6	8091.9	1384.0	97.47	1.61	0.74	0.06	0.12
15450	2917.4	8084.8	1384.0	97.93	1.40	0.56	0.03	0.08
15451	2920.1	8085.0	1384.0	95.54	3.40	0.93	0.04	0.09
15452	2922.8	8085.5	1384.0	98.01	1.30	0.57	0.03	0.09
15453	2925.5	8086.0	1384.0	98.41	1.01	0.44	0.05	0.09
15454	2925.2	8088.7	1384.0	97.98	1.06	0.81	0.05	0.10
15455	2922.6	8088.2	1384.0	97.91	1.14	0.77	0.06	0.12
15456	2919.9	8087.8	1384.0	98.00	1.08	0.90	0.01	0.01
15457	2917.2	8087.3	1384.0	98.02	1.13	0.81	0.01	0.03
15458	2917.0	8089.1	1384.0	96.56	2.50	0.82	0.02	0.10
15459	2919.7	8090.6	1384.0	97.93	1.24	0.76	0.02	0.05
15460	2922.4	8091.0	1384.0	92.95	5.45	0.90	0.03	0.67
15461	2925.0	8091.5	1384.0	97.03	2.27	0.56	0.04	0.10
15551	2940.6	8029.7	1378.0	98.02	1.25	0.48	0.07	0.18
15552	2937.5	8029.6	1378.0	98.22	1.06	0.50	0.09	0.13
15553	2938.0	8026.9	1378.0	97.20	1.95	0.51	0.12	0.22
15554	2938.3	8024.1	1378.0	96.92	2.24	0.50	0.10	0.24
15555	2938.7	8021.1	1378.0	95.65	3.39	0.55	0.13	0.28
15556	2939.1	8018.4	1378.0	97.91	1.37	0.53	0.08	0.11
15557	2935.3	8020.9	1378.0	97.09	2.31	0.42	0.08	0.10
15558	2934.9	8023.7	1378.0	98.14	1.20	0.46	0.08	0.12
15559	2934.4	8026.6	1378.0	98.12	1.15	0.54	0.07	0.12
15560	2934.1	8029.1	1378.0	97.83	1.29	0.51	0.16	0.21
15561	2931.4	8029.1	1378.0	97.04	1.99	0.60	0.13	0.24
15562	2931.4	8026.3	1378.0	97.82	1.46	0.50	0.09	0.13
15563	2931.9	8023.1	1378.0	98.34	1.03	0.45	0.07	0.11
15564	2932.5	8020.5	1378.0	97.40	1.98	0.45	0.07	0.10
15565	2933.2	8017.5	1378.0	97.97	1.39	0.46	0.07	0.11
15566	2931.3	8014.3	1378.0	96.41	2.66	0.57	0.10	0.26
15567	2930.5	8017.1	1378.0	98.02	1.26	0.47	0.09	0.16
15568	2929.7	8019.9	1378.0	98.03	1.21	0.45	0.11	0.20
15569	2929.1	8022.9	1378.0	97.05	1.19	1.30	0.16	0.30
15570	2923.0	8025.0	1378.0	96.44	2.69	0.58	0.09	0.20
15571	2923.7	8022.0	1378.0	97.44	1.46	0.49	0.23	0.38
15572	2924.5	8019.0	1378.0	97.90	1.20	0.51	0.12	0.27

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
15573	2925.2	8016.0	1378.0	97.56	1.33	0.47	0.24	0.40
15574	2925.9	8013.6	1378.0	97.52	1.45	0.52	0.13	0.38
15575	2922.6	8016.0	1378.0	97.71	1.24	0.60	0.12	0.33
15576	2922.0	8018.8	1378.0	97.10	1.61	0.50	0.27	0.52
15577	2921.3	8021.7	1378.0	97.85	1.17	0.60	0.10	0.28
15578	2920.7	8024.5	1378.0	97.61	1.31	0.54	0.15	0.39
15579	2918.3	8024.0	1378.0	97.58	1.27	0.47	0.26	0.42
15580	2919.5	8018.6	1378.0	97.11	1.42	0.49	0.26	0.72
15581	2920.1	8015.9	1378.0	97.23	1.43	0.51	0.25	0.58
15582	2916.0	8023.5	1378.0	97.22	1.29	0.43	0.32	0.74
15583	2928.6	8014.0	1378.0	97.79	1.21	0.53	0.18	0.29
15584	2927.9	8016.6	1378.0	94.67	3.96	0.50	0.28	0.59
15585	2927.0	8019.6	1378.0	97.96	1.24	0.42	0.12	0.26
15586	2926.2	8022.7	1378.0	98.19	1.07	0.46	0.08	0.20
15587	2925.6	8025.5	1378.0	97.19	1.86	0.57	0.12	0.26
15588	2928.4	8025.7	1378.0	92.85	2.91	3.56	0.20	0.48
15589	2929.9	8026.3	1378.0	96.75	1.90	0.77	0.21	0.37
15590	2929.5	8029.1	1378.0	97.37	1.39	0.55	0.25	0.44
15591	2927.7	8028.7	1378.0	97.68	1.36	0.70	0.07	0.19
15592	2922.4	8027.7	1378.0	94.21	2.42	2.58	0.28	0.51
15593	2920.1	8027.0	1378.0	95.40	3.28	0.59	0.23	0.50
15594	2917.8	8026.7	1378.0	96.48	1.81	0.64	0.32	0.75
15595	2915.5	8026.1	1378.0	96.58	1.43	0.78	0.33	0.88
15596	2917.3	8029.0	1378.0	96.36	2.02	0.52	0.31	0.79
15597	2919.7	8030.1	1378.0	96.41	1.73	0.71	0.35	0.80
15598	2921.7	8030.8	1378.0	96.74	1.66	0.68	0.30	0.62
15599	2920.7	8034.0	1378.0	96.95	1.51	0.68	0.29	0.57
15600	2918.7	8033.0	1378.0	96.92	1.52	0.83	0.23	0.50
15601	2916.6	8032.1	1378.0	96.68	1.74	0.68	0.25	0.65
15602	2914.6	8031.2	1378.0	97.11	1.50	0.53	0.22	0.64
15603	2924.4	8031.9	1378.0	96.37	2.43	0.57	0.15	0.48
15604	2922.8	8034.9	1378.0	95.80	1.73	1.76	0.22	0.49
15605	2914.5	8042.5	1378.0	97.55	1.47	0.45	0.21	0.32
15606	2917.0	8043.1	1378.0	97.13	1.80	0.47	0.22	0.38
15607	2919.6	8043.7	1378.0	96.87	1.69	0.53	0.27	0.64
15608	2922.1	8044.4	1378.0	96.27	2.13	0.54	0.36	0.70
15609	2924.7	8045.0	1378.0	96.95	1.62	0.51	0.29	0.63
15610	2927.2	8045.6	1378.0	96.40	2.08	0.56	0.32	0.64
15611	2929.8	8046.2	1378.0	97.19	1.60	0.61	0.21	0.39
15612	2929.1	8049.0	1378.0	95.69	2.02	1.54	0.29	0.46
15613	2926.7	8048.3	1378.0	94.89	2.91	0.52	0.61	1.07
15614	2924.2	8047.7	1378.0	97.27	1.70	0.46	0.23	0.34
15615	2921.8	8047.1	1378.0	96.60	2.07	0.51	0.31	0.51
15616	2919.4	8046.5	1378.0	95.00	3.67	0.54	0.30	0.49
15617	2917.0	8045.9	1378.0	96.07	2.27	0.53	0.50	0.63
15618	2914.6	8045.3	1378.0	96.45	2.15	0.72	0.26	0.42
15619	2914.7	8048.2	1378.0	96.62	2.26	0.54	0.18	0.40
15620	2916.9	8048.7	1378.0	96.90	1.98	0.49	0.24	0.39
15621	2919.2	8049.3	1378.0	97.11	1.85	0.50	0.21	0.33
15622	2921.5	8049.9	1378.0	96.21	2.93	0.59	0.08	0.19
15623	2926.1	8051.1	1378.0	97.11	1.97	0.67	0.05	0.20
15624	2925.5	8053.9	1378.0	97.19	2.11	0.49	0.07	0.14
15625	2923.4	8053.3	1378.0	97.54	1.63	0.64	0.04	0.15
15626	2921.2	8052.7	1378.0	95.06	3.96	0.61	0.12	0.25
15627	2919.1	8052.1	1378.0	96.83	2.26	0.64	0.07	0.20

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
15628	2916.9	8051.6	1378.0	96.50	2.55	0.54	0.10	0.31
15629	2916.9	8054.4	1378.0	95.54	3.02	0.48	0.36	0.60
15630	2918.9	8055.0	1378.0	97.03	2.07	0.48	0.14	0.28
15631	2920.9	8055.5	1378.0	94.51	4.73	0.44	0.11	0.21
15632	2923.0	8056.1	1378.0	96.18	2.93	0.42	0.17	0.30
15633	2922.5	8058.9	1378.0	97.26	2.03	0.47	0.09	0.15
15634	2920.6	8058.3	1378.0	97.56	1.75	0.45	0.09	0.15
15635	2918.7	8057.8	1378.0	95.15	4.23	0.47	0.04	0.11
15636	2916.8	8057.2	1378.0	96.97	2.16	0.56	0.06	0.25
15637	2914.9	8056.7	1378.0	97.51	1.69	0.48	0.08	0.24
15638	2914.8	8053.8	1378.0	96.10	2.94	0.55	0.12	0.29
15639	2914.7	8051.0	1378.0	97.12	1.94	0.52	0.15	0.27
15640	2925.0	8056.6	1378.0	96.78	2.35	0.43	0.17	0.27
15641	2924.4	8059.4	1378.0	97.99	1.30	0.44	0.10	0.17
15642	2926.4	8060.0	1378.0	98.04	1.29	0.38	0.11	0.18
15643	2927.0	8057.2	1378.0	96.78	2.44	0.43	0.12	0.23
15644	2927.7	8054.5	1378.0	96.90	2.40	0.59	0.02	0.09
15645	2928.4	8051.7	1378.0	97.35	1.71	0.65	0.09	0.20
15646	2932.3	8046.8	1378.0	97.69	1.36	0.57	0.13	0.25
15647	2931.7	8049.6	1378.0	95.89	1.58	0.74	0.79	1.00
15648	2931.0	8052.3	1378.0	96.98	2.11	0.64	0.10	0.17
15649	2930.4	8055.1	1378.0	97.97	1.34	0.42	0.10	0.17
15650	2929.7	8057.8	1378.0	97.89	1.34	0.40	0.14	0.23
15651	2933.5	8053.0	1378.0	97.29	2.09	0.42	0.05	0.15
15652	2934.2	8050.2	1378.0	97.77	1.45	0.46	0.11	0.21
15653	2934.9	8047.4	1378.0	97.87	1.47	0.44	0.07	0.15
15654	2937.4	8048.1	1378.0	97.40	1.74	0.47	0.15	0.24
15655	2936.7	8050.9	1378.0	95.94	3.19	0.42	0.17	0.28
15656	2936.0	8053.6	1378.0	97.13	2.07	0.46	0.13	0.21
15657	2935.3	8056.5	1378.0	97.34	1.73	0.40	0.19	0.34
15658	2937.7	8057.1	1378.0	97.34	1.79	0.38	0.18	0.31
15659	2938.5	8054.3	1378.0	97.64	1.53	0.44	0.14	0.25
15660	2939.2	8051.5	1378.0	96.79	2.51	0.44	0.08	0.18
15661	2939.9	8048.7	1378.0	97.97	1.32	0.43	0.09	0.19
15662	2942.5	8049.3	1378.0	97.62	1.71	0.50	0.06	0.11
15663	2941.7	8052.1	1378.0	97.20	1.67	0.49	0.25	0.39
15664	2941.0	8054.9	1378.0	97.23	1.77	0.43	0.23	0.34
15665	2940.2	8057.7	1378.0	98.06	1.27	0.41	0.09	0.17
15666	2932.9	8055.8	1378.0	97.44	1.80	0.43	0.13	0.20
15667	2932.2	8058.6	1378.0	97.89	1.46	0.41	0.08	0.16
15668	2934.5	8059.2	1378.0	97.11	1.79	0.40	0.27	0.43
15669	2938.7	8063.4	1378.0	97.71	1.54	0.44	0.11	0.20
15670	2938.0	8066.2	1378.0	96.87	2.00	0.41	0.24	0.48
15671	2937.2	8069.0	1378.0	97.42	1.84	0.43	0.11	0.20
15672	2934.9	8068.4	1378.0	96.72	2.24	0.47	0.16	0.41
15673	2935.5	8065.5	1378.0	97.29	1.99	0.43	0.10	0.19
15674	2936.2	8062.7	1378.0	97.43	1.77	0.43	0.13	0.24
15675	2933.8	8062.0	1378.0	97.75	1.21	0.47	0.17	0.40
15676	2933.1	8064.9	1378.0	97.57	1.52	0.45	0.15	0.31
15677	2932.5	8067.7	1378.0	97.66	1.46	0.39	0.18	0.31
15678	2930.1	8067.1	1378.0	97.79	1.37	0.44	0.17	0.23
15679	2930.9	8064.2	1378.0	97.65	1.64	0.41	0.12	0.18
15680	2931.5	8061.4	1378.0	97.97	1.30	0.40	0.13	0.20
15681	2929.1	8060.6	1378.0	98.12	1.25	0.42	0.08	0.13
15682	2928.5	8063.4	1378.0	97.53	1.79	0.47	0.08	0.13

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
15683	2927.7	8066.5	1378.0	91.96	7.30	0.53	0.09	0.12
15684	2925.7	8062.7	1378.0	97.77	1.54	0.48	0.09	0.12
15685	2923.4	8061.9	1378.0	96.78	2.37	0.54	0.10	0.21
15686	2921.3	8061.3	1378.0	96.34	2.79	0.45	0.14	0.28
15687	2917.1	8060.1	1378.0	95.32	2.03	2.14	0.14	0.37
15688	2915.0	8059.5	1378.0	94.31	4.40	0.80	0.14	0.35
15701	2874.3	8164.8	1378.0	83.83	15.60	0.38	0.03	0.16
15702	2872.6	8166.9	1378.0	97.59	1.63	0.47	0.07	0.24
15703	2873.9	8168.3	1378.0	95.80	2.57	0.61	0.36	0.66
15704	2875.8	8166.2	1378.0	96.25	3.09	0.47	0.02	0.17
15705	2877.6	8164.2	1378.0	89.00	10.40	0.44	0.03	0.13
15706	2875.3	8170.1	1378.0	95.35	3.40	0.64	0.18	0.43
15707	2877.0	8168.1	1378.0	96.94	2.43	0.43	0.04	0.16
15708	2878.6	8166.0	1378.0	98.09	1.41	0.45	0.01	0.04
15709	2880.3	8164.0	1378.0	98.21	1.25	0.44	0.02	0.08
15710	2882.0	8161.9	1378.0	98.51	0.94	0.45	0.02	0.08
15711	2883.7	8159.8	1378.0	97.33	1.73	0.57	0.12	0.25
15712	2885.0	8161.4	1378.0	97.93	1.22	0.42	0.11	0.32
15713	2883.4	8163.5	1378.0	98.13	0.94	0.66	0.08	0.19
15714	2881.8	8165.6	1378.0	97.36	2.01	0.47	0.04	0.12
15715	2880.2	8167.7	1378.0	97.31	2.24	0.41	0.01	0.03
15716	2878.6	8169.8	1378.0	97.06	1.73	0.55	0.19	0.47
15717	2877.0	8171.9	1378.0	97.04	1.43	0.48	0.33	0.72
15718	2875.4	8174.0	1378.0	95.77	2.65	0.66	0.30	0.62
15719	2873.8	8176.1	1378.0	97.11	2.02	0.50	0.10	0.27
15720	2872.2	8178.2	1378.0	95.91	3.30	0.42	0.09	0.28
15721	2870.3	8176.4	1378.0	97.08	2.01	0.46	0.13	0.32
15722	2872.0	8174.3	1378.0	96.53	2.80	0.42	0.06	0.19
15723	2873.6	8172.2	1378.0	97.70	1.69	0.39	0.05	0.17
15724	2872.1	8170.4	1378.0	97.68	1.83	0.41	0.02	0.06
15725	2870.2	8172.4	1378.0	97.45	2.01	0.44	0.02	0.08
15726	2942.0	8043.4	1378.0	95.73	2.71	0.64	0.27	0.65
15727	2942.3	8045.6	1378.0	84.38	13.25	0.46	0.59	1.32
15728	2937.3	8044.8	1378.0	97.10	1.40	0.45	0.35	0.70
15729	2937.1	8042.5	1378.0	97.55	1.58	0.43	0.11	0.33
15730	2934.8	8044.4	1378.0	97.20	1.45	0.42	0.29	0.64
15731	2932.4	8044.0	1378.0	97.65	1.33	0.47	0.15	0.40
15732	2932.2	8041.6	1378.0	97.46	1.47	0.44	0.15	0.48
15733	2929.8	8041.2	1378.0	97.57	1.32	0.46	0.19	0.46
15734	2929.9	8043.6	1378.0	96.91	2.19	0.47	0.11	0.32
15735	2927.4	8043.2	1378.0	97.97	1.60	0.40	0.02	0.01
15736	2927.3	8040.8	1378.0	98.04	1.48	0.41	0.01	0.06
15737	2924.9	8040.3	1378.0	96.91	2.62	0.45	0.01	0.01
15738	2924.9	8042.8	1378.0	97.86	1.68	0.42	0.01	0.03
15739	2922.4	8042.4	1378.0	97.66	1.84	0.47	0.01	0.02
15740	2922.4	8039.9	1378.0	97.92	1.44	0.46	0.04	0.14
15741	2920.6	8036.5	1378.0	97.76	1.46	0.45	0.13	0.20
15742	2920.0	8039.5	1378.0	97.85	1.32	0.45	0.16	0.22
15743	2919.9	8042.0	1378.0	97.64	1.67	0.48	0.07	0.14
15744	2917.5	8041.6	1378.0	98.04	1.05	0.52	0.09	0.30
15745	2917.6	8039.0	1378.0	97.78	1.39	0.48	0.10	0.25
15746	2915.2	8036.0	1378.0	97.76	1.27	0.49	0.15	0.33
15747	2915.1	8038.6	1378.0	97.86	1.17	0.47	0.17	0.33
15748	2915.0	8041.2	1378.0	97.49	1.53	0.48	0.18	0.32
15826	2935.1	8082.8	1378.0	97.84	1.30	0.54	0.12	0.20

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
15827	2932.8	8083.7	1378.0	97.99	1.17	0.55	0.10	0.19
15828	2930.2	8083.5	1378.0	97.87	1.33	0.53	0.08	0.19
15829	2927.5	8083.4	1378.0	98.16	1.06	0.49	0.07	0.22
15830	2924.9	8083.2	1378.0	96.89	2.20	0.48	0.11	0.32
15831	2922.2	8083.0	1378.0	98.24	1.07	0.45	0.06	0.18
15832	2921.9	8084.3	1378.0	95.43	3.48	0.58	0.07	0.44
15833	2924.5	8084.4	1378.0	98.60	0.93	0.42	0.01	0.04
15834	2927.0	8084.6	1378.0	98.07	1.20	0.48	0.06	0.19
15835	2929.6	8084.8	1378.0	98.13	1.13	0.47	0.07	0.20
15836	2932.2	8085.0	1378.0	97.82	1.28	0.49	0.11	0.30
15837	2934.8	8085.1	1378.0	98.13	1.11	0.48	0.07	0.21
15838	2934.1	8087.8	1378.0	91.57	7.30	0.51	0.16	0.46
15839	2931.6	8087.6	1378.0	97.01	2.11	0.53	0.09	0.26
15840	2929.0	8087.4	1378.0	97.70	1.28	0.64	0.11	0.27
15841	2926.4	8087.2	1378.0	98.35	1.09	0.51	0.02	0.03
15842	2928.4	8090.1	1378.0	96.89	2.21	0.81	0.03	0.06
15843	2931.0	8090.3	1378.0	98.17	1.08	0.61	0.04	0.10
15844	2933.5	8090.5	1378.0	97.58	1.33	0.89	0.07	0.13
15845	2919.6	8082.8	1378.0	97.41	1.31	0.68	0.14	0.46
15846	2917.1	8082.6	1378.0	98.27	1.07	0.48	0.05	0.13
15847	2914.5	8082.3	1378.0	98.35	0.97	0.50	0.06	0.12
15848	2914.2	8083.8	1378.0	97.66	1.51	0.44	0.13	0.26
15849	2916.8	8083.9	1378.0	98.59	0.86	0.45	0.03	0.07
15850	2919.3	8084.1	1378.0	98.52	0.84	0.52	0.04	0.08
15851	2923.9	8087.0	1378.0	98.45	0.93	0.55	0.01	0.06
15852	2921.3	8086.9	1378.0	98.24	1.04	0.61	0.03	0.08
15853	2918.7	8086.7	1378.0	98.28	1.06	0.55	0.03	0.08
15854	2916.2	8086.5	1378.0	98.47	0.91	0.53	0.03	0.06
15855	2913.6	8086.3	1378.0	98.29	0.81	0.78	0.04	0.08
15856	2911.1	8086.1	1378.0	98.46	0.89	0.60	0.02	0.03
15857	2910.6	8088.7	1378.0	98.19	1.01	0.72	0.02	0.06
15858	2913.1	8088.9	1378.0	98.08	1.01	0.74	0.06	0.11
15859	2915.6	8089.1	1378.0	96.78	2.06	1.06	0.03	0.07
15860	2918.2	8089.3	1378.0	98.32	1.04	0.54	0.03	0.07
15861	2920.7	8089.5	1378.0	91.89	7.20	0.60	0.09	0.22
15862	2923.3	8089.7	1378.0	88.77	10.40	0.47	0.10	0.26
15863	2925.8	8089.9	1378.0	97.85	1.34	0.62	0.10	0.09
15864	2932.9	8093.2	1378.0	97.30	1.46	1.00	0.06	0.18
15865	2930.3	8093.0	1378.0	98.20	1.04	0.61	0.05	0.10
15866	2927.8	8092.7	1378.0	98.20	1.06	0.56	0.05	0.13
15867	2925.2	8092.5	1378.0	97.65	1.42	0.79	0.04	0.10
15868	2922.7	8092.3	1378.0	94.10	4.80	0.86	0.08	0.16
15869	2920.1	8092.1	1378.0	97.85	1.52	0.44	0.06	0.13
15870	2917.6	8091.9	1378.0	97.06	2.02	0.76	0.05	0.11
15871	2915.1	8091.6	1378.0	96.87	1.77	1.17	0.06	0.13
15872	2912.5	8091.4	1378.0	97.95	1.07	0.72	0.10	0.16
15873	2910.0	8091.2	1378.0	97.70	1.28	0.80	0.11	0.11
15901	2868.4	8174.5	1378.0	97.95	1.39	0.52	0.03	0.11
15902	2874.1	8180.1	1378.0	96.88	2.48	0.42	0.06	0.16
15903	2875.6	8177.9	1378.0	96.82	2.70	0.42	0.01	0.05
15904	2877.2	8175.8	1378.0	95.48	3.75	0.47	0.10	0.20
15905	2878.7	8173.6	1378.0	97.38	1.80	0.46	0.14	0.22
15906	2880.2	8171.5	1378.0	97.09	1.91	0.58	0.13	0.29
15907	2881.7	8169.4	1378.0	97.78	1.58	0.57	0.01	0.06
15908	2883.2	8167.2	1378.0	93.63	5.60	0.54	0.03	0.20

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
15909	2884.7	8165.1	1378.0	98.07	1.14	0.44	0.09	0.26
15910	2886.2	8163.0	1378.0	97.36	1.33	0.63	0.22	0.46
15911	2887.5	8164.5	1378.0	97.90	1.10	0.47	0.16	0.37
15912	2886.1	8166.7	1378.0	97.35	1.61	0.63	0.11	0.30
15913	2884.7	8168.9	1378.0	97.06	2.15	0.45	0.09	0.25
15914	2883.2	8171.1	1378.0	97.51	1.79	0.59	0.02	0.09
15915	2881.8	8173.2	1378.0	98.26	1.26	0.43	0.01	0.04
15916	2880.4	8175.4	1378.0	97.33	2.23	0.40	0.01	0.03
15917	2878.9	8177.6	1378.0	96.15	3.29	0.40	0.02	0.14
15918	2877.5	8179.8	1378.0	98.39	1.21	0.36	0.00	0.04
15919	2876.1	8181.9	1378.0	97.62	1.92	0.37	0.01	0.08
15920	2884.4	8157.3	1378.0	97.45	1.31	0.42	0.18	0.64
15921	2885.8	8159.1	1378.0	97.78	1.29	0.44	0.11	0.38
15922	2886.7	8156.9	1378.0	97.74	1.15	0.42	0.16	0.53
15923	2887.5	8154.6	1378.0	97.98	1.08	0.44	0.15	0.35
15926	3109.2	8281.1	1492.0	96.42	2.68	0.46	0.12	0.32
15927	3106.6	8278.5	1492.0	90.01	5.93	0.48	0.94	2.64
15928	3106.6	8276.1	1492.0	95.79	3.32	0.48	0.10	0.31
15929	3106.4	8273.7	1492.0	96.08	2.84	0.46	0.18	0.44
15930	3103.8	8273.5	1492.0	96.37	2.66	0.55	0.12	0.30
15931	3104.4	8278.4	1492.0	96.52	2.34	0.63	0.13	0.38
15932	3106.7	8281.0	1492.0	95.90	2.24	0.48	0.35	1.03
15933	3106.7	8283.5	1492.0	97.05	1.98	0.45	0.15	0.37
15934	3106.7	8288.4	1492.0	97.06	1.87	0.49	0.15	0.43
15935	3106.7	8290.8	1492.0	97.53	1.61	0.48	0.10	0.28
15936	3109.0	8288.6	1492.0	97.54	1.51	0.47	0.14	0.34
15937	3109.1	8286.1	1492.0	96.63	2.10	0.55	0.21	0.51
15938	3109.1	8283.7	1492.0	97.04	2.11	0.48	0.10	0.27
15939	3111.4	8286.3	1492.0	97.47	1.55	0.49	0.13	0.36
15941	3111.2	8289.0	1492.0	97.17	1.61	0.53	0.18	0.51
15942	3113.7	8289.2	1492.0	96.62	2.18	0.53	0.19	0.48
15943	3116.4	8289.5	1492.0	96.76	2.10	0.56	0.17	0.41
15944	3119.2	8289.8	1492.0	97.40	1.73	0.56	0.09	0.22
15945	3113.7	8286.7	1492.0	96.86	2.19	0.51	0.12	0.32
15946	3116.7	8286.9	1492.0	97.13	1.72	0.54	0.16	0.45
15947	3119.6	8287.2	1492.0	96.57	1.64	0.62	0.29	0.88
15948	3109.0	8291.0	1492.0	96.64	2.13	0.51	0.21	0.51
15949	3111.4	8291.2	1492.0	94.36	3.66	0.47	0.48	1.03
15950	3113.7	8291.3	1492.0	97.40	1.61	0.65	0.11	0.23
15951	3128.2	8268.5	1492.0	95.54	2.21	0.57	0.56	1.12
15952	3127.9	8270.8	1492.0	96.69	2.21	0.53	0.20	0.37
15953	3127.6	8273.0	1492.0	96.65	2.19	0.55	0.21	0.40
15954	3127.2	8275.2	1492.0	95.85	3.04	0.53	0.18	0.40
15955	3127.0	8277.8	1492.0	95.85	3.05	0.57	0.17	0.36
15956	3126.7	8280.3	1492.0	94.98	2.75	0.61	0.52	1.14
15957	3124.4	8279.6	1492.0	95.06	2.11	0.72	0.78	1.33
15958	3124.6	8277.3	1492.0	97.44	1.34	0.47	0.23	0.52
15959	3125.0	8275.0	1492.0	97.68	1.38	0.46	0.15	0.33
15960	3125.2	8272.7	1492.0	97.98	1.12	0.54	0.13	0.23
15961	3125.4	8270.2	1492.0	96.46	2.33	0.54	0.26	0.41
15962	3125.7	8268.1	1492.0	95.55	2.75	0.60	0.44	0.66
15963	3123.3	8267.7	1492.0	96.32	2.07	0.57	0.40	0.64
15964	3123.0	8269.7	1492.0	96.40	1.90	0.59	0.42	0.69
15965	3122.8	8272.4	1492.0	96.56	1.90	0.59	0.38	0.57
15966	3122.7	8274.6	1492.0	94.95	2.88	0.52	0.57	1.08

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
15967	3122.3	8276.9	1492.0	97.92	1.29	0.45	0.09	0.25
15968	3122.1	8279.2	1492.0	95.44	2.26	0.81	0.49	1.00
15969	3119.9	8278.9	1492.0	96.51	1.84	0.75	0.25	0.65
15970	3120.1	8276.7	1492.0	97.77	1.40	0.45	0.11	0.27
15971	3120.6	8274.3	1492.0	97.57	1.60	0.46	0.11	0.26
15972	3120.4	8272.1	1492.0	96.55	2.61	0.46	0.12	0.26
15973	3120.6	8269.6	1492.0	90.10	8.30	0.55	0.34	0.71
15974	3126.4	8282.8	1492.0	96.90	2.09	0.52	0.12	0.37
15975	3125.7	8287.8	1492.0	97.14	1.89	0.54	0.12	0.31
15976	3125.4	8290.3	1492.0	96.34	2.43	0.53	0.26	0.44
15977	3123.7	8285.1	1492.0	95.25	3.27	0.54	0.24	0.70
15978	3124.0	8282.7	1492.0	94.63	4.18	0.58	0.15	0.46
15979	3119.7	8282.1	1492.0	94.98	2.34	0.52	0.52	1.64
15980	3117.5	8278.5	1492.0	96.56	1.91	0.91	0.15	0.47
15981	3117.6	8276.3	1492.0	96.63	1.72	0.56	0.25	0.84
15982	3117.9	8274.0	1492.0	96.56	2.09	0.56	0.22	0.57
15983	3118.1	8271.8	1492.0	96.71	1.93	0.65	0.26	0.45
15984	3115.7	8271.5	1492.0	96.78	1.80	0.55	0.25	0.62
15985	3111.8	8274.0	1492.0	96.47	2.24	0.53	0.25	0.51
15986	3111.7	8276.5	1492.0	96.51	2.34	0.55	0.18	0.42
15987	3111.6	8279.1	1492.0	96.73	2.12	0.56	0.17	0.42
15988	3111.6	8281.4	1492.0	96.52	2.20	0.54	0.20	0.54
15989	3111.6	8284.0	1492.0	96.88	1.97	0.53	0.16	0.46
15990	3114.0	8284.2	1492.0	96.26	2.64	0.50	0.15	0.45
15991	3114.0	8281.7	1492.0	96.63	2.18	0.54	0.16	0.49
15992	3114.2	8279.4	1492.0	96.96	1.94	0.53	0.15	0.42
15993	3114.3	8276.8	1492.0	96.80	1.88	0.56	0.26	0.50
15994	3116.8	8279.5	1492.0	96.79	1.69	0.76	0.19	0.57
15995	3116.9	8282.0	1492.0	97.03	1.82	0.55	0.15	0.45
15996	3116.8	8284.4	1492.0	96.69	2.28	0.55	0.12	0.36
15997	3119.5	8284.7	1492.0	96.42	1.73	0.92	0.23	0.70
15998	3109.3	8273.9	1492.0	96.86	1.86	0.48	0.24	0.56
15999	3109.2	8276.2	1492.0	95.60	2.75	0.49	0.24	0.92
16000	3109.0	8278.8	1492.0	96.11	3.00	0.51	0.09	0.29
16001	3124.0	8264.0	1492.0	92.70	6.00	0.50	0.20	0.60
16002	3126.1	8264.1	1492.0	92.80	6.00	0.50	0.20	0.50
16003	3128.2	8264.2	1492.0	92.85	6.00	0.50	0.20	0.45
16004	3130.6	8264.3	1492.0	92.90	6.00	0.50	0.20	0.40
16005	3133.0	8264.3	1492.0	92.90	6.00	0.50	0.20	0.40
16006	3135.5	8264.4	1492.0	92.90	6.00	0.50	0.20	0.40
16007	3135.7	8266.9	1492.0	92.90	4.00	0.50	0.20	0.40
16008	3133.3	8266.7	1492.0	92.90	4.00	0.50	0.20	0.40
16009	3130.9	8266.5	1492.0	92.90	4.00	0.50	0.20	0.40
16010	3128.5	8266.2	1492.0	92.85	4.00	0.50	0.20	0.45
16011	3126.1	8266.0	1492.0	92.80	5.00	0.50	0.20	0.50
16012	3123.6	8265.8	1492.0	92.70	5.00	0.50	0.20	0.60
16076	2930.3	8006.3	1378.0	96.32	2.53	0.65	0.16	0.34
16077	2928.2	8005.0	1378.0	97.83	1.39	0.50	0.10	0.18
16078	2925.6	8005.9	1378.0	96.33	2.81	0.47	0.15	0.24
16079	2919.2	8006.6	1378.0	97.99	1.42	0.43	0.05	0.11
16080	2922.7	8007.1	1378.0	96.49	2.76	0.50	0.07	0.18
16081	2925.2	8007.5	1378.0	95.02	3.96	0.48	0.16	0.38
16082	2927.7	8008.0	1378.0	97.12	2.07	0.47	0.12	0.22
16083	2930.0	8008.8	1378.0	97.99	1.15	0.55	0.09	0.22
16084	2929.7	8011.2	1378.0	97.58	1.33	0.86	0.07	0.16

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
16085	2927.5	8010.5	1378.0	98.05	1.15	0.48	0.11	0.21
16086	2924.8	8010.0	1378.0	97.90	1.24	0.48	0.14	0.24
16087	2922.3	8009.6	1378.0	98.28	1.09	0.53	0.03	0.07
16088	2919.9	8008.7	1378.0	97.38	1.77	0.43	0.15	0.27
16090	2917.6	8008.0	1378.0	92.71	5.62	0.48	0.42	0.77
16091	2917.2	8010.7	1378.0	97.71	1.50	0.41	0.13	0.25
16092	2919.6	8011.3	1378.0	97.05	2.22	0.43	0.10	0.20
16093	2922.1	8011.8	1378.0	97.72	1.65	0.43	0.06	0.14
16094	2924.5	8012.4	1378.0	97.84	1.34	0.50	0.09	0.23
16095	2926.9	8013.0	1378.0	97.82	1.35	0.48	0.11	0.24
16096	2929.4	8013.7	1378.0	98.00	1.26	0.52	0.06	0.16
16097	2931.9	8014.4	1378.0	98.19	1.16	0.50	0.04	0.11
16098	2932.2	8012.0	1378.0	97.91	1.32	0.46	0.08	0.23
16099	2932.5	8009.7	1378.0	98.30	1.11	0.47	0.03	0.09
16100	2932.8	8007.4	1378.0	97.75	1.32	0.64	0.10	0.19
16101	2933.1	8005.0	1378.0	97.36	1.76	0.50	0.13	0.25
16102	2935.7	8006.1	1378.0	86.53	12.00	0.52	0.26	0.69
16103	2935.4	8008.4	1378.0	97.52	1.63	0.59	0.08	0.18
16104	2935.1	8010.6	1378.0	98.12	1.21	0.49	0.05	0.13
16105	2934.7	8012.8	1378.0	98.22	1.16	0.43	0.06	0.13
16106	2934.4	8015.0	1378.0	98.50	0.99	0.44	0.02	0.05
16107	2936.9	8015.7	1378.0	97.02	2.39	0.44	0.05	0.10
16108	2937.2	8013.6	1378.0	97.87	1.28	0.46	0.12	0.27
16109	2937.5	8011.6	1378.0	98.13	1.14	0.44	0.10	0.19
16110	2937.5	8009.4	1378.0	98.28	1.09	0.45	0.08	0.10
16111	2937.9	8007.2	1378.0	86.23	12.60	0.48	0.21	0.48
16112	2939.8	8010.4	1378.0	95.11	4.17	0.43	0.09	0.20
16113	2939.6	8012.4	1378.0	98.08	1.16	0.45	0.11	0.20
16114	2939.5	8014.5	1378.0	98.07	1.17	0.47	0.12	0.17
16115	2939.4	8016.6	1378.0	96.55	2.63	0.48	0.12	0.22
16116	2941.8	8017.5	1378.0	97.74	1.61	0.47	0.06	0.12
16117	2942.1	8015.4	1378.0	97.42	1.79	0.49	0.10	0.20
16118	2942.5	8013.3	1378.0	97.50	1.66	0.48	0.07	0.29
16119	2945.2	8013.6	1378.0	97.84	1.48	0.47	0.07	0.14
16120	2944.7	8016.0	1378.0	95.85	3.26	0.45	0.17	0.27
16121	2944.2	8018.4	1378.0	97.96	1.34	0.45	0.09	0.16
16122	2946.6	8019.3	1378.0	97.32	1.65	0.54	0.17	0.32
16123	2947.2	8016.6	1378.0	97.17	2.03	0.48	0.10	0.22
16124	2947.9	8014.0	1378.0	90.86	8.20	0.45	0.16	0.33
16125	2948.8	8017.7	1378.0	97.17	2.05	0.44	0.16	0.18
16126	2931.1	8001.5	1378.0	96.62	2.07	0.90	0.12	0.29
16127	2933.6	8003.1	1378.0	90.12	1.64	7.70	0.14	0.40
16128	2935.9	8004.1	1378.0	97.62	1.57	0.66	0.05	0.10
16129	2938.6	8005.2	1378.0	97.42	1.31	0.64	0.26	0.37
16130	2937.6	8002.6	1378.0	97.90	1.18	0.64	0.10	0.18
16131	2934.8	8001.5	1378.0	97.43	1.51	0.71	0.11	0.24
16132	2932.4	7999.8	1378.0	97.65	1.67	0.53	0.06	0.09
16133	2930.7	7997.4	1378.0	97.85	1.00	0.87	0.07	0.21
16134	2934.3	7998.8	1378.0	97.01	2.26	0.46	0.12	0.15
16135	2936.8	8000.1	1378.0	97.18	1.44	1.14	0.12	0.12
16136	2935.6	7997.1	1378.0	96.65	2.56	0.50	0.12	0.17
16137	2933.4	7996.2	1378.0	97.72	1.40	0.54	0.16	0.18
16138	2931.2	7995.9	1378.0	96.25	1.79	1.66	0.10	0.20
16139	2933.4	7993.0	1378.0	97.54	0.97	1.25	0.09	0.15
16140	2935.0	7994.5	1378.0	98.43	0.59	0.76	0.07	0.15

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
16141	2954.8	8033.8	1378.0	97.32	1.94	0.41	0.10	0.23
16142	2954.5	8035.3	1378.0	97.50	1.26	0.41	0.23	0.60
16143	2953.9	8038.3	1378.0	96.71	1.76	0.47	0.40	0.66
16144	2952.3	8044.6	1378.0	96.97	1.69	0.41	0.38	0.55
16145	2951.8	8046.3	1378.0	97.17	1.29	0.38	0.47	0.69
16146	2952.9	8033.6	1378.0	97.16	1.17	0.45	0.45	0.77
16147	2952.6	8035.2	1378.0	97.08	1.59	0.45	0.25	0.63
16148	2952.2	8036.7	1378.0	96.78	1.91	0.54	0.29	0.48
16149	2951.6	8039.7	1378.0	97.00	1.61	0.44	0.42	0.53
16150	2951.2	8041.3	1378.0	97.19	1.47	0.42	0.38	0.54
16151	2950.6	8042.8	1378.0	97.66	1.13	0.41	0.33	0.47
16152	2950.2	8044.5	1378.0	97.37	1.73	0.40	0.18	0.32
16153	2948.4	8044.3	1378.0	92.88	6.01	0.46	0.18	0.47
16154	2948.7	8042.8	1378.0	96.61	2.24	0.46	0.24	0.45
16155	2949.7	8039.6	1378.0	92.68	6.04	0.38	0.29	0.61
16156	2950.0	8038.0	1378.0	95.82	2.67	0.40	0.47	0.64
16157	2950.3	8036.5	1378.0	95.84	2.52	0.49	0.50	0.65
16158	2950.5	8035.1	1378.0	96.96	1.57	0.49	0.30	0.68
16159	2951.1	8033.4	1378.0	96.73	1.74	0.48	0.46	0.59
16160	2948.6	8035.1	1378.0	97.66	1.19	0.40	0.25	0.50
16161	2948.4	8036.6	1378.0	97.90	1.27	0.41	0.13	0.29
16162	2947.9	8039.6	1378.0	93.74	4.88	0.42	0.49	0.47
16163	2947.5	8041.0	1378.0	97.13	2.17	0.41	0.08	0.21
16164	2947.0	8042.6	1378.0	95.51	3.60	0.38	0.11	0.40
16165	2946.7	8044.2	1378.0	97.48	1.71	0.40	0.09	0.32
16166	2946.4	8046.0	1378.0	97.76	1.45	0.41	0.08	0.30
16167	2946.1	8047.7	1378.0	97.87	1.37	0.35	0.11	0.30
16168	2945.9	8049.3	1378.0	96.78	2.25	0.41	0.16	0.40
16169	2947.6	8049.5	1378.0	97.70	1.37	0.39	0.15	0.39
16170	2949.2	8049.5	1378.0	97.17	1.51	0.39	0.25	0.68
16171	2950.8	8049.6	1378.0	97.40	1.45	0.37	0.26	0.52
16172	2951.3	8047.9	1378.0	95.98	2.72	0.36	0.32	0.62
16173	2949.7	8047.9	1378.0	97.41	1.43	0.38	0.26	0.52
16174	2947.7	8047.8	1378.0	97.70	1.40	0.40	0.12	0.38
16175	2944.3	8049.0	1378.0	96.85	2.18	0.45	0.12	0.40
16176	2944.6	8047.4	1378.0	97.62	1.58	0.47	0.10	0.23
16177	2944.7	8045.6	1378.0	97.56	1.39	0.40	0.23	0.42
16178	2945.1	8044.0	1378.0	91.14	7.90	0.41	0.17	0.38
16179	2945.4	8042.4	1378.0	88.59	10.40	0.37	0.19	0.45
16180	2945.7	8040.9	1378.0	96.68	2.41	0.40	0.16	0.35
16181	2946.0	8039.5	1378.0	86.37	11.80	0.50	0.39	0.94
16182	2946.2	8037.9	1378.0	96.58	2.42	0.43	0.18	0.39
16183	2946.4	8036.5	1378.0	97.35	1.62	0.44	0.20	0.39
16184	2946.8	8034.9	1378.0	97.59	1.51	0.40	0.16	0.34
16185	2945.1	8034.8	1378.0	97.73	1.45	0.40	0.11	0.31
16186	2945.0	8036.2	1378.0	95.32	3.79	0.39	0.15	0.35
16187	2944.5	8037.7	1378.0	97.17	1.97	0.37	0.16	0.33
16188	2944.3	8039.3	1378.0	87.52	11.10	0.42	0.29	0.67
16189	2944.1	8040.8	1378.0	95.93	3.26	0.39	0.13	0.29
16190	2943.7	8042.3	1378.0	95.63	3.30	0.37	0.23	0.47
16191	2943.4	8043.8	1378.0	96.53	2.56	0.36	0.17	0.38
16192	2943.0	8045.6	1378.0	97.58	1.47	0.45	0.15	0.35
16193	2942.8	8047.2	1378.0	97.01	2.11	0.39	0.15	0.34
16194	2943.4	8034.1	1378.0	97.30	1.87	0.42	0.15	0.26
16195	2943.1	8036.4	1378.0	96.62	2.48	0.41	0.17	0.32

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
16196	2942.9	8038.9	1378.0	95.70	3.42	0.40	0.16	0.32
16197	2942.7	8041.2	1378.0	97.54	1.77	0.40	0.08	0.21
16198	2942.0	8043.2	1378.0	97.15	2.22	0.40	0.07	0.16
16199	2942.6	8048.7	1378.0	97.37	1.83	0.47	0.10	0.23
16200	2940.6	8048.6	1378.0	97.80	1.24	0.42	0.19	0.35
16201	2941.3	8045.9	1378.0	97.40	1.76	0.40	0.18	0.26
16202	2940.2	8033.7	1378.0	97.93	1.27	0.42	0.12	0.26
16203	2940.0	8036.1	1378.0	97.18	1.99	0.43	0.14	0.26
16204	2940.8	8037.9	1378.0	97.65	1.67	0.41	0.08	0.19
16205	2940.6	8040.6	1378.0	96.10	2.88	0.42	0.21	0.39
16206	2932.8	8033.4	1378.0	97.95	1.15	0.48	0.10	0.32
16207	2932.4	8035.6	1378.0	97.19	1.73	0.45	0.23	0.40
16208	2932.4	8038.1	1378.0	96.41	2.74	0.48	0.10	0.27
16209	2928.1	8038.2	1378.0	86.66	12.20	0.45	0.18	0.51
16210	2929.4	8036.1	1378.0	97.68	1.59	0.46	0.09	0.18
16211	2929.7	8033.9	1378.0	98.01	1.16	0.47	0.11	0.25
16212	2958.9	8027.1	1378.0	97.58	1.46	0.42	0.17	0.37
16213	2957.1	8026.6	1378.0	95.50	3.43	0.40	0.23	0.44
16214	2952.2	8026.1	1378.0	92.02	6.13	0.49	0.42	0.94
16215	2949.6	8027.6	1378.0	97.43	1.48	0.43	0.17	0.49
16216	2951.9	8028.0	1378.0	98.18	1.03	0.45	0.11	0.23
16217	2954.2	8028.1	1378.0	97.68	1.35	0.44	0.14	0.39
16218	2956.4	8028.3	1378.0	98.25	0.99	0.42	0.10	0.24
16219	2958.4	8028.9	1378.0	98.10	1.07	0.40	0.10	0.33
16220	2957.4	8030.6	1378.0	97.32	1.92	0.41	0.10	0.25
16221	2955.7	8030.2	1378.0	92.32	6.89	0.39	0.11	0.29
16222	2953.6	8029.9	1378.0	98.21	1.16	0.44	0.04	0.15
16223	2951.4	8030.0	1378.0	98.20	1.08	0.41	0.09	0.22
16224	2949.3	8029.9	1378.0	97.52	1.36	0.44	0.21	0.47
16225	2949.1	8031.8	1378.0	96.51	2.39	0.48	0.22	0.40
16226	2951.1	8031.8	1378.0	91.95	6.73	0.41	0.32	0.59
16227	2953.4	8031.7	1378.0	98.37	1.01	0.38	0.07	0.17
16228	2955.4	8032.1	1378.0	97.94	1.08	0.48	0.13	0.37
16229	2948.8	8033.6	1378.0	97.80	1.39	0.47	0.09	0.25
16230	2946.9	8033.5	1378.0	75.71	22.20	0.63	0.53	0.93
16231	2945.4	8033.2	1378.0	94.99	3.99	0.50	0.11	0.41
16232	2930.5	8031.8	1378.0	93.17	5.40	0.54	0.28	0.61
16233	2933.3	8032.0	1378.0	95.18	3.32	0.51	0.23	0.76
16234	2936.4	8032.3	1378.0	96.50	2.35	0.54	0.21	0.40
16235	2936.6	8033.9	1378.0	96.42	2.38	0.55	0.21	0.44
16236	2936.5	8036.1	1378.0	94.51	3.07	0.53	0.55	1.34
16237	2936.3	8038.1	1378.0	96.42	1.69	0.53	0.45	0.91
16238	2948.8	8020.3	1378.0	97.16	1.52	0.57	0.27	0.48
16239	2948.2	8023.0	1378.0	81.20	15.00	0.96	0.94	1.90
16240	2947.6	8025.8	1378.0	95.64	1.63	2.05	0.19	0.49
16241	2947.0	8028.5	1378.0	93.82	4.60	0.56	0.31	0.71
16242	2946.6	8030.9	1378.0	97.04	1.81	0.57	0.20	0.38
16243	2943.7	8030.3	1378.0	98.00	1.26	0.49	0.07	0.18
16244	2944.0	8027.9	1378.0	97.60	1.45	0.47	0.15	0.33
16245	2944.2	8025.2	1378.0	96.66	2.57	0.54	0.07	0.16
16246	2944.6	8022.4	1378.0	89.44	9.10	0.54	0.28	0.64
16247	2944.9	8019.5	1378.0	96.98	2.28	0.51	0.09	0.14
16248	2942.1	8019.0	1378.0	97.53	1.75	0.51	0.08	0.13
16249	2941.8	8021.9	1378.0	90.72	8.50	0.46	0.13	0.19
16250	2941.5	8024.6	1378.0	96.15	2.61	0.51	0.25	0.48

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
16826	3126.1	8237.2	1492.0	96.74	2.11	0.68	0.19	0.28
16827	3127.3	8237.1	1492.0	96.15	2.70	0.73	0.17	0.25
16828	3129.7	8236.9	1492.0	97.37	1.54	0.74	0.14	0.21
16829	3132.1	8236.7	1492.0	97.23	1.84	0.59	0.14	0.20
16830	3134.5	8236.5	1492.0	97.30	1.63	0.58	0.19	0.30
16831	3136.9	8236.2	1492.0	96.28	2.48	0.58	0.26	0.40
16832	3136.8	8238.7	1492.0	97.03	1.81	0.59	0.23	0.34
16833	3134.4	8238.9	1492.0	97.20	1.70	0.60	0.20	0.30
16834	3132.0	8239.1	1492.0	97.18	1.81	0.60	0.17	0.24
16835	3129.6	8239.3	1492.0	97.06	1.78	0.66	0.22	0.28
16836	3127.2	8239.5	1492.0	96.82	1.90	0.62	0.28	0.38
16837	3125.9	8239.6	1492.0	97.08	1.89	0.65	0.20	0.18
16838	3125.7	8242.0	1492.0	96.67	2.20	0.68	0.22	0.23
16839	3127.1	8242.0	1492.0	96.77	2.12	0.72	0.19	0.20
16840	3129.5	8241.7	1492.0	96.55	2.37	0.70	0.19	0.19
16841	3131.9	8241.5	1492.0	97.35	1.60	0.71	0.17	0.17
16842	3134.3	8241.3	1492.0	97.68	1.50	0.54	0.14	0.14
16843	3136.7	8241.1	1492.0	97.13	1.74	0.66	0.22	0.25
16844	3136.6	8243.5	1492.0	96.93	1.64	0.73	0.29	0.41
16845	3134.2	8243.7	1492.0	97.48	1.60	0.62	0.13	0.17
16846	3131.8	8243.9	1492.0	97.26	1.63	0.66	0.20	0.25
16847	3129.4	8244.2	1492.0	96.48	1.73	0.74	0.45	0.60
16848	3127.0	8244.4	1492.0	97.07	1.87	0.61	0.20	0.25
16849	3125.4	8246.9	1492.0	96.90	1.85	0.69	0.22	0.34
16850	3126.9	8246.8	1492.0	97.09	1.94	0.60	0.15	0.22
16851	3129.3	8246.6	1492.0	96.90	1.95	0.65	0.21	0.29
16852	3131.7	8246.4	1492.0	97.23	1.60	0.69	0.20	0.28
16853	3134.1	8246.1	1492.0	96.87	1.65	0.72	0.32	0.44
16854	3136.4	8245.9	1492.0	96.77	1.86	0.65	0.30	0.42
16855	3136.3	8248.3	1492.0	96.81	1.83	0.74	0.28	0.34
16856	3133.9	8248.6	1492.0	96.79	2.05	0.76	0.18	0.22
16857	3131.6	8248.8	1492.0	97.14	1.63	0.78	0.19	0.26
16858	3129.2	8249.0	1492.0	97.11	1.78	0.60	0.23	0.28
16859	3126.8	8249.3	1492.0	97.03	1.51	0.60	0.36	0.50
16860	3125.0	8251.8	1492.0	96.72	2.02	0.62	0.28	0.36
16861	3126.7	8251.7	1492.0	96.37	2.58	0.57	0.21	0.27
16862	3129.0	8251.5	1492.0	97.05	1.76	0.62	0.22	0.35
16863	3131.4	8251.2	1492.0	96.84	1.82	0.81	0.20	0.33
16864	3133.8	8251.0	1492.0	96.99	1.78	0.72	0.19	0.32
16865	3136.2	8250.7	1492.0	96.76	1.73	0.93	0.21	0.37
16866	3136.1	8253.2	1492.0	96.81	1.78	0.63	0.26	0.52
16867	3136.0	8255.6	1492.0	96.41	1.98	0.67	0.30	0.64
16868	3135.9	8258.0	1492.0	96.54	2.16	0.60	0.24	0.46
16869	3135.8	8260.4	1492.0	95.56	2.98	0.68	0.28	0.50
16870	3133.4	8260.7	1492.0	96.43	2.45	0.60	0.19	0.33
16871	3133.5	8258.2	1492.0	96.70	2.10	0.64	0.21	0.35
16872	3133.6	8255.8	1492.0	96.35	2.31	0.62	0.26	0.46
16873	3133.7	8253.4	1492.0	97.05	1.79	0.58	0.24	0.34
16874	3131.3	8253.7	1492.0	96.85	1.84	0.69	0.24	0.38
16875	3128.9	8253.9	1492.0	97.08	1.88	0.59	0.17	0.28
16876	3126.6	8254.2	1492.0	96.93	1.97	0.66	0.18	0.26
16877	3124.8	8254.2	1492.0	96.93	2.11	0.59	0.15	0.22
16878	3131.2	8256.1	1492.0	96.83	2.00	0.56	0.24	0.37
16879	3128.8	8256.3	1492.0	96.85	1.98	0.58	0.23	0.36
16880	3126.4	8256.6	1492.0	95.24	3.60	0.63	0.20	0.33

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
16881	3124.6	8256.7	1492.0	96.08	2.65	0.68	0.23	0.36
16882	3124.5	8259.1	1492.0	94.07	4.71	0.63	0.23	0.36
16883	3126.3	8259.0	1492.0	95.61	3.29	0.63	0.20	0.27
16884	3128.7	8258.8	1492.0	97.08	1.85	0.62	0.18	0.27
16885	3131.1	8258.5	1492.0	96.52	2.18	0.55	0.32	0.43
16886	3131.0	8260.9	1492.0	95.66	2.85	0.55	0.39	0.55
16887	3128.6	8261.2	1492.0	96.76	2.10	0.62	0.21	0.31
16888	3126.2	8261.5	1492.0	93.23	4.76	0.61	0.52	0.88
16889	3124.3	8261.6	1492.0	95.52	3.29	0.61	0.22	0.36
16901	3132.5	8195.7	1492.0	96.51	1.80	0.90	0.30	0.49
16902	3130.1	8195.3	1492.0	96.46	1.76	0.84	0.39	0.55
16903	3127.8	8195.0	1492.0	96.54	1.83	0.92	0.28	0.43
16904	3125.4	8194.6	1492.0	97.08	1.93	0.63	0.15	0.21
16905	3123.0	8194.3	1492.0	96.93	1.97	0.59	0.19	0.32
16906	3120.6	8193.9	1492.0	96.95	1.90	0.58	0.20	0.37
16907	3118.2	8193.5	1492.0	94.81	2.14	1.29	0.65	1.11
16908	3115.8	8193.2	1492.0	95.35	3.00	0.68	0.39	0.58
16909	3115.4	8195.4	1492.0	95.49	3.53	0.48	0.21	0.29
16910	3117.8	8195.8	1492.0	96.43	2.66	0.50	0.16	0.25
16911	3120.2	8196.2	1492.0	97.10	2.07	0.50	0.12	0.21
16912	3122.6	8196.6	1492.0	96.51	2.62	0.54	0.13	0.20
16913	3125.0	8197.0	1492.0	97.46	1.65	0.63	0.10	0.16
16914	3127.4	8197.3	1492.0	96.82	1.78	0.79	0.26	0.35
16915	3129.9	8197.7	1492.0	97.15	1.72	0.63	0.21	0.29
16916	3132.2	8198.1	1492.0	96.49	1.76	0.96	0.32	0.47
16917	3134.7	8198.5	1492.0	96.77	1.76	0.97	0.20	0.30
16918	3137.4	8199.1	1492.0	92.68	6.01	0.51	0.22	0.58
16919	3138.9	8199.1	1492.0	92.91	6.29	0.53	0.10	0.17
16920	3139.1	8201.5	1492.0	92.61	6.40	0.52	0.15	0.32
16921	3139.4	8203.8	1492.0	96.20	3.12	0.49	0.06	0.13
16922	3132.3	8200.3	1492.0	96.87	1.81	0.62	0.29	0.41
16923	3129.8	8199.9	1492.0	97.08	1.86	0.65	0.17	0.24
16924	3127.4	8199.5	1492.0	97.25	1.87	0.63	0.10	0.15
16925	3125.0	8199.2	1492.0	97.07	1.86	0.58	0.19	0.30
16926	3122.6	8199.1	1492.0	97.11	2.11	0.50	0.11	0.17
16927	3120.2	8198.5	1492.0	97.40	1.62	0.47	0.21	0.30
16928	3117.8	8198.1	1492.0	96.79	2.18	0.48	0.22	0.33
16929	3116.0	8190.7	1492.0	96.49	2.19	0.65	0.27	0.40
16930	3118.4	8191.0	1492.0	95.00	4.19	0.41	0.17	0.23
16931	3120.7	8191.4	1492.0	95.96	2.50	0.53	0.47	0.54
16932	3123.1	8191.8	1492.0	96.90	1.85	0.74	0.21	0.30
16933	3123.3	8189.3	1492.0	96.58	2.07	0.67	0.27	0.41
16934	3120.9	8188.9	1492.0	96.57	2.32	0.61	0.21	0.29
16935	3118.6	8188.5	1492.0	96.64	2.27	0.51	0.24	0.34
16936	3116.2	8188.2	1492.0	95.36	3.66	0.55	0.17	0.26
16937	3116.5	8186.1	1492.0	96.66	2.13	0.62	0.24	0.35
16938	3121.1	8186.5	1492.0	96.02	2.01	0.74	0.54	0.69
16939	3123.4	8186.8	1492.0	95.34	1.91	0.84	0.82	1.09
16940	3123.6	8184.3	1492.0	96.35	1.70	0.88	0.46	0.61
16941	3121.2	8183.8	1492.0	96.52	1.94	0.66	0.34	0.54
16942	3116.7	8184.1	1492.0	96.51	2.33	0.55	0.23	0.38
16943	3123.3	8182.0	1492.0	95.82	2.05	1.17	0.35	0.61
16944	3125.5	8182.4	1492.0	96.72	1.95	0.58	0.39	0.36
16945	3125.6	8184.8	1492.0	96.89	1.73	0.55	0.32	0.51
16946	3125.6	8187.2	1492.0	96.45	2.02	0.75	0.28	0.50

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
16947	3125.7	8189.7	1492.0	96.71	1.86	0.83	0.23	0.37
16948	3128.0	8192.5	1492.0	96.58	1.80	0.49	0.48	0.65
16949	3128.2	8190.1	1492.0	97.17	1.71	0.67	0.15	0.30
16950	3128.0	8187.6	1492.0	96.46	2.00	0.82	0.26	0.46
16951	3127.8	8185.2	1492.0	96.58	1.98	0.75	0.25	0.44
16952	3127.6	8182.8	1492.0	96.39	1.77	0.81	0.39	0.64
16953	3130.5	8183.6	1492.0	96.67	1.88	0.72	0.29	0.44
16954	3130.6	8185.9	1492.0	96.59	1.80	1.19	0.16	0.26
16955	3130.6	8188.2	1492.0	96.78	1.69	0.88	0.25	0.40
16956	3135.3	8190.5	1492.0	97.35	1.78	0.52	0.12	0.23
16957	3135.2	8192.9	1492.0	96.81	1.74	1.06	0.14	0.25
16958	3134.5	8195.7	1492.0	96.86	1.91	1.02	0.07	0.14
16959	3134.7	8200.6	1492.0	96.55	1.72	0.76	0.41	0.56
16960	3137.1	8203.3	1492.0	96.64	1.92	0.81	0.23	0.40
16961	3134.8	8202.8	1492.0	96.51	1.91	0.91	0.25	0.42
16962	3132.3	8202.5	1492.0	96.27	1.84	0.77	0.48	0.64
16963	3129.8	8202.1	1492.0	96.11	2.43	0.55	0.36	0.55
16964	3127.4	8201.7	1492.0	97.39	1.67	0.53	0.16	0.25
16965	3125.0	8201.4	1492.0	96.20	2.73	0.51	0.21	0.35
16966	3122.6	8201.7	1492.0	97.32	1.80	0.40	0.17	0.31
16967	3120.1	8200.7	1492.0	92.71	6.29	0.52	0.18	0.30
16968	3117.7	8200.4	1492.0	97.21	1.90	0.44	0.14	0.31
16969	3115.3	8200.3	1492.0	97.45	1.72	0.45	0.14	0.24
16970	3113.8	8200.1	1492.0	92.24	6.42	0.53	0.30	0.51
16971	3112.9	8202.7	1492.0	96.51	1.82	0.47	0.53	0.67
16972	3115.3	8203.2	1492.0	94.79	4.01	0.54	0.25	0.41
16973	3117.6	8202.7	1492.0	92.61	6.29	0.44	0.20	0.46
16974	3120.2	8203.2	1492.0	96.51	2.62	0.40	0.14	0.33
16975	3122.4	8204.5	1492.0	96.91	2.16	0.47	0.17	0.29
16976	3124.8	8204.0	1492.0	96.99	1.88	0.58	0.18	0.37
16977	3127.4	8204.0	1492.0	97.33	1.74	0.53	0.15	0.25
16978	3129.9	8204.3	1492.0	97.00	1.76	0.57	0.27	0.40
16979	3132.3	8204.6	1492.0	97.01	1.70	0.66	0.24	0.39
16980	3134.8	8204.9	1492.0	96.56	2.07	0.86	0.19	0.32
16981	3137.2	8205.5	1492.0	96.79	1.78	0.77	0.26	0.40
16982	3139.7	8206.2	1492.0	97.49	1.84	0.52	0.04	0.11
16983	3138.8	8207.4	1492.0	93.42	5.77	0.53	0.08	0.20
16984	3134.9	8207.1	1492.0	97.11	1.73	0.84	0.13	0.19
16985	3132.3	8206.8	1492.0	97.04	1.80	0.68	0.20	0.28
16986	3129.5	8206.8	1492.0	96.98	1.91	0.69	0.17	0.25
16987	3127.1	8206.7	1492.0	97.24	1.95	0.53	0.11	0.17
16988	3124.8	8206.5	1492.0	97.24	1.85	0.54	0.14	0.23
16989	3122.3	8207.3	1492.0	97.16	1.82	0.54	0.15	0.33
16990	3120.0	8205.2	1492.0	97.14	1.92	0.40	0.21	0.33
16991	3117.2	8204.7	1492.0	95.68	3.33	0.45	0.17	0.37
16992	3120.0	8207.3	1492.0	96.32	2.61	0.44	0.24	0.39
16993	3117.6	8207.2	1492.0	95.30	3.46	0.44	0.28	0.52
16994	3112.8	8205.3	1492.0	96.94	1.80	0.41	0.28	0.57
16995	3110.3	8204.6	1492.0	96.74	2.14	0.48	0.25	0.39
16996	3110.3	8202.5	1492.0	96.82	1.96	0.49	0.24	0.49
16997	3108.1	8201.9	1492.0	96.87	1.90	0.51	0.26	0.46
16998	3107.9	8204.5	1492.0	96.68	2.03	0.45	0.34	0.50
16999	3107.8	8207.2	1492.0	96.12	2.38	0.44	0.40	0.66
17000	3107.6	8209.8	1492.0	95.08	2.57	0.49	0.63	1.23
17001	2932.3	8095.9	1378.0	97.56	1.15	1.14	0.06	0.09

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
17002	2929.7	8095.6	1378.0	97.56	1.09	1.24	0.04	0.07
17003	2927.2	8095.4	1378.0	97.70	1.14	1.02	0.05	0.09
17004	2924.6	8095.2	1378.0	97.25	1.66	0.97	0.04	0.08
17005	2922.1	8094.9	1378.0	97.61	0.96	1.19	0.09	0.15
17006	2919.6	8094.7	1378.0	97.68	1.36	0.78	0.09	0.09
17007	2917.0	8094.5	1378.0	98.18	1.25	0.47	0.05	0.05
17008	2914.5	8094.2	1378.0	97.87	1.15	0.88	0.03	0.07
17009	2911.9	8094.0	1378.0	97.65	1.30	0.87	0.05	0.13
17010	2909.4	8093.8	1378.0	88.26	10.40	0.75	0.17	0.42
17011	2904.6	8081.5	1378.0	97.32	1.71	0.59	0.13	0.25
17012	2907.1	8081.7	1378.0	96.86	1.78	1.23	0.05	0.08
17013	2902.0	8082.6	1378.0	95.98	2.68	0.74	0.25	0.35
17014	2904.3	8082.9	1378.0	93.84	5.23	0.73	0.08	0.12
17015	2906.7	8083.1	1378.0	97.92	1.52	0.49	0.03	0.04
17016	2909.2	8083.3	1378.0	97.40	1.73	0.78	0.03	0.06
17017	2911.7	8083.5	1378.0	97.29	1.91	0.71	0.03	0.06
17018	2908.6	8085.9	1378.0	97.93	1.36	0.58	0.05	0.08
17019	2906.2	8085.7	1378.0	97.99	1.43	0.50	0.03	0.05
17020	2903.7	8085.5	1378.0	98.23	1.15	0.47	0.06	0.09
17021	2901.6	8085.2	1378.0	96.51	1.77	0.77	0.38	0.57
17022	2901.3	8087.8	1378.0	96.78	2.33	0.53	0.13	0.23
17023	2903.1	8088.0	1378.0	97.53	1.44	0.78	0.09	0.16
17024	2905.6	8088.2	1378.0	97.84	1.13	0.77	0.10	0.16
17025	2908.1	8088.5	1378.0	97.51	1.41	0.88	0.07	0.13
17026	2907.5	8091.0	1378.0	97.48	1.52	0.82	0.05	0.13
17027	2905.0	8090.8	1378.0	96.36	2.13	1.24	0.09	0.18
17028	2902.5	8090.6	1378.0	93.84	4.93	0.68	0.16	0.39
17029	2900.9	8090.4	1378.0	96.84	1.88	0.65	0.23	0.40
17030	2900.6	8093.0	1378.0	95.89	2.72	0.64	0.30	0.45
17031	2901.9	8093.2	1378.0	96.29	2.33	1.14	0.08	0.16
17032	2906.9	8093.6	1378.0	97.53	1.44	0.86	0.07	0.10
17033	2928.7	8097.7	1378.0	98.04	0.95	0.81	0.08	0.12
17034	2926.0	8097.5	1378.0	98.04	1.05	0.72	0.08	0.11
17035	2923.4	8097.3	1378.0	97.50	1.38	0.92	0.07	0.13
17036	2920.7	8097.1	1378.0	97.69	1.19	0.90	0.08	0.14
17037	2919.8	8099.8	1378.0	97.77	1.10	0.91	0.08	0.14
17038	2922.4	8100.0	1378.0	98.06	1.12	0.59	0.09	0.14
17039	2925.1	8100.1	1378.0	98.08	1.18	0.49	0.10	0.15
17040	2927.7	8100.3	1378.0	98.01	1.00	0.57	0.16	0.26
17041	2926.7	8103.0	1378.0	97.93	1.08	0.54	0.16	0.29
17042	2924.1	8102.8	1378.0	98.15	1.07	0.53	0.09	0.16
17043	2921.5	8102.6	1378.0	98.27	0.92	0.49	0.11	0.21
17044	2919.0	8102.4	1378.0	98.10	1.17	0.54	0.06	0.13
17045	2918.1	8096.9	1378.0	97.81	1.16	0.87	0.06	0.10
17046	2917.2	8099.6	1378.0	97.94	1.16	0.78	0.04	0.08
17047	2916.4	8102.2	1378.0	97.71	1.47	0.57	0.09	0.16
17048	2915.5	8104.9	1378.0	97.72	1.52	0.53	0.09	0.14
17049	2918.1	8105.0	1378.0	96.71	2.14	1.03	0.04	0.08
17050	2920.6	8105.2	1378.0	98.03	1.30	0.49	0.07	0.11
17051	2923.2	8105.4	1378.0	94.82	4.49	0.48	0.07	0.14
17052	2925.7	8105.6	1378.0	98.23	1.10	0.55	0.05	0.07
17053	2914.7	8107.5	1378.0	98.12	1.36	0.44	0.03	0.05
17054	2917.2	8107.7	1378.0	97.12	2.34	0.49	0.02	0.03
17055	2913.9	8110.2	1378.0	98.35	0.99	0.43	0.08	0.15
17056	2919.7	8107.9	1378.0	95.52	3.88	0.46	0.04	0.10

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
17057	2922.2	8108.1	1378.0	94.95	4.41	0.52	0.03	0.09
17058	2924.8	8108.2	1378.0	95.84	3.44	0.55	0.05	0.12
17059	2923.8	8110.9	1378.0	97.63	1.67	0.41	0.10	0.19
17060	2921.3	8110.7	1378.0	97.94	1.51	0.43	0.05	0.07
17061	2918.8	8110.5	1378.0	97.82	1.61	0.45	0.04	0.08
17062	2916.3	8110.3	1378.0	97.28	1.96	0.51	0.08	0.17
17063	2912.2	8107.3	1378.0	95.21	3.67	0.91	0.07	0.14
17064	2913.0	8104.7	1378.0	97.50	1.67	0.52	0.10	0.21
17065	2913.8	8102.0	1378.0	97.76	1.27	0.72	0.09	0.16
17066	2914.6	8099.4	1378.0	97.84	1.19	0.66	0.11	0.20
17067	2912.0	8099.1	1378.0	97.41	1.53	0.67	0.14	0.25
17068	2909.5	8099.0	1378.0	97.69	1.37	0.84	0.04	0.06
17069	2911.3	8101.7	1378.0	97.57	1.40	0.83	0.07	0.13
17070	2910.6	8104.3	1378.0	96.91	1.81	0.96	0.10	0.22
17071	2909.9	8106.8	1378.0	96.55	2.74	0.56	0.06	0.09
17072	2915.4	8096.7	1378.0	97.86	1.11	0.85	0.07	0.11
17073	2912.7	8096.5	1378.0	96.39	2.38	0.92	0.16	0.15
17074	2910.2	8096.5	1378.0	77.37	21.60	0.78	0.10	0.15
17075	2911.4	8110.0	1378.0	97.22	2.10	0.43	0.09	0.16
17076	2909.1	8109.4	1378.0	97.91	1.45	0.41	0.07	0.16
17077	2906.7	8109.3	1378.0	97.78	1.48	0.54	0.06	0.14
17078	2907.4	8106.8	1378.0	98.19	1.24	0.40	0.06	0.11
17079	2908.1	8104.2	1378.0	97.70	1.54	0.58	0.05	0.13
17080	2908.8	8101.6	1378.0	97.40	1.59	0.86	0.07	0.08
17081	2907.5	8096.4	1378.0	97.68	1.34	0.60	0.04	0.34
17082	2906.8	8099.0	1378.0	89.85	9.40	0.54	0.08	0.13
17083	2906.1	8101.5	1378.0	96.75	2.23	0.90	0.04	0.08
17084	2905.4	8104.1	1378.0	97.69	1.48	0.59	0.03	0.21
17085	2904.8	8106.7	1378.0	98.06	1.37	0.48	0.03	0.06
17086	2904.1	8109.3	1378.0	97.58	1.77	0.47	0.06	0.12
17087	2904.9	8096.4	1378.0	96.50	2.73	0.53	0.08	0.16
17088	2902.3	8096.4	1378.0	95.24	3.67	0.84	0.08	0.17
17089	2899.7	8096.4	1378.0	92.13	3.30	2.86	0.57	1.14
17090	2899.1	8098.9	1378.0	96.88	1.45	0.85	0.29	0.53
17091	2901.6	8098.9	1378.0	96.33	1.47	2.05	0.04	0.11
17092	2904.2	8099.0	1378.0	97.51	1.62	0.66	0.07	0.14
17093	2903.5	8101.6	1378.0	97.23	1.99	0.71	0.02	0.05
17094	2901.0	8101.5	1378.0	96.49	2.05	0.90	0.26	0.30
17095	2898.6	8101.4	1378.0	94.99	1.44	3.16	0.10	0.31
17096	2902.8	8104.2	1378.0	87.92	10.80	0.89	0.13	0.26
17097	2902.2	8106.7	1378.0	97.12	1.61	0.68	0.23	0.36
17098	2898.0	8103.9	1378.0	95.17	2.96	1.51	0.13	0.23
17099	2900.4	8104.0	1378.0	96.43	1.95	1.08	0.20	0.34
17100	2899.8	8106.6	1378.0	97.93	1.16	0.43	0.19	0.29
17101	2897.4	8106.4	1378.0	96.92	1.20	1.44	0.15	0.29
17102	2896.9	8108.9	1378.0	96.94	1.37	1.25	0.16	0.28
17103	2899.2	8109.1	1378.0	94.24	1.14	4.24	0.11	0.27
17104	2901.5	8109.3	1378.0	97.81	1.37	0.44	0.14	0.24
17105	2898.4	8111.8	1378.0	94.71	2.17	2.41	0.23	0.48
17106	2900.8	8111.9	1378.0	97.58	1.44	0.56	0.16	0.26
17107	2903.6	8111.7	1378.0	96.19	3.08	0.42	0.11	0.20
17108	2906.0	8111.9	1378.0	97.54	1.48	0.44	0.20	0.34
17109	2908.4	8112.0	1378.0	97.84	1.36	0.52	0.11	0.17
17110	2910.6	8112.6	1378.0	97.46	1.75	0.51	0.10	0.18
17111	2913.0	8112.8	1378.0	97.71	1.56	0.47	0.09	0.17

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
17112	2915.5	8113.0	1378.0	98.02	1.13	0.48	0.09	0.28
17113	2917.9	8113.2	1378.0	98.14	1.29	0.41	0.06	0.10
17114	2920.4	8113.3	1378.0	97.84	1.55	0.43	0.05	0.13
17115	2922.8	8113.5	1378.0	97.36	1.68	0.62	0.08	0.26
17116	2922.1	8116.9	1378.0	97.99	1.31	0.45	0.08	0.17
17117	2921.4	8120.3	1378.0	97.62	1.71	0.49	0.06	0.12
17118	2920.7	8123.6	1378.0	96.54	2.94	0.48	0.02	0.02
17119	2919.9	8127.0	1378.0	98.18	1.27	0.46	0.03	0.06
17120	2919.2	8130.4	1378.0	98.01	1.33	0.52	0.08	0.06
17121	2918.6	8132.9	1378.0	97.87	1.34	0.53	0.07	0.19
17122	2916.1	8132.6	1378.0	97.92	1.23	0.59	0.04	0.22
17123	2916.7	8129.4	1378.0	97.92	1.40	0.55	0.03	0.10
17124	2917.4	8126.2	1378.0	98.03	1.25	0.54	0.06	0.12
17125	2918.1	8123.0	1378.0	98.37	1.04	0.49	0.03	0.07
17126	2918.7	8119.8	1378.0	97.77	1.47	0.51	0.08	0.17
17127	2919.4	8116.7	1378.0	98.13	1.23	0.45	0.09	0.10
17128	2916.7	8116.4	1378.0	97.72	1.47	0.47	0.13	0.21
17129	2916.1	8119.6	1378.0	97.88	1.41	0.46	0.10	0.15
17130	2915.5	8122.7	1378.0	97.82	1.53	0.50	0.05	0.10
17131	2914.9	8125.9	1378.0	97.06	1.98	0.56	0.11	0.29
17132	2914.2	8129.1	1378.0	97.74	1.35	0.53	0.12	0.26
17133	2913.6	8132.2	1378.0	98.04	1.26	0.50	0.07	0.13
17134	2911.2	8131.9	1378.0	97.87	1.30	0.57	0.08	0.18
17135	2911.7	8128.8	1378.0	97.95	1.40	0.55	0.03	0.07
17136	2912.3	8125.6	1378.0	97.71	1.53	0.58	0.06	0.12
17137	2912.9	8122.5	1378.0	95.62	3.56	0.49	0.08	0.25
17138	2913.5	8119.3	1378.0	97.80	1.44	0.47	0.11	0.18
17139	2914.1	8116.2	1378.0	97.69	1.63	0.42	0.10	0.16
17140	2911.4	8115.9	1378.0	97.13	2.31	0.44	0.04	0.08
17141	2908.7	8115.7	1378.0	97.94	1.28	0.54	0.08	0.16
17142	2908.2	8118.8	1378.0	98.13	1.29	0.46	0.04	0.08
17143	2910.9	8119.1	1378.0	97.92	1.32	0.43	0.05	0.28
17144	2910.3	8122.2	1378.0	96.87	2.41	0.46	0.06	0.20
17145	2909.8	8125.3	1378.0	97.83	1.42	0.55	0.06	0.14
17146	2909.2	8128.5	1378.0	97.16	2.16	0.53	0.04	0.11
17147	2908.7	8131.6	1378.0	94.69	4.57	0.51	0.06	0.17
17148	2906.7	8128.2	1378.0	97.63	1.65	0.64	0.03	0.05
17149	2907.2	8125.0	1378.0	98.24	1.18	0.50	0.03	0.05
17150	2907.7	8121.9	1378.0	98.21	1.24	0.46	0.04	0.05
17151	2906.6	8112.4	1378.0	97.96	1.43	0.48	0.05	0.08
17152	2906.0	8115.5	1378.0	95.51	3.29	0.55	0.19	0.46
17153	2905.5	8118.5	1378.0	97.12	2.16	0.51	0.07	0.14
17154	2905.0	8121.6	1378.0	98.30	1.12	0.46	0.05	0.07
17155	2904.6	8124.6	1378.0	98.22	1.16	0.46	0.05	0.11
17156	2904.1	8127.7	1378.0	98.38	1.07	0.46	0.04	0.05
17157	2903.6	8130.8	1378.0	96.48	2.36	0.59	0.15	0.42
17158	2900.9	8130.3	1378.0	97.95	1.06	0.63	0.13	0.23
17159	2901.4	8127.3	1378.0	97.92	0.98	0.73	0.13	0.24
17160	2901.9	8124.3	1378.0	97.64	1.01	0.76	0.23	0.36
17161	2902.4	8121.2	1378.0	97.92	1.05	0.48	0.20	0.35
17162	2902.9	8118.2	1378.0	97.82	0.97	0.58	0.23	0.40
17163	2903.3	8115.2	1378.0	97.51	1.30	0.77	0.15	0.27
17164	2903.9	8112.2	1378.0	96.68	2.50	0.43	0.14	0.25
17165	2901.2	8112.0	1378.0	96.99	1.83	0.63	0.21	0.34
17166	2898.5	8111.8	1378.0	95.92	2.12	1.21	0.24	0.51

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
17167	2917.4	8113.2	1378.0	96.35	2.92	0.47	0.10	0.16
17168	2914.7	8113.0	1378.0	96.22	3.07	0.44	0.11	0.16
17169	2912.0	8112.8	1378.0	97.82	1.62	0.45	0.05	0.06
17170	2909.3	8112.6	1378.0	97.17	2.14	0.46	0.06	0.17
17171	2900.7	8115.0	1378.0	97.25	1.42	0.82	0.17	0.34
17172	2898.0	8114.7	1378.0	96.33	1.45	1.70	0.15	0.37
17173	2897.5	8117.6	1378.0	97.24	1.50	0.90	0.13	0.23
17174	2900.2	8117.9	1378.0	97.40	1.24	0.87	0.19	0.30
17175	2899.7	8120.9	1378.0	97.72	1.09	0.66	0.20	0.33
17176	2897.0	8120.6	1378.0	96.15	2.75	0.60	0.16	0.34
17177	2896.5	8123.5	1378.0	97.63	1.44	0.51	0.15	0.27
17178	2899.2	8123.9	1378.0	96.26	2.63	0.66	0.17	0.28
17179	2898.7	8126.8	1378.0	97.97	1.02	0.63	0.14	0.24
17180	2896.1	8126.4	1378.0	98.15	1.01	0.50	0.12	0.22
17181	2895.6	8129.3	1378.0	97.88	1.16	0.45	0.18	0.33
17182	2898.2	8129.8	1378.0	97.79	1.43	0.51	0.10	0.17
17201	3115.6	8250.9	1486.0	96.10	1.61	0.65	0.73	0.91
17202	3115.9	8248.6	1486.0	96.91	2.21	0.54	0.11	0.23
17203	3112.5	8204.4	1486.0	83.73	15.40	0.43	0.17	0.27
17204	3114.9	8202.2	1486.0	82.31	16.80	0.47	0.15	0.27
17205	3112.5	8202.2	1486.0	93.85	5.60	0.47	0.04	0.04
17206	3110.1	8202.1	1486.0	97.45	1.95	0.42	0.08	0.10
17207	3107.7	8202.0	1486.0	96.78	2.27	0.41	0.23	0.31
17208	3105.3	8201.9	1486.0	97.50	1.91	0.41	0.06	0.12
17209	3102.9	8201.8	1486.0	97.18	1.87	0.40	0.22	0.33
17210	3100.5	8201.7	1486.0	96.82	2.01	0.40	0.25	0.52
17211	3098.1	8201.7	1486.0	97.26	1.66	0.42	0.27	0.39
17213	3098.1	8199.3	1486.0	97.43	1.52	0.46	0.24	0.35
17214	3100.5	8199.4	1486.0	97.11	1.65	0.44	0.26	0.54
17215	3102.9	8199.4	1486.0	97.60	1.65	0.41	0.13	0.21
17216	3105.3	8199.5	1486.0	97.60	1.79	0.46	0.05	0.10
17217	3107.7	8199.5	1486.0	97.61	1.67	0.43	0.14	0.15
17218	3110.1	8199.6	1486.0	96.85	2.47	0.45	0.10	0.13
17219	3112.5	8199.6	1486.0	91.12	8.10	0.43	0.12	0.23
17220	3114.9	8199.7	1486.0	94.72	4.48	0.42	0.11	0.27
17221	3114.8	8197.1	1486.0	95.76	3.54	0.45	0.10	0.15
17222	3112.4	8197.1	1486.0	96.40	2.91	0.45	0.10	0.14
17223	3110.0	8197.1	1486.0	97.12	1.86	0.43	0.17	0.42
17224	3107.6	8197.1	1486.0	97.83	1.55	0.43	0.07	0.12
17225	3105.2	8197.1	1486.0	97.92	1.48	0.44	0.07	0.09
17226	3102.9	8197.0	1486.0	97.42	1.69	0.41	0.18	0.30
17227	3100.4	8197.0	1486.0	96.98	1.71	0.45	0.31	0.55
17228	3098.1	8197.0	1486.0	97.29	1.46	0.47	0.32	0.46
17231	3100.3	8194.5	1486.0	97.55	1.51	0.46	0.17	0.31
17232	3102.7	8194.5	1486.0	97.45	1.88	0.40	0.11	0.16
17233	3105.1	8194.5	1486.0	96.35	2.72	0.56	0.13	0.24
17234	3107.5	8194.5	1486.0	97.66	1.67	0.42	0.09	0.16
17235	3110.0	8194.5	1486.0	96.15	2.87	0.49	0.17	0.32
17236	3112.4	8194.5	1486.0	87.27	10.20	0.66	0.63	1.24
17237	3114.8	8194.6	1486.0	96.47	2.74	0.42	0.13	0.24
17238	3097.6	8189.4	1486.0	96.71	2.06	0.47	0.26	0.50
17240	3097.4	8186.9	1486.0	97.31	1.43	0.53	0.27	0.46
17241	3097.3	8184.4	1486.0	97.50	1.42	0.52	0.21	0.35
17245	3097.1	8182.2	1486.0	97.41	1.68	0.50	0.15	0.26
17248	3097.2	8179.8	1486.0	97.11	1.66	0.75	0.17	0.31

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
17249	3099.6	8179.7	1486.0	97.31	1.65	0.49	0.20	0.35
17250	3102.0	8179.7	1486.0	97.66	1.71	0.50	0.05	0.08
17251	3102.6	8192.0	1486.0	97.39	1.93	0.45	0.10	0.13
17252	3105.0	8192.0	1486.0	97.23	2.03	0.60	0.05	0.09
17253	3107.4	8192.0	1486.0	97.01	2.29	0.47	0.08	0.15
17254	3109.9	8192.0	1486.0	96.42	2.71	0.55	0.11	0.21
17255	3112.3	8192.0	1486.0	95.64	3.57	0.53	0.08	0.18
17256	3114.7	8192.0	1486.0	96.21	2.58	0.53	0.28	0.40
17257	3114.7	8189.5	1486.0	97.10	2.01	0.58	0.10	0.21
17258	3112.2	8189.5	1486.0	92.09	6.90	0.60	0.12	0.29
17259	3109.8	8189.5	1486.0	94.28	4.90	0.57	0.08	0.17
17260	3107.3	8189.5	1486.0	96.36	2.65	0.53	0.17	0.29
17261	3104.9	8189.5	1486.0	96.93	2.33	0.50	0.10	0.14
17262	3102.4	8189.5	1486.0	97.91	1.44	0.44	0.09	0.12
17263	3100.0	8189.5	1486.0	97.81	1.47	0.48	0.10	0.14
17264	3099.9	8186.9	1486.0	97.98	1.43	0.46	0.05	0.08
17265	3102.3	8187.0	1486.0	98.00	1.48	0.44	0.03	0.05
17266	3104.8	8187.0	1486.0	97.83	1.51	0.48	0.08	0.10
17267	3107.2	8187.0	1486.0	94.23	4.59	0.54	0.22	0.42
17268	3109.7	8186.9	1486.0	96.91	2.23	0.67	0.07	0.12
17269	3112.2	8186.9	1486.0	96.74	2.24	0.66	0.22	0.14
17270	3114.6	8186.9	1486.0	96.53	2.76	0.55	0.08	0.08
17271	3099.7	8184.4	1486.0	97.74	1.42	0.46	0.09	0.29
17272	3102.2	8184.5	1486.0	97.94	1.39	0.43	0.05	0.19
17273	3104.6	8184.5	1486.0	97.62	1.61	0.46	0.21	0.10
17274	3107.1	8184.6	1486.0	92.29	5.30	0.65	0.67	1.09
17275	3109.5	8184.7	1486.0	94.01	5.20	0.52	0.07	0.20
17276	3114.5	8184.7	1486.0	97.18	1.77	0.76	0.11	0.18
17277	3111.9	8184.7	1486.0	91.43	7.90	0.53	0.05	0.09
17278	3109.2	8182.1	1486.0	97.03	2.32	0.56	0.03	0.06
17279	3107.0	8182.2	1486.0	96.89	2.50	0.46	0.03	0.12
17280	3104.5	8182.2	1486.0	98.01	1.50	0.43	0.03	0.03
17281	3102.1	8182.2	1486.0	98.20	1.32	0.43	0.03	0.02
17282	3099.6	8182.2	1486.0	98.09	1.45	0.38	0.03	0.05
17283	3104.5	8179.6	1486.0	97.97	1.39	0.46	0.06	0.12
17284	3106.9	8179.6	1486.0	94.03	5.20	0.50	0.11	0.16
17285	3108.9	8179.5	1486.0	97.22	2.01	0.50	0.11	0.16
17286	3108.6	8176.8	1486.0	97.71	1.77	0.46	0.03	0.03
17287	3106.4	8176.8	1486.0	92.79	5.10	0.65	0.44	1.02
17288	3102.0	8176.9	1486.0	97.46	1.50	0.44	0.23	0.37
17289	3104.2	8176.8	1486.0	97.84	1.33	0.45	0.15	0.23
17301	3113.7	8274.8	1486.0	96.46	2.18	0.55	0.25	0.56
17302	3114.5	8272.8	1486.0	96.55	2.01	0.64	0.24	0.56
17303	3116.1	8265.6	1486.0	95.22	2.95	0.55	0.45	0.83
17304	3116.0	8268.0	1486.0	94.61	4.02	0.50	0.32	0.55
17305	3116.0	8270.3	1486.0	95.21	2.10	0.51	0.81	1.37
17306	3115.9	8272.7	1486.0	96.13	1.94	0.54	0.43	0.96
17307	3115.9	8275.0	1486.0	96.45	2.18	0.54	0.30	0.53
17308	3115.8	8280.1	1486.0	96.44	1.84	0.64	0.39	0.69
17309	3115.8	8282.3	1486.0	96.85	1.77	0.55	0.29	0.54
17310	3118.6	8265.6	1486.0	95.07	3.45	0.59	0.36	0.53
17311	3118.4	8268.1	1486.0	95.30	3.17	0.55	0.41	0.57
17312	3118.5	8270.4	1486.0	96.37	2.06	0.51	0.43	0.63
17313	3115.9	8284.9	1486.0	96.78	1.69	0.51	0.39	0.63
17314	3126.2	8264.1	1486.0	97.00	2.02	0.57	0.15	0.26

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
17315	3128.2	8264.1	1486.0	87.27	11.40	0.59	0.24	0.50
17316	3130.3	8264.1	1486.0	91.63	6.86	0.70	0.30	0.51
17317	3130.2	8265.7	1486.0	92.01	6.80	0.61	0.15	0.43
17318	3128.2	8265.6	1486.0	96.27	2.78	0.55	0.16	0.24
17319	3126.2	8265.5	1486.0	96.06	3.02	0.55	0.13	0.24
17320	3123.7	8265.5	1486.0	94.97	3.88	0.63	0.20	0.32
17321	3121.1	8265.6	1486.0	96.18	2.99	0.53	0.12	0.18
17322	3120.9	8268.0	1486.0	96.46	2.70	0.52	0.12	0.20
17323	3120.8	8270.4	1486.0	96.72	2.41	0.53	0.13	0.21
17324	3120.7	8272.7	1486.0	96.93	1.78	0.55	0.27	0.47
17325	3120.7	8275.2	1486.0	96.13	2.40	0.52	0.31	0.64
17326	3120.5	8277.6	1486.0	95.99	2.68	0.54	0.30	0.49
17327	3120.4	8279.9	1486.0	95.84	2.34	0.49	0.51	0.82
17328	3118.4	8282.4	1486.0	96.73	2.11	0.49	0.26	0.41
17329	3118.3	8284.8	1486.0	97.00	1.80	0.47	0.28	0.45
17330	3120.4	8284.8	1486.0	96.62	2.30	0.51	0.20	0.37
17331	3120.3	8282.4	1486.0	97.61	1.53	0.52	0.11	0.23
17332	3122.9	8280.0	1486.0	96.43	2.34	0.55	0.23	0.45
17333	3123.0	8277.6	1486.0	95.79	3.27	0.50	0.16	0.28
17334	3123.2	8275.2	1486.0	96.15	3.00	0.49	0.13	0.23
17335	3123.3	8272.8	1486.0	96.08	2.88	0.47	0.20	0.37
17336	3123.4	8270.3	1486.0	96.53	2.58	0.51	0.13	0.25
17337	3123.6	8267.9	1486.0	97.06	2.13	0.56	0.09	0.16
17338	3126.1	8267.9	1486.0	96.72	2.15	0.58	0.20	0.35
17339	3128.2	8267.7	1486.0	84.40	14.30	0.61	0.21	0.48
17340	3128.1	8270.1	1486.0	96.53	2.51	0.53	0.16	0.27
17341	3126.0	8270.2	1486.0	97.20	1.94	0.53	0.12	0.21
17342	3125.9	8272.6	1486.0	96.64	2.56	0.50	0.12	0.18
17343	3125.3	8275.1	1486.0	94.33	4.49	0.45	0.17	0.56
17344	3125.1	8277.5	1486.0	95.41	3.80	0.48	0.11	0.20
17345	3124.9	8279.9	1486.0	96.76	2.43	0.48	0.10	0.23
17346	3122.8	8282.4	1486.0	95.71	3.52	0.46	0.11	0.20
17347	3115.8	8287.4	1486.0	97.29	1.75	0.55	0.13	0.28
17349	3122.7	8284.8	1486.0	96.55	1.93	0.47	0.36	0.69
17350	3118.2	8287.4	1486.0	96.63	1.69	0.41	0.52	0.75
17351	3120.3	8287.3	1486.0	96.65	1.94	0.44	0.38	0.59
17352	3122.6	8287.2	1486.0	93.50	5.00	0.55	0.18	0.77
17353	3094.1	8287.8	1486.0	93.72	4.77	0.57	0.21	0.73
17354	3096.6	8287.7	1486.0	90.61	8.47	0.53	0.12	0.27
17355	3101.4	8287.6	1486.0	94.97	4.26	0.41	0.10	0.26
17356	3103.9	8287.6	1486.0	87.63	6.99	0.40	1.42	3.56
17357	3106.3	8287.5	1486.0	94.97	3.08	0.44	0.50	1.01
17358	3108.8	8287.5	1486.0	95.79	1.54	0.39	0.77	1.51
17359	3111.0	8287.4	1486.0	97.66	1.30	0.55	0.17	0.32
17360	3113.4	8287.4	1486.0	96.80	1.86	0.59	0.21	0.54
17361	3122.9	8289.8	1486.0	94.89	4.10	0.46	0.20	0.35
17362	3120.4	8289.8	1486.0	96.25	1.86	0.54	0.55	0.80
17363	3118.3	8289.8	1486.0	95.63	2.23	0.42	0.63	1.09
17364	3115.6	8289.8	1486.0	97.43	1.39	0.49	0.26	0.43
17365	3113.4	8289.8	1486.0	97.13	1.97	0.48	0.14	0.28
17366	3111.0	8289.9	1486.0	97.30	1.39	0.45	0.29	0.57
17367	3108.6	8289.9	1486.0	90.16	7.03	0.40	0.78	1.63
17368	3106.2	8290.0	1486.0	93.39	3.92	0.45	0.57	1.67
17369	3103.8	8290.0	1486.0	95.87	3.22	0.44	0.12	0.35
17370	3101.4	8290.1	1486.0	96.47	2.96	0.43	0.04	0.10

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
17371	3098.9	8290.1	1486.0	97.28	2.02	0.47	0.05	0.18
17372	3096.5	8290.2	1486.0	91.83	7.02	0.52	0.16	0.47
17373	3094.1	8290.2	1486.0	94.89	2.84	0.43	0.49	1.35
17374	3094.1	8292.6	1486.0	96.18	2.35	0.46	0.31	0.70
17375	3096.5	8292.6	1486.0	96.43	2.86	0.41	0.09	0.21
17376	3098.9	8292.5	1486.0	96.76	2.48	0.44	0.07	0.25
17377	3101.3	8292.5	1486.0	97.52	1.82	0.43	0.04	0.19
17378	3103.7	8292.5	1486.0	96.16	3.22	0.46	0.05	0.11
17379	3106.1	8292.4	1486.0	92.09	6.98	0.48	0.09	0.36
17380	3108.5	8292.4	1486.0	92.97	6.00	0.55	0.09	0.39
17381	3110.9	8292.3	1486.0	96.88	2.39	0.42	0.08	0.23
17382	3113.2	8292.3	1486.0	96.72	1.73	0.44	0.38	0.73
17383	3115.6	8292.2	1486.0	96.06	2.80	0.43	0.28	0.43
17384	3118.0	8292.2	1486.0	94.61	3.58	0.47	0.43	0.91
17385	3120.4	8292.2	1486.0	91.70	7.04	0.43	0.26	0.57
17386	3122.8	8292.1	1486.0	95.78	2.45	0.45	0.46	0.86
17387	3094.1	8295.1	1486.0	92.94	6.02	0.46	0.27	0.31
17388	3096.5	8295.0	1486.0	95.31	2.91	0.47	0.28	1.03
17389	3098.9	8295.0	1486.0	91.33	6.66	0.39	0.08	1.54
17390	3101.3	8294.9	1486.0	97.26	1.31	0.39	0.07	0.97
17391	3103.7	8294.9	1486.0	97.53	1.15	0.40	0.08	0.84
17392	3106.0	8294.8	1486.0	96.70	2.35	0.44	0.09	0.42
17393	3108.4	8294.8	1486.0	97.46	1.59	0.40	0.07	0.48
17394	3110.8	8294.8	1486.0	92.24	6.83	0.45	0.09	0.39
17395	3113.2	8294.7	1486.0	96.88	2.13	0.47	0.05	0.47
17396	3115.6	8294.7	1486.0	96.95	1.60	0.44	0.09	0.92
17397	3118.0	8294.6	1486.0	95.09	3.25	0.44	0.21	1.01
17398	3120.4	8294.6	1486.0	97.26	1.76	0.41	0.09	0.48
17399	3120.3	8297.0	1486.0	95.53	3.41	0.39	0.14	0.53
17400	3117.9	8297.1	1486.0	95.47	3.37	0.37	0.18	0.61
17401	3115.5	8297.1	1486.0	95.95	1.76	0.38	1.20	0.71
17402	3113.2	8297.2	1486.0	91.38	6.90	0.39	0.64	0.69
17403	3110.8	8297.2	1486.0	91.28	7.15	0.43	0.73	0.41
17404	3108.4	8297.2	1486.0	97.40	1.70	0.37	0.08	0.45
17405	3106.0	8297.3	1486.0	97.27	1.86	0.37	0.05	0.45
17406	3103.6	8297.3	1486.0	94.31	5.09	0.43	0.10	0.07
17407	3101.3	8297.4	1486.0	97.49	1.99	0.37	0.06	0.09
17408	3098.9	8297.4	1486.0	97.08	2.26	0.39	0.12	0.15
17409	3096.5	8297.5	1486.0	95.51	3.69	0.48	0.13	0.19
17410	3094.1	8297.5	1486.0	95.31	3.18	0.46	0.36	0.69
17411	3094.1	8299.9	1486.0	96.67	2.05	0.38	0.19	0.71
17412	3096.5	8299.9	1486.0	96.49	2.18	0.45	0.14	0.74
17413	3098.9	8299.8	1486.0	91.80	7.20	0.44	0.08	0.48
17414	3101.2	8299.8	1486.0	94.83	4.12	0.45	0.07	0.53
17415	3103.6	8299.8	1486.0	96.39	2.16	0.46	0.31	0.68
17416	3106.0	8299.7	1486.0	97.11	1.79	0.45	0.22	0.43
17417	3108.4	8299.7	1486.0	97.19	1.37	0.42	0.10	0.92
17418	3110.8	8299.6	1486.0	91.21	7.13	0.38	1.19	0.09
17419	3113.1	8299.6	1486.0	93.51	5.72	0.44	0.19	0.14
17420	3115.5	8299.5	1486.0	91.80	7.21	0.37	0.30	0.32
17421	3117.9	8299.5	1486.0	94.85	3.71	0.46	0.34	0.64
17422	3120.3	8299.5	1486.0	94.37	3.89	0.48	0.49	0.77
17423	3117.9	8302.0	1486.0	95.31	3.14	0.47	0.28	0.80
17424	3115.5	8302.0	1486.0	96.72	2.57	0.46	0.11	0.14
17425	3113.1	8302.0	1486.0	95.92	3.24	0.46	0.20	0.18

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
17426	3110.7	8302.0	1486.0	97.49	1.79	0.40	0.12	0.20
17427	3108.3	8302.0	1486.0	95.07	4.27	0.38	0.08	0.20
17428	3105.9	8302.0	1486.0	96.93	2.26	0.46	0.13	0.22
17429	3103.5	8302.1	1486.0	94.16	4.95	0.41	0.07	0.41
17430	3101.1	8302.1	1486.0	96.64	2.13	0.56	0.04	0.63
17431	3098.7	8302.1	1486.0	96.14	3.17	0.53	0.02	0.14
17432	3096.3	8302.1	1486.0	92.01	7.17	0.47	0.06	0.29
17433	3093.9	8302.1	1486.0	96.45	3.04	0.43	0.05	0.03
19601	2895.1	8141.0	1378.0	97.30	1.93	0.47	0.08	0.22
19602	2897.7	8141.2	1378.0	97.50	1.66	0.44	0.11	0.29
19603	2900.3	8141.5	1378.0	98.02	1.49	0.45	0.01	0.03
19604	2900.9	8138.9	1378.0	97.69	1.76	0.48	0.02	0.05
19605	2898.2	8138.6	1378.0	94.73	4.69	0.37	0.05	0.16
19606	2895.6	8138.4	1378.0	98.26	1.07	0.52	0.04	0.11
19607	2896.2	8135.7	1378.0	97.43	1.87	0.41	0.11	0.18
19608	2898.8	8136.0	1378.0	97.03	2.19	0.58	0.05	0.15
19609	2901.4	8136.3	1378.0	97.82	1.55	0.55	0.02	0.06
19610	2896.8	8133.1	1378.0	98.14	1.02	0.43	0.14	0.27
19611	2899.4	8133.4	1378.0	97.61	1.51	0.53	0.12	0.23
19612	2901.9	8133.7	1378.0	97.88	1.29	0.45	0.13	0.25
19613	2904.5	8134.0	1378.0	97.42	1.95	0.51	0.02	0.10
19614	2907.1	8134.3	1378.0	97.83	1.57	0.51	0.02	0.07
19615	2909.7	8134.6	1378.0	97.90	1.61	0.43	0.01	0.05
19616	2912.3	8134.9	1378.0	97.79	1.36	0.65	0.09	0.11
19617	2914.9	8135.1	1378.0	97.94	1.43	0.49	0.04	0.10
19618	2914.4	8137.7	1378.0	97.90	1.31	0.65	0.03	0.11
19619	2911.8	8137.4	1378.0	97.97	1.40	0.56	0.01	0.06
19620	2909.2	8137.1	1378.0	97.89	1.35	0.67	0.02	0.07
19621	2906.6	8136.9	1378.0	97.99	1.35	0.60	0.01	0.05
19622	2904.0	8136.6	1378.0	98.13	1.24	0.55	0.01	0.07
19623	2903.5	8139.2	1378.0	97.43	1.95	0.55	0.01	0.06
19624	2906.1	8139.5	1378.0	97.29	2.03	0.57	0.02	0.09
19625	2908.7	8139.7	1378.0	97.90	1.47	0.48	0.02	0.13
19626	2911.3	8140.0	1378.0	97.94	1.48	0.49	0.02	0.07
19627	2913.9	8140.3	1378.0	97.80	1.42	0.61	0.05	0.12
19628	2913.4	8142.9	1378.0	97.74	1.64	0.48	0.03	0.11
19629	2910.8	8142.6	1378.0	96.56	2.85	0.52	0.02	0.05
19630	2908.2	8142.4	1378.0	96.90	2.53	0.51	0.01	0.05
19631	2905.5	8142.1	1378.0	98.03	1.47	0.46	0.01	0.03
19632	2902.9	8141.8	1378.0	98.13	1.30	0.46	0.02	0.09
19633	2894.5	8143.6	1378.0	97.60	1.23	0.67	0.17	0.33
19634	2897.1	8143.9	1378.0	97.73	1.53	0.51	0.07	0.16
19635	2899.8	8144.1	1378.0	98.32	1.16	0.41	0.03	0.08
19636	2902.4	8144.4	1378.0	97.93	1.45	0.52	0.03	0.07
19637	2905.0	8144.7	1378.0	97.51	1.95	0.49	0.02	0.03
19638	2907.6	8145.0	1378.0	97.84	1.56	0.52	0.03	0.05
19639	2912.9	8145.5	1378.0	97.33	1.86	0.58	0.07	0.16
19640	2912.4	8148.1	1378.0	98.09	1.29	0.56	0.02	0.04
19641	2909.7	8147.8	1378.0	98.37	1.12	0.46	0.02	0.03
19642	2907.1	8147.5	1378.0	97.85	1.62	0.49	0.01	0.03
19643	2904.5	8147.3	1378.0	97.46	1.95	0.52	0.02	0.05
19644	2901.9	8147.0	1378.0	97.11	2.21	0.50	0.03	0.15
19645	2899.2	8146.7	1378.0	97.56	1.78	0.46	0.08	0.12
19646	2896.6	8146.5	1378.0	98.15	1.16	0.48	0.08	0.13
19647	2894.0	8146.2	1378.0	97.45	1.80	0.51	0.09	0.15

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
19648	2893.4	8148.9	1378.0	98.18	1.09	0.43	0.09	0.21
19649	2896.0	8149.1	1378.0	98.52	1.06	0.33	0.01	0.08
19650	2898.7	8149.4	1378.0	97.37	2.04	0.42	0.06	0.11
19651	2901.3	8149.6	1378.0	98.38	1.16	0.38	0.02	0.06
19652	2903.9	8149.9	1378.0	98.07	1.42	0.48	0.01	0.02
19653	2906.6	8150.1	1378.0	97.30	2.09	0.43	0.04	0.14
19654	2909.2	8150.4	1378.0	98.12	1.39	0.44	0.02	0.03
19655	2911.9	8150.7	1378.0	98.19	1.32	0.43	0.02	0.04
19656	2911.4	8153.2	1378.0	98.10	1.39	0.47	0.02	0.02
19657	2908.7	8153.0	1378.0	98.14	1.39	0.43	0.02	0.02
19658	2906.1	8152.7	1378.0	98.07	1.36	0.52	0.02	0.03
19659	2903.4	8152.5	1378.0	97.86	1.63	0.43	0.03	0.05
19660	2900.8	8152.2	1378.0	97.98	1.42	0.42	0.06	0.12
19661	2898.1	8152.0	1378.0	97.55	1.52	0.54	0.12	0.27
19662	2895.5	8151.7	1378.0	97.79	1.41	0.48	0.12	0.20
19663	2892.8	8151.5	1378.0	98.00	1.35	0.39	0.09	0.17
19664	2892.3	8154.1	1378.0	98.05	1.09	0.40	0.14	0.32
19665	2894.9	8154.3	1378.0	97.90	1.17	0.42	0.17	0.34
19666	2897.6	8154.6	1378.0	97.71	1.16	0.67	0.18	0.28
19667	2900.2	8154.8	1378.0	97.68	1.40	0.52	0.12	0.28
19668	2902.9	8155.1	1378.0	97.90	1.46	0.43	0.06	0.15
19669	2905.5	8155.3	1378.0	98.10	1.25	0.39	0.08	0.18
19670	2908.2	8155.6	1378.0	97.71	1.75	0.46	0.03	0.05
19671	2910.9	8155.8	1378.0	97.91	1.58	0.47	0.02	0.02
19672	2910.3	8158.4	1378.0	98.04	1.40	0.48	0.02	0.06
19673	2907.7	8158.2	1378.0	97.97	1.54	0.45	0.01	0.03
19674	2905.0	8157.9	1378.0	98.02	1.45	0.40	0.03	0.10
19675	2902.4	8157.7	1378.0	98.11	1.31	0.41	0.04	0.13
19676	2899.7	8157.5	1378.0	97.92	1.31	0.47	0.08	0.22
19677	2897.0	8157.2	1378.0	95.72	1.55	2.41	0.07	0.25
19678	2894.4	8157.0	1378.0	97.59	1.19	0.41	0.23	0.58
19679	2891.7	8156.7	1378.0	97.79	1.03	0.42	0.28	0.48
19680	2891.2	8159.4	1378.0	97.98	1.06	0.42	0.18	0.36
19681	2893.8	8159.6	1378.0	97.58	1.18	0.56	0.22	0.46
19682	2896.5	8159.8	1378.0	97.09	1.35	1.15	0.15	0.26
19683	2899.2	8160.1	1378.0	97.83	1.18	0.52	0.19	0.28
19684	2901.8	8160.3	1378.0	98.39	1.06	0.39	0.05	0.11
19685	2904.5	8160.5	1378.0	98.03	1.46	0.41	0.03	0.07
19686	2907.2	8160.8	1378.0	97.50	1.84	0.45	0.05	0.16
19687	2909.8	8161.0	1378.0	97.93	1.46	0.49	0.04	0.08
19688	2869.7	8180.4	1378.0	97.53	1.99	0.38	0.03	0.07
19689	2869.0	8183.2	1378.0	97.38	2.16	0.36	0.02	0.08
19690	2871.6	8183.8	1378.0	91.06	8.40	0.39	0.04	0.11
19691	2874.3	8184.4	1378.0	96.13	2.46	0.72	0.36	0.33
19692	2876.4	8184.5	1378.0	96.01	3.14	0.38	0.14	0.33
19693	2875.7	8187.1	1378.0	95.56	3.98	0.38	0.02	0.06
19694	2873.5	8186.9	1378.0	97.97	1.46	0.36	0.05	0.16
19695	2870.9	8186.3	1378.0	97.27	1.87	0.39	0.15	0.32
19696	2868.2	8185.7	1378.0	97.74	1.62	0.35	0.08	0.21
19697	2867.6	8188.3	1378.0	95.23	4.06	0.38	0.05	0.28
19698	2870.2	8188.9	1378.0	97.37	2.09	0.38	0.04	0.12
19699	2872.8	8189.5	1378.0	98.05	1.14	0.69	0.03	0.09
19700	2875.1	8189.7	1378.0	96.72	2.36	0.85	0.06	0.01
19701	3110.9	8280.1	1486.0	97.30	1.37	0.40	0.37	0.56
19702	3108.4	8279.9	1486.0	96.36	2.60	0.44	0.20	0.40

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
19703	3101.2	8280.2	1486.0	97.55	1.80	0.42	0.06	0.17
19704	3098.9	8280.6	1486.0	97.23	2.16	0.43	0.05	0.13
19705	3096.5	8280.8	1486.0	96.08	3.27	0.48	0.04	0.13
19706	3094.1	8281.8	1486.0	75.85	23.20	0.43	0.08	0.44
19707	3094.1	8282.9	1486.0	95.13	3.55	0.56	0.16	0.60
19708	3096.7	8282.9	1486.0	86.34	12.60	0.50	0.10	0.46
19709	3099.2	8282.8	1486.0	97.29	2.07	0.42	0.05	0.17
19710	3101.4	8282.8	1486.0	97.34	1.73	0.41	0.13	0.39
19711	3104.0	8282.8	1486.0	96.94	2.08	0.43	0.17	0.38
19712	3106.2	8282.7	1486.0	97.04	1.99	0.44	0.14	0.39
19713	3108.5	8282.6	1486.0	95.93	2.92	0.42	0.18	0.55
19714	3094.1	8285.3	1486.0	90.69	7.80	1.17	0.06	0.28
19715	3096.6	8285.3	1486.0	91.08	8.10	0.54	0.06	0.22
19716	3099.1	8285.2	1486.0	97.80	1.37	0.52	0.08	0.23
19717	3101.3	8285.2	1486.0	97.89	1.34	0.45	0.08	0.24
19718	3103.9	8285.2	1486.0	97.29	1.90	0.44	0.10	0.27
19719	3106.2	8285.2	1486.0	97.42	1.68	0.44	0.12	0.34
19720	3108.5	8285.1	1486.0	95.47	3.10	0.44	0.29	0.70
19721	3111.0	8284.9	1486.0	97.21	1.65	0.41	0.24	0.49
19722	3113.5	8284.9	1486.0	97.05	1.98	0.58	0.12	0.27
19723	3113.4	8282.4	1486.0	97.67	1.30	0.58	0.15	0.30
19724	3113.2	8280.1	1486.0	97.47	1.41	0.55	0.19	0.38
19725	3113.4	8277.5	1486.0	97.12	1.65	0.63	0.22	0.38
19726	2872.1	8192.1	1378.0	95.07	4.30	0.37	0.07	0.19
19727	2869.5	8191.5	1378.0	97.17	2.22	0.39	0.04	0.18
19728	2866.9	8190.9	1378.0	96.05	3.38	0.36	0.04	0.17
19729	2866.1	8193.5	1378.0	96.44	3.05	0.35	0.04	0.12
19730	2868.8	8194.0	1378.0	87.92	11.20	0.32	0.16	0.40
19731	2871.4	8194.6	1378.0	98.40	1.25	0.30	0.02	0.03
19732	2870.7	8197.2	1378.0	98.24	1.39	0.32	0.01	0.04
19733	2870.0	8199.7	1378.0	97.19	2.22	0.38	0.06	0.15
19734	2865.4	8196.0	1378.0	96.88	2.40	0.35	0.13	0.24
19735	2864.7	8198.6	1378.0	96.40	3.03	0.38	0.06	0.13
19736	2867.4	8199.2	1378.0	97.87	1.77	0.30	0.02	0.04
19737	2864.0	8201.2	1378.0	97.38	2.12	0.34	0.05	0.11
19738	2869.2	8202.3	1378.0	91.34	8.10	0.33	0.03	0.20
19739	2868.5	8204.9	1378.0	97.11	2.49	0.33	0.02	0.05
19740	2865.9	8204.3	1378.0	94.14	1.45	3.98	0.07	0.36
19741	2863.3	8203.7	1378.0	97.57	1.48	0.53	0.10	0.32
19742	2862.6	8206.3	1378.0	97.88	1.35	0.48	0.07	0.22
19743	2865.2	8206.9	1378.0	97.58	1.25	0.62	0.16	0.39
19744	2867.8	8207.4	1378.0	97.96	1.19	0.45	0.11	0.29
19745	2867.1	8210.0	1378.0	97.93	1.12	0.47	0.07	0.41
19746	2861.9	8208.9	1378.0	96.75	2.40	0.44	0.12	0.29
19747	2861.2	8211.5	1378.0	97.66	1.61	0.43	0.08	0.22
19748	2860.5	8214.0	1378.0	95.83	2.35	0.36	0.18	1.28
19749	2859.9	8216.6	1378.0	97.74	1.45	0.36	0.12	0.33
19750	2859.4	8219.1	1378.0	96.75	2.41	0.43	0.09	0.32
19751	2862.0	8219.6	1378.0	97.90	1.46	0.35	0.13	0.16
19752	2858.2	8224.2	1378.0	96.93	2.25	0.35	0.12	0.35
19753	2857.6	8226.7	1378.0	97.02	1.61	0.32	0.26	0.79
19754	2860.3	8227.2	1378.0	97.71	1.59	0.47	0.07	0.16
19755	2860.9	8224.7	1378.0	97.86	1.50	0.38	0.07	0.19
19756	2863.0	8227.8	1378.0	97.59	1.75	0.40	0.10	0.16
19757	2863.6	8225.2	1378.0	97.31	2.21	0.34	0.04	0.10

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
19758	2864.1	8222.7	1378.0	98.26	1.27	0.36	0.03	0.08
19759	2864.6	8220.2	1378.0	97.52	1.90	0.39	0.06	0.13
19760	2865.1	8217.7	1378.0	97.72	1.49	0.42	0.09	0.28
19761	2865.7	8215.1	1378.0	97.65	1.35	0.69	0.08	0.23
19762	2874.4	8192.3	1378.0	94.11	2.90	0.53	0.43	2.03
19763	2873.7	8194.9	1378.0	97.25	2.31	0.34	0.02	0.08
19764	2876.0	8195.1	1378.0	96.97	2.51	0.34	0.03	0.15
19765	2876.6	8192.5	1378.0	95.86	3.59	0.34	0.05	0.16
19766	2877.3	8189.9	1378.0	95.64	3.52	0.67	0.05	0.12
19767	2877.9	8187.2	1378.0	97.95	1.57	0.45	0.00	0.03
19768	2878.6	8184.6	1378.0	98.14	1.41	0.37	0.01	0.07
19769	2879.5	8182.5	1378.0	97.55	1.99	0.39	0.01	0.06
19770	2880.3	8180.3	1378.0	98.09	1.50	0.39	0.01	0.01
19771	2883.6	8175.3	1378.0	98.43	1.18	0.38	0.00	0.01
19772	2883.0	8177.9	1378.0	96.60	2.76	0.57	0.02	0.05
19773	2882.5	8180.5	1378.0	97.30	2.21	0.45	0.00	0.04
19774	2881.9	8183.1	1378.0	97.96	1.67	0.37	0.00	0.00
19775	2881.4	8185.6	1378.0	98.44	1.21	0.35	0.00	0.00
19776	2880.7	8188.2	1378.0	98.58	1.03	0.37	0.00	0.02
19777	2880.1	8190.8	1378.0	97.28	2.27	0.36	0.02	0.07
19778	2879.4	8193.4	1378.0	98.34	1.23	0.34	0.03	0.06
19779	2878.7	8196.0	1378.0	98.48	1.11	0.32	0.01	0.08
19780	2881.4	8196.9	1378.0	98.42	1.18	0.34	0.01	0.05
19781	2882.1	8194.3	1378.0	97.78	1.79	0.33	0.02	0.08
19782	2882.8	8191.8	1378.0	96.42	3.12	0.36	0.03	0.07
19783	2883.5	8189.2	1378.0	97.42	2.16	0.34	0.01	0.07
19784	2884.2	8186.7	1378.0	98.13	1.34	0.39	0.04	0.10
19785	2884.7	8184.0	1378.0	98.40	1.18	0.39	0.01	0.02
19786	2885.2	8181.4	1378.0	96.69	2.85	0.38	0.01	0.07
19787	2885.7	8178.7	1378.0	97.49	2.05	0.40	0.01	0.05
19788	2886.2	8176.0	1378.0	98.08	1.43	0.42	0.02	0.05
19789	2886.8	8173.3	1378.0	98.22	1.31	0.40	0.02	0.05
19790	2887.3	8170.7	1378.0	97.84	1.70	0.39	0.02	0.05
19791	2880.8	8199.5	1378.0	96.36	3.20	0.35	0.02	0.07
19792	2878.1	8198.6	1378.0	96.74	2.65	0.33	0.05	0.23
19793	2875.4	8197.8	1378.0	97.10	2.38	0.36	0.04	0.12
19794	2873.0	8197.5	1378.0	95.18	4.39	0.32	0.02	0.09
19795	2872.3	8200.1	1378.0	97.03	2.60	0.32	0.01	0.04
19796	2874.7	8200.4	1378.0	97.18	2.34	0.34	0.04	0.10
19797	2877.4	8201.2	1378.0	96.47	3.05	0.37	0.03	0.08
19798	2880.1	8202.0	1378.0	97.87	1.73	0.33	0.01	0.06
19799	2879.4	8204.6	1378.0	97.73	1.90	0.32	0.01	0.04
19800	2876.7	8203.8	1378.0	96.30	3.25	0.35	0.02	0.08
19801	2874.1	8203.0	1378.0	97.11	2.36	0.34	0.03	0.16
19802	2871.6	8202.7	1378.0	97.46	1.91	0.39	0.07	0.17
19803	2871.0	8205.3	1378.0	92.80	4.62	0.64	0.60	1.34
19804	2873.4	8205.7	1378.0	96.96	2.59	0.35	0.02	0.08
19805	2876.1	8206.4	1378.0	97.19	2.24	0.41	0.04	0.12
19806	2878.7	8207.1	1378.0	97.29	2.16	0.45	0.02	0.08
19807	2870.3	8207.9	1378.0	97.19	2.33	0.32	0.03	0.13
19808	2872.7	8208.3	1378.0	97.02	2.54	0.34	0.02	0.08
19809	2875.4	8209.0	1378.0	97.16	2.47	0.29	0.02	0.06
19810	2878.0	8209.7	1378.0	97.89	1.68	0.34	0.02	0.07
19811	2877.3	8212.2	1378.0	97.97	1.46	0.42	0.04	0.11
19812	2874.7	8211.6	1378.0	95.75	2.44	0.51	0.31	0.99

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
19813	2872.1	8211.0	1378.0	98.14	1.37	0.40	0.02	0.07
19814	2869.6	8210.5	1378.0	98.40	1.16	0.38	0.02	0.04
19815	2868.9	8213.1	1378.0	98.40	1.23	0.30	0.02	0.05
19816	2871.4	8213.6	1378.0	98.18	1.32	0.28	0.02	0.20
19817	2874.0	8214.2	1378.0	97.99	1.39	0.47	0.03	0.12
19818	2876.6	8214.8	1378.0	96.83	2.48	0.30	0.11	0.28
19820	2875.9	8217.3	1378.0	97.82	1.38	0.37	0.12	0.31
19821	2873.4	8216.8	1378.0	98.49	1.06	0.33	0.03	0.09
19822	2870.8	8216.2	1378.0	97.51	1.66	0.42	0.12	0.29
19823	2868.2	8215.7	1378.0	97.70	1.79	0.36	0.04	0.11
19824	2870.3	8218.7	1378.0	98.14	1.13	0.60	0.02	0.11
19825	2875.5	8219.8	1378.0	96.67	2.76	0.41	0.03	0.13
19826	2875.1	8222.3	1378.0	97.83	1.32	0.63	0.05	0.17
19827	2872.5	8221.8	1378.0	98.27	1.14	0.45	0.04	0.10
19828	2869.9	8221.2	1378.0	98.01	1.30	0.50	0.05	0.14
19829	2867.2	8220.7	1378.0	97.39	1.70	0.37	0.14	0.40
19830	2874.7	8224.8	1378.0	98.03	1.44	0.40	0.04	0.09
19831	2872.1	8224.3	1378.0	97.69	1.70	0.36	0.07	0.18
19832	2869.4	8223.8	1378.0	98.18	1.33	0.36	0.04	0.09
19833	2866.7	8223.2	1378.0	97.76	1.62	0.39	0.06	0.17
19834	2866.3	8225.8	1378.0	97.83	1.62	0.36	0.07	0.12
19835	2868.9	8226.3	1378.0	97.93	1.36	0.36	0.10	0.25
19836	2871.6	8226.8	1378.0	98.31	1.12	0.35	0.02	0.20
19837	2874.3	8227.3	1378.0	97.49	1.94	0.36	0.05	0.16
19838	2873.9	8229.8	1378.0	97.47	1.53	0.58	0.12	0.30
19839	2871.2	8229.3	1378.0	97.79	1.39	0.38	0.12	0.32
19840	2868.5	8228.8	1378.0	97.23	1.74	0.46	0.17	0.40
19841	2865.8	8228.3	1378.0	89.94	1.34	8.50	0.04	0.18
19851	3098.7	8154.2	1486.0	96.96	2.16	0.51	0.13	0.24
19852	3098.6	8156.7	1486.0	96.33	2.74	0.46	0.13	0.34
19853	3098.4	8159.1	1486.0	94.57	3.71	0.56	0.47	0.69
19854	3098.3	8161.6	1486.0	95.20	3.20	0.53	0.34	0.73
19855	3098.1	8164.0	1486.0	91.49	5.75	0.70	0.72	1.34
19856	3098.0	8166.5	1486.0	95.19	3.79	0.55	0.15	0.32
19857	3100.4	8166.8	1486.0	94.32	4.89	0.47	0.09	0.23
19858	3100.5	8164.4	1486.0	96.28	2.43	0.43	0.35	0.51
19859	3100.6	8162.1	1486.0	94.37	4.64	0.52	0.15	0.32
19860	3100.8	8159.7	1486.0	95.60	3.28	0.44	0.24	0.44
19861	3100.9	8157.3	1486.0	96.41	1.97	0.56	0.47	0.59
19862	3101.1	8155.0	1486.0	96.55	2.07	0.52	0.37	0.49
19863	3103.2	8156.8	1486.0	97.72	1.64	0.48	0.07	0.09
19864	3103.1	8159.2	1486.0	96.60	2.56	0.51	0.10	0.23
19865	3102.9	8161.7	1486.0	91.39	7.70	0.52	0.11	0.28
19866	3102.8	8164.1	1486.0	96.27	3.00	0.45	0.07	0.21
19867	3102.7	8166.6	1486.0	95.63	3.60	0.51	0.06	0.20
19868	3104.8	8166.6	1486.0	96.39	2.88	0.43	0.09	0.21
19869	3104.8	8164.2	1486.0	97.09	2.18	0.48	0.09	0.16
19870	3104.9	8161.9	1486.0	97.36	1.88	0.52	0.09	0.15
19871	3105.0	8159.6	1486.0	97.50	1.74	0.52	0.10	0.14
19879	3106.8	8169.1	1486.0	96.66	2.61	0.48	0.07	0.18
19880	3104.7	8168.9	1486.0	97.98	1.41	0.45	0.04	0.12
19881	3102.5	8169.0	1486.0	97.71	1.60	0.42	0.08	0.19
19882	3100.2	8169.1	1486.0	97.78	1.46	0.44	0.09	0.23
19883	3097.9	8169.0	1486.0	96.64	2.05	0.46	0.33	0.52
19884	3097.7	8171.4	1486.0	92.00	6.40	0.44	0.48	0.68

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
19885	3100.1	8171.5	1486.0	97.80	1.50	0.44	0.06	0.20
19886	3102.4	8171.4	1486.0	97.92	1.45	0.42	0.04	0.17
19887	3104.6	8171.3	1486.0	95.56	2.69	0.54	0.40	0.81
19888	3107.1	8171.7	1486.0	96.88	2.36	0.54	0.06	0.16
19889	3107.3	8174.0	1486.0	97.26	2.03	0.48	0.07	0.16
19890	3102.2	8173.9	1486.0	96.68	2.59	0.49	0.07	0.17
19891	3099.9	8173.9	1486.0	97.75	1.51	0.46	0.11	0.17
19892	3097.6	8173.9	1486.0	97.72	1.39	0.46	0.15	0.28
19901	3124.2	8200.7	1486.0	95.60	3.16	0.73	0.15	0.36
19902	3126.6	8200.1	1486.0	96.07	2.55	0.65	0.24	0.49
19903	3129.0	8199.6	1486.0	96.58	2.25	0.72	0.16	0.29
19904	3131.2	8199.0	1486.0	95.93	2.14	0.99	0.37	0.57
19905	3135.8	8197.7	1486.0	96.60	2.06	0.92	0.14	0.28
19906	3133.6	8198.1	1486.0	96.88	1.74	0.90	0.18	0.30
19907	3131.3	8198.5	1486.0	96.08	2.07	0.95	0.36	0.54
19908	3129.0	8199.0	1486.0	96.80	1.87	0.75	0.22	0.36
19909	3126.6	8199.3	1486.0	96.59	2.23	0.67	0.19	0.32
19910	3124.1	8199.6	1486.0	96.21	2.54	0.55	0.26	0.44
19911	3123.8	8197.1	1486.0	96.39	2.20	0.86	0.22	0.33
19912	3126.2	8196.7	1486.0	96.81	1.78	0.77	0.26	0.38
19913	3128.6	8196.4	1486.0	96.84	1.64	0.78	0.34	0.40
19914	3131.0	8196.1	1486.0	96.66	1.71	0.98	0.28	0.37
19915	3130.7	8193.7	1486.0	96.58	1.76	0.93	0.31	0.42
19916	3128.3	8194.0	1486.0	96.35	2.47	0.56	0.21	0.41
19917	3125.9	8194.3	1486.0	96.82	1.68	0.50	0.43	0.57
19918	3123.5	8194.6	1486.0	96.56	1.91	0.89	0.26	0.38
19919	3123.2	8192.2	1486.0	97.03	1.82	0.67	0.20	0.28
19920	3125.6	8191.8	1486.0	96.49	1.85	0.59	0.44	0.63
19921	3128.0	8191.5	1486.0	96.39	1.91	0.75	0.39	0.56
19922	3130.4	8191.2	1486.0	96.62	1.67	1.07	0.25	0.39
19923	3119.5	8202.3	1486.0	94.60	4.35	0.48	0.21	0.36
19924	3121.8	8201.3	1486.0	96.45	1.81	0.76	0.39	0.59
19925	3119.2	8200.2	1486.0	96.78	1.99	0.50	0.22	0.51
19926	3121.6	8199.9	1486.0	96.26	2.28	0.54	0.39	0.53
19927	3121.3	8197.4	1486.0	97.21	1.89	0.58	0.11	0.21
19928	3118.9	8197.7	1486.0	96.93	2.31	0.46	0.12	0.18
19929	3118.6	8195.3	1486.0	97.19	1.86	0.57	0.15	0.23
19930	3121.1	8195.0	1486.0	97.22	1.83	0.56	0.14	0.25
19931	3120.8	8192.5	1486.0	97.00	2.12	0.58	0.11	0.19
19932	3118.3	8192.8	1486.0	96.91	2.36	0.53	0.08	0.12
19933	3122.9	8189.7	1486.0	96.53	2.28	0.62	0.22	0.35
19934	3125.3	8189.4	1486.0	96.85	1.86	0.65	0.25	0.39
19935	3127.7	8189.1	1486.0	96.44	1.87	0.76	0.35	0.58
19936	3130.1	8188.8	1486.0	97.20	1.69	0.81	0.12	0.18
19937	3132.1	8188.3	1486.0	97.06	1.52	0.96	0.17	0.29
19938	3132.5	8190.7	1486.0	96.74	1.73	1.34	0.07	0.12
19939	3134.0	8190.7	1486.0	96.09	2.11	1.57	0.08	0.15
19940	3134.6	8193.1	1486.0	97.37	1.78	0.67	0.06	0.12
19941	3132.9	8193.2	1486.0	97.31	1.63	0.93	0.05	0.08
19942	3133.2	8195.7	1486.0	97.53	1.28	1.00	0.07	0.12
19943	3135.2	8195.4	1486.0	96.94	2.07	0.65	0.13	0.21
19944	3120.5	8190.0	1486.0	96.66	1.98	0.57	0.27	0.52
19945	3122.6	8187.2	1486.0	96.55	1.96	0.67	0.29	0.53
19946	3125.0	8186.9	1486.0	94.37	4.40	0.67	0.20	0.36
19947	3127.4	8186.6	1486.0	96.68	1.66	0.73	0.35	0.58

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
19948	3129.9	8186.4	1486.0	96.07	2.30	1.17	0.16	0.30
19949	3130.7	8186.3	1486.0	96.73	1.90	0.83	0.18	0.36
19950	3129.6	8184.0	1486.0	96.49	1.86	1.40	0.08	0.17
19951	3127.1	8184.2	1486.0	96.53	1.66	0.82	0.40	0.59
19952	3124.7	8184.5	1486.0	97.19	1.64	0.68	0.18	0.31
19953	3122.3	8184.7	1486.0	96.82	1.83	0.71	0.23	0.41
19954	3119.9	8185.1	1486.0	97.37	1.75	0.60	0.11	0.17
19955	3117.5	8185.5	1486.0	97.29	2.01	0.56	0.05	0.09
19956	3117.2	8183.1	1486.0	97.71	1.69	0.50	0.02	0.08
19957	3119.6	8182.7	1486.0	96.88	2.36	0.59	0.05	0.12
19958	3122.0	8182.3	1486.0	97.00	1.76	0.68	0.22	0.34
19959	3124.4	8181.9	1486.0	96.94	1.85	0.71	0.20	0.30
19960	3126.8	8181.5	1486.0	93.39	5.40	0.79	0.14	0.28
19961	3128.1	8181.3	1486.0	96.99	1.91	0.52	0.20	0.38
19962	3117.7	8188.0	1486.0	96.64	2.38	0.57	0.17	0.24
19963	3120.2	8187.6	1486.0	97.06	1.97	0.60	0.14	0.23
20401	3119.4	8236.1	1486.0	96.72	1.69	0.75	0.29	0.55
20402	3121.3	8236.7	1486.0	92.70	6.10	0.60	0.13	0.47
20403	3123.7	8237.0	1486.0	81.24	17.10	0.67	0.15	0.84
20404	3126.2	8237.4	1486.0	97.11	1.85	0.65	0.12	0.27
20405	3131.0	8238.1	1486.0	97.14	1.61	0.62	0.23	0.40
20406	3133.4	8238.4	1486.0	97.30	1.59	0.59	0.18	0.34
20407	3135.9	8238.8	1486.0	97.15	1.89	0.59	0.14	0.23
20408	3136.0	8236.2	1486.0	97.49	1.53	0.56	0.16	0.26
20409	3133.6	8236.0	1486.0	97.17	1.63	0.69	0.20	0.31
20410	3131.2	8235.7	1486.0	97.39	1.42	0.70	0.20	0.29
20411	3131.4	8233.2	1486.0	97.24	1.58	0.66	0.21	0.31
20412	3133.7	8233.5	1486.0	97.16	1.64	0.70	0.20	0.30
20413	3136.1	8233.7	1486.0	97.49	1.50	0.62	0.16	0.23
20414	3121.7	8234.7	1486.0	96.35	2.74	0.48	0.14	0.29
20415	3119.3	8234.5	1486.0	95.88	2.57	0.69	0.33	0.53
20416	3118.2	8234.8	1486.0	96.24	1.86	0.61	0.49	0.80
20417	3118.2	8232.4	1486.0	96.91	1.85	0.65	0.21	0.38
20418	3119.4	8232.1	1486.0	97.13	1.91	0.52	0.16	0.28
20419	3126.6	8232.8	1486.0	97.14	1.84	0.61	0.17	0.24
20420	3118.2	8229.9	1486.0	97.07	1.81	0.55	0.19	0.38
20421	3119.5	8229.7	1486.0	97.20	1.86	0.51	0.13	0.30
20422	3121.9	8229.9	1486.0	96.15	2.59	0.62	0.22	0.42
20423	3124.3	8230.1	1486.0	97.24	1.81	0.53	0.18	0.24
20424	3126.7	8230.3	1486.0	97.63	1.46	0.52	0.16	0.23
20425	3129.1	8230.5	1486.0	95.94	3.12	0.54	0.17	0.23
20426	3131.5	8230.7	1486.0	96.96	1.90	0.84	0.11	0.19
20427	3133.9	8231.0	1486.0	96.90	1.83	0.74	0.20	0.33
20428	3136.3	8231.2	1486.0	97.03	1.91	0.69	0.15	0.22
20429	3136.4	8228.7	1486.0	96.95	1.84	0.61	0.23	0.37
20430	3134.0	8228.5	1486.0	94.94	3.75	0.80	0.19	0.32
20431	3131.6	8228.3	1486.0	96.84	1.76	0.66	0.29	0.45
20432	3129.2	8228.1	1486.0	97.43	1.44	0.53	0.23	0.37
20433	3126.8	8227.9	1486.0	97.29	1.83	0.55	0.15	0.18
20434	3124.4	8227.7	1486.0	97.57	1.60	0.51	0.13	0.19
20435	3122.0	8227.5	1486.0	95.74	3.13	0.57	0.18	0.38
20436	3119.6	8227.3	1486.0	97.32	1.86	0.49	0.10	0.23
20437	3118.2	8227.5	1486.0	97.41	1.73	0.58	0.10	0.18
20438	3136.6	8226.1	1486.0	97.01	1.72	0.71	0.22	0.34
20439	3134.2	8225.9	1486.0	96.96	1.85	0.64	0.24	0.31

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
20440	3131.8	8225.8	1486.0	97.36	1.44	0.58	0.24	0.38
20441	3129.4	8225.6	1486.0	97.53	1.55	0.57	0.11	0.24
20442	3127.0	8225.4	1486.0	97.34	1.62	0.63	0.17	0.24
20443	3124.6	8225.2	1486.0	97.19	1.81	0.65	0.12	0.23
20444	3122.2	8225.0	1486.0	93.15	6.00	0.50	0.15	0.20
20445	3119.8	8224.9	1486.0	96.86	2.36	0.44	0.10	0.24
20446	3118.2	8225.0	1486.0	96.71	2.34	0.53	0.19	0.23
20447	3118.2	8222.6	1486.0	97.27	1.73	0.51	0.20	0.29
20448	3119.9	8222.5	1486.0	94.11	4.94	0.42	0.18	0.35
20449	3122.3	8222.6	1486.0	88.16	10.72	0.59	0.09	0.44
20450	3124.7	8222.8	1486.0	97.45	1.65	0.68	0.10	0.12
20451	3127.1	8223.0	1486.0	97.83	1.40	0.48	0.14	0.15
20452	3129.5	8223.1	1486.0	97.52	1.55	0.52	0.19	0.22
20453	3131.9	8223.3	1486.0	97.36	1.67	0.57	0.18	0.22
20454	3134.3	8223.4	1486.0	95.32	3.53	0.73	0.19	0.23
20455	3136.7	8223.6	1486.0	97.37	1.71	0.67	0.11	0.14
20456	3136.9	8221.1	1486.0	97.18	1.92	0.62	0.13	0.15
20457	3134.5	8221.1	1486.0	97.28	1.81	0.61	0.14	0.16
20458	3132.1	8220.9	1486.0	97.40	1.69	0.64	0.13	0.14
20459	3129.7	8220.7	1486.0	97.28	2.06	0.48	0.09	0.09
20460	3127.2	8220.6	1486.0	97.25	2.03	0.55	0.09	0.08
20461	3124.8	8220.4	1486.0	97.61	1.75	0.53	0.05	0.06
20462	3122.4	8220.2	1486.0	92.91	5.89	0.66	0.19	0.35
20463	3120.0	8220.1	1486.0	96.42	2.41	0.48	0.23	0.46
20464	3118.2	8220.2	1486.0	97.53	1.67	0.48	0.21	0.11
20476	3123.7	8216.0	1486.0	96.83	2.05	0.55	0.20	0.37
20477	3123.7	8214.3	1486.0	97.26	1.85	0.55	0.12	0.22
20478	3123.8	8211.9	1486.0	96.22	2.74	0.53	0.20	0.31
20479	3123.8	8209.6	1486.0	96.62	2.46	0.52	0.15	0.25
20480	3126.2	8209.7	1486.0	97.15	1.81	0.57	0.22	0.25
20481	3126.1	8212.2	1486.0	97.19	1.92	0.57	0.13	0.19
20482	3126.0	8214.5	1486.0	96.49	2.67	0.55	0.13	0.16
20483	3126.0	8216.8	1486.0	97.17	1.79	0.73	0.14	0.17
20484	3128.4	8217.0	1486.0	97.27	1.71	0.56	0.19	0.27
20485	3128.4	8214.7	1486.0	96.71	1.90	0.67	0.31	0.41
20486	3128.6	8212.4	1486.0	97.18	1.74	0.58	0.23	0.27
20487	3128.7	8210.0	1486.0	96.75	1.69	0.61	0.43	0.52
20488	3131.1	8210.1	1486.0	97.59	1.57	0.54	0.10	0.20
20489	3131.0	8212.5	1486.0	96.02	3.09	0.57	0.14	0.18
20490	3130.9	8214.9	1486.0	96.99	1.87	0.64	0.21	0.29
20491	3130.7	8217.2	1486.0	96.58	2.13	0.73	0.24	0.32
20492	3133.1	8217.4	1486.0	97.17	1.79	0.58	0.19	0.27
20493	3133.2	8215.1	1486.0	96.78	2.20	0.57	0.19	0.26
20494	3133.4	8212.7	1486.0	96.28	2.47	0.58	0.27	0.40
20495	3133.5	8210.4	1486.0	96.08	3.06	0.56	0.14	0.16
20496	3135.8	8210.5	1486.0	96.86	1.80	0.55	0.33	0.46
20497	3135.7	8213.0	1486.0	96.79	2.05	0.60	0.25	0.31
20498	3135.6	8215.4	1486.0	96.24	2.24	0.56	0.39	0.57
20499	3135.5	8217.7	1486.0	97.19	1.97	0.51	0.15	0.18
20500	3137.7	8218.9	1486.0	97.50	1.63	0.54	0.14	0.19
20501	3137.7	8217.7	1486.0	96.82	2.02	0.54	0.27	0.35
20502	3137.9	8215.6	1486.0	97.53	1.75	0.58	0.07	0.07
20503	3138.0	8212.9	1486.0	97.57	1.70	0.58	0.07	0.08
20504	3138.1	8210.5	1486.0	97.19	1.84	0.61	0.15	0.21
20505	3119.1	8209.2	1486.0	97.37	1.66	0.83	0.06	0.08

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
20506	3119.0	8211.5	1486.0	96.98	1.89	0.50	0.26	0.37
20507	3119.0	8213.8	1486.0	94.99	3.92	0.52	0.19	0.38
20508	3118.9	8215.5	1486.0	97.23	1.87	0.49	0.16	0.25
20509	3121.3	8215.7	1486.0	96.85	2.15	0.50	0.19	0.31
20510	3121.4	8214.0	1486.0	91.26	7.25	0.69	0.24	0.56
20511	3121.4	8211.7	1486.0	92.16	6.75	0.57	0.15	0.37
20512	3121.4	8209.5	1486.0	95.88	3.11	0.50	0.17	0.34
20514	3121.5	8207.1	1486.0	95.96	3.10	0.50	0.12	0.32
20515	3123.9	8207.3	1486.0	95.48	3.58	0.55	0.11	0.28
20516	3126.3	8207.4	1486.0	97.42	1.68	0.51	0.14	0.25
20517	3128.7	8207.6	1486.0	96.79	1.98	0.65	0.24	0.34
20518	3131.2	8207.7	1486.0	97.62	1.67	0.13	0.22	0.36
20519	3133.6	8207.9	1486.0	96.82	1.62	1.09	0.18	0.29
20520	3136.0	8207.9	1486.0	96.54	1.98	0.93	0.22	0.33
20521	3137.5	8207.9	1486.0	96.92	1.78	0.78	0.20	0.32
20522	3137.5	8205.5	1486.0	96.92	1.73	0.95	0.13	0.27
20523	3136.2	8205.5	1486.0	96.92	1.73	0.92	0.16	0.27
20524	3133.7	8205.4	1486.0	97.01	1.76	0.83	0.15	0.25
20525	3131.3	8205.3	1486.0	96.81	1.77	0.75	0.26	0.41
20526	3128.9	8205.2	1486.0	96.68	2.20	0.60	0.14	0.38
20527	3126.4	8205.0	1486.0	97.10	1.83	0.59	0.15	0.33
20528	3124.0	8204.9	1486.0	96.90	2.00	0.54	0.20	0.36
20529	3121.5	8204.8	1486.0	95.66	3.29	0.54	0.15	0.36
20530	3119.1	8204.7	1486.0	93.10	5.52	0.53	0.27	0.58
20531	3117.9	8204.5	1486.0	96.18	2.72	0.52	0.20	0.38
20532	3118.0	8206.9	1486.0	95.12	3.55	0.56	0.26	0.51
20533	3119.0	8207.0	1486.0	91.61	7.07	0.47	0.27	0.58
20534	3123.9	8203.2	1486.0	96.25	2.63	0.52	0.21	0.39
20535	3126.5	8203.1	1486.0	96.29	2.58	0.54	0.21	0.38
20536	3128.9	8203.1	1486.0	95.64	3.15	0.75	0.19	0.27
20537	3131.3	8203.0	1486.0	96.56	1.87	0.85	0.29	0.43
20538	3133.8	8203.1	1486.0	96.73	1.87	0.89	0.19	0.32
20539	3136.1	8203.1	1486.0	96.58	2.14	0.94	0.14	0.20
20540	3137.6	8203.3	1486.0	97.05	2.06	0.60	0.11	0.18
20541	3137.3	8200.7	1486.0	96.80	2.37	0.63	0.06	0.14
20542	3136.2	8200.9	1486.0	96.92	1.78	1.02	0.12	0.16
20543	3133.8	8201.0	1486.0	96.66	1.74	1.02	0.21	0.37
20544	3131.1	8201.2	1486.0	95.86	2.27	1.04	0.59	0.24
21001	3114.7	8231.2	1486.0	97.24	1.59	0.45	0.28	0.44
21002	3114.6	8233.6	1486.0	96.80	1.52	0.72	0.36	0.60
21003	3114.3	8236.0	1486.0	96.53	1.53	0.67	0.50	0.77
21004	3114.1	8238.5	1486.0	95.57	2.00	0.61	0.76	1.06
21005	3113.9	8240.9	1486.0	96.75	1.37	0.61	0.48	0.79
21006	3113.7	8243.3	1486.0	97.04	1.47	0.56	0.32	0.61
21007	3111.3	8242.9	1486.0	95.90	1.58	0.68	0.72	1.12
21008	3111.5	8240.5	1486.0	96.35	1.57	0.61	0.52	0.95
21009	3111.7	8238.2	1486.0	96.31	1.64	0.65	0.47	0.93
21010	3111.9	8235.8	1486.0	96.18	1.63	0.59	0.60	1.00
21011	3112.1	8233.4	1486.0	95.72	1.88	0.57	0.55	1.28
21012	3112.2	8231.0	1486.0	96.63	1.59	0.57	0.43	0.78
21013	3109.8	8230.9	1486.0	92.50	1.70	4.10	0.56	1.14
21014	3109.6	8233.2	1486.0	96.26	1.76	0.62	0.43	0.93
21015	3109.4	8235.5	1486.0	96.72	1.75	0.72	0.24	0.57
21016	3109.2	8237.9	1486.0	96.53	2.03	0.61	0.15	0.68
21017	3109.1	8240.2	1486.0	97.35	1.59	0.63	0.15	0.28

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
21018	3108.9	8242.5	1486.0	96.86	1.85	0.72	0.19	0.38
21019	3106.5	8242.2	1486.0	97.23	1.48	0.65	0.22	0.42
21020	3106.6	8239.9	1486.0	97.54	1.41	0.60	0.14	0.31
21021	3106.8	8237.6	1486.0	96.80	1.75	0.63	0.28	0.54
21022	3107.0	8235.3	1486.0	97.26	1.49	0.64	0.17	0.44
21023	3107.2	8233.0	1486.0	97.30	1.58	0.49	0.24	0.39
21024	3107.3	8230.7	1486.0	97.49	1.51	0.50	0.18	0.32
21025	3104.9	8230.6	1486.0	96.31	1.94	0.63	0.26	0.86
21026	3104.7	8232.8	1486.0	97.27	1.60	0.71	0.14	0.28
21027	3104.5	8235.1	1486.0	97.19	1.54	0.55	0.29	0.43
21028	3104.4	8237.3	1486.0	96.77	1.62	0.51	0.40	0.70
21029	3104.2	8239.6	1486.0	97.03	1.58	0.48	0.27	0.64
21030	3104.0	8241.8	1486.0	97.12	1.89	0.49	0.16	0.34
21031	3101.6	8241.5	1486.0	97.40	1.34	0.55	0.24	0.47
21032	3101.8	8239.2	1486.0	97.56	1.35	0.47	0.19	0.43
21033	3101.9	8237.0	1486.0	96.32	1.83	0.50	0.45	0.90
21034	3102.1	8234.8	1486.0	97.18	1.47	0.55	0.29	0.51
21035	3102.3	8232.6	1486.0	97.35	1.49	0.59	0.21	0.36
21036	3102.4	8230.4	1486.0	96.87	1.75	0.55	0.27	0.56
21037	3100.0	8230.3	1486.0	96.84	2.12	0.48	0.20	0.36
21038	3099.8	8232.4	1486.0	94.92	4.03	0.46	0.20	0.39
21039	3099.7	8234.6	1486.0	96.27	2.39	0.51	0.24	0.59
21040	3099.5	8236.8	1486.0	96.68	1.62	0.52	0.35	0.83
21041	3099.4	8238.9	1486.0	96.81	1.83	0.48	0.29	0.59
21042	3099.2	8241.1	1486.0	96.45	2.09	0.53	0.25	0.68
21043	3096.8	8240.7	1486.0	97.09	1.83	0.50	0.16	0.42
21044	3096.9	8238.6	1486.0	97.16	1.72	0.50	0.15	0.47
21045	3097.1	8236.5	1486.0	96.51	2.15	0.49	0.22	0.63
21046	3097.2	8234.4	1486.0	97.42	1.62	0.49	0.12	0.35
21047	3097.4	8232.2	1486.0	96.79	1.82	0.48	0.32	0.59
21048	3097.5	8230.1	1486.0	96.41	2.39	0.46	0.21	0.53
21049	3095.1	8230.0	1486.0	96.72	2.18	0.57	0.06	0.47
21050	3094.9	8232.3	1486.0	96.21	3.04	0.50	0.09	0.16
21051	3094.7	8234.3	1486.0	97.64	1.49	0.52	0.03	0.32
21052	3094.6	8236.3	1486.0	97.74	1.34	0.52	0.30	0.10
21053	3094.5	8238.4	1486.0	95.13	3.23	0.54	0.11	0.99
21054	3094.4	8240.4	1486.0	97.24	1.63	0.47	0.19	0.47
21055	3097.7	8227.8	1486.0	92.35	6.50	0.53	0.20	0.42
21056	3100.2	8227.9	1486.0	95.84	3.03	0.44	0.21	0.48
21057	3102.6	8228.0	1486.0	97.34	1.58	0.50	0.23	0.35
21058	3105.1	8228.2	1486.0	97.33	1.42	0.45	0.28	0.52
21059	3107.5	8228.3	1486.0	96.46	2.08	0.48	0.32	0.66
21060	3109.9	8228.5	1486.0	96.88	1.68	0.53	0.36	0.55
21061	3112.4	8228.6	1486.0	96.27	1.88	0.60	0.47	0.78
21062	3114.8	8228.7	1486.0	93.29	2.00	0.61	0.85	3.25
21063	3115.0	8226.3	1486.0	97.14	1.61	0.72	0.20	0.33
21064	3112.5	8226.2	1486.0	96.87	2.05	0.57	0.20	0.31
21065	3110.1	8226.0	1486.0	96.74	1.80	0.51	0.39	0.56
21066	3107.7	8225.9	1486.0	96.60	1.85	0.47	0.37	0.71
21067	3105.2	8225.8	1486.0	96.52	1.98	0.47	0.30	0.73
21068	3102.8	8225.7	1486.0	97.89	1.22	0.45	0.16	0.28
21069	3100.4	8225.5	1486.0	96.00	2.81	0.46	0.22	0.51
21070	3097.9	8225.4	1486.0	95.41	3.08	0.46	0.31	0.74
21071	3095.5	8225.3	1486.0	96.48	2.29	0.47	0.23	0.53
21072	3095.3	8227.6	1486.0	95.90	2.94	0.49	0.17	0.50

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
21073	3095.7	8223.0	1486.0	96.73	2.14	0.47	0.20	0.46
21074	3098.1	8223.1	1486.0	96.65	2.03	0.53	0.26	0.53
21075	3100.6	8223.2	1486.0	96.55	1.85	0.47	0.43	0.70
21076	3119.4	8156.4	1498.0	95.60	3.07	0.61	0.21	0.51
21077	3116.6	8156.9	1498.0	96.91	2.05	0.58	0.16	0.30
21078	3113.9	8157.4	1498.0	97.19	1.95	0.57	0.08	0.21
21079	3113.5	8159.6	1498.0	96.57	2.24	0.58	0.16	0.45
21080	3115.8	8159.2	1498.0	96.35	2.30	0.64	0.21	0.50
21081	3118.0	8158.8	1498.0	95.50	2.55	0.66	0.40	0.89
21082	3120.2	8158.4	1498.0	97.07	1.95	0.52	0.19	0.27
21083	3122.4	8158.0	1498.0	97.38	1.76	0.51	0.10	0.25
21084	3124.7	8157.7	1498.0	97.08	1.96	0.52	0.17	0.27
21085	3116.1	8161.5	1498.0	96.77	2.16	0.63	0.12	0.32
21086	3114.2	8161.8	1498.0	95.89	2.35	0.77	0.26	0.73
21087	3112.3	8162.1	1498.0	92.59	5.35	0.78	0.37	0.91
21088	3113.6	8163.9	1498.0	97.06	1.82	0.56	0.14	0.42
21089	3115.4	8163.6	1498.0	92.67	5.44	0.71	0.28	0.90
21090	3117.2	8163.3	1498.0	97.40	1.77	0.51	0.09	0.23
21091	3113.1	8166.1	1498.0	97.43	1.87	0.46	0.08	0.16
21092	3114.9	8165.8	1498.0	97.58	1.66	0.46	0.09	0.21
21101	3106.0	8295.5	1492.0	96.93	2.13	0.68	0.06	0.20
21102	3108.2	8295.0	1492.0	97.63	1.42	0.50	0.11	0.34
21103	3110.4	8294.6	1492.0	97.35	1.65	0.56	0.11	0.33
21104	3112.7	8294.2	1492.0	97.49	1.47	0.49	0.13	0.42
21105	3114.9	8293.8	1492.0	96.33	2.22	0.60	0.23	0.62
21106	3117.1	8293.4	1492.0	88.76	9.50	0.51	0.28	0.95
21107	3119.4	8292.9	1492.0	91.35	7.20	0.56	0.25	0.64
21108	3120.0	8295.4	1492.0	94.78	3.50	0.85	0.24	0.63
21109	3117.7	8295.7	1492.0	90.29	8.75	0.46	0.14	0.36
21110	3115.5	8296.1	1492.0	96.83	1.79	0.55	0.23	0.61
21111	3113.2	8296.5	1492.0	97.43	1.60	0.47	0.11	0.39
21112	3110.9	8296.9	1492.0	96.80	2.31	0.47	0.12	0.30
21113	3108.7	8297.2	1492.0	97.62	1.45	0.48	0.11	0.34
21114	3106.4	8297.6	1492.0	97.05	2.04	0.62	0.07	0.22
21115	3106.8	8299.7	1492.0	96.06	2.81	0.63	0.14	0.36
21116	3109.1	8299.4	1492.0	97.68	1.61	0.45	0.06	0.20
21117	3111.4	8299.1	1492.0	97.54	1.65	0.47	0.09	0.25
21118	3113.8	8298.8	1492.0	97.83	1.28	0.43	0.14	0.32
21119	3116.1	8298.5	1492.0	94.85	3.66	0.49	0.31	0.69
21120	3118.4	8298.2	1492.0	94.80	3.83	0.50	0.24	0.63
21121	3120.7	8297.8	1492.0	96.10	2.59	0.53	0.22	0.56
21122	3119.0	8300.5	1492.0	97.47	1.53	0.55	0.18	0.27
21123	3116.6	8300.8	1492.0	91.25	7.50	0.55	0.17	0.53
21124	3114.3	8301.1	1492.0	95.06	3.75	0.49	0.16	0.54
21125	3111.9	8301.4	1492.0	96.51	2.69	0.57	0.06	0.17
21126	3109.6	8301.6	1492.0	97.00	2.07	0.61	0.09	0.23
21127	3107.3	8301.9	1492.0	96.27	2.91	0.62	0.05	0.15
21128	3107.7	8304.0	1492.0	96.51	2.47	0.59	0.10	0.33
21129	3110.1	8303.8	1492.0	97.16	2.00	0.60	0.07	0.17
21130	3112.4	8303.6	1492.0	96.31	2.69	0.52	0.13	0.35
21131	3114.8	8303.4	1492.0	96.09	2.80	0.50	0.16	0.45
21132	3117.2	8303.2	1492.0	96.01	2.78	0.50	0.18	0.53
21133	3119.6	8303.0	1492.0	90.46	8.25	0.57	0.15	0.57
21134	3117.8	8305.5	1492.0	93.80	3.90	0.52	0.36	1.42
21135	3115.4	8305.7	1492.0	96.60	2.24	0.54	0.15	0.47

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
21136	3113.0	8305.9	1492.0	95.74	3.13	0.55	0.13	0.45
21137	3110.5	8306.0	1492.0	96.61	2.53	0.55	0.08	0.23
21138	3108.1	8306.2	1492.0	96.75	2.41	0.61	0.05	0.18
21139	3123.8	8292.1	1492.0	96.32	2.17	0.56	0.31	0.64
21140	3124.6	8294.6	1492.0	96.58	2.51	0.53	0.12	0.26
21141	3121.6	8292.5	1492.0	96.64	2.28	0.56	0.16	0.36
21142	3122.3	8295.0	1492.0	96.62	2.23	0.53	0.18	0.44
21143	3122.9	8297.5	1492.0	96.55	2.25	0.60	0.24	0.36
21144	3123.8	8299.9	1492.0	90.68	7.75	0.56	0.26	0.75
21145	3124.4	8302.5	1492.0	96.72	2.21	0.51	0.15	0.41
21146	3122.1	8302.8	1492.0	96.80	2.19	0.59	0.17	0.25
21151	3117.8	8170.1	1498.0	96.99	2.14	0.53	0.06	0.28
21152	3119.8	8169.8	1498.0	96.89	2.36	0.51	0.07	0.17
21153	3121.7	8169.5	1498.0	97.39	1.86	0.55	0.06	0.14
21154	3123.7	8169.2	1498.0	97.05	1.98	0.68	0.08	0.21
21155	3125.8	8168.8	1498.0	97.40	1.73	0.65	0.02	0.20
21156	3123.8	8166.9	1498.0	97.06	1.67	0.70	0.18	0.39
21157	3121.9	8167.1	1498.0	96.94	2.20	0.52	0.07	0.27
21158	3120.0	8167.4	1498.0	96.80	2.40	0.60	0.05	0.15
21159	3118.1	8167.7	1498.0	96.51	2.63	0.54	0.09	0.23
21160	3125.8	8166.4	1498.0	97.04	1.90	0.87	0.06	0.13
21161	3125.7	8164.3	1498.0	97.35	1.78	0.74	0.04	0.09
21162	3123.9	8164.5	1498.0	97.57	1.65	0.62	0.05	0.11
21163	3122.1	8164.8	1498.0	97.02	2.23	0.56	0.06	0.13
21164	3120.3	8165.0	1498.0	97.94	1.48	0.44	0.04	0.10
21165	3118.5	8165.3	1498.0	97.13	1.92	0.63	0.09	0.23
21166	3116.7	8165.6	1498.0	97.24	1.88	0.49	0.11	0.28
21167	3120.8	8162.7	1498.0	97.52	1.85	0.46	0.05	0.12
21168	3122.6	8162.4	1498.0	96.98	2.18	0.64	0.05	0.15
21169	3124.4	8162.1	1498.0	97.65	1.71	0.52	0.03	0.09
21170	3126.2	8161.8	1498.0	95.26	1.80	2.75	0.04	0.15
21171	3125.6	8160.0	1498.0	97.05	1.77	0.92	0.07	0.19
21172	3123.7	8160.3	1498.0	96.09	2.86	0.59	0.15	0.31
21173	3121.8	8160.6	1498.0	96.85	2.13	0.51	0.13	0.38
21174	3119.9	8160.9	1498.0	97.46	1.68	0.48	0.10	0.28
21175	3118.0	8161.2	1498.0	96.80	2.14	0.65	0.10	0.31
21176	3103.0	8223.3	1486.0	97.40	1.40	0.45	0.27	0.48
21177	3105.4	8223.4	1486.0	97.03	1.77	0.43	0.24	0.53
21178	3107.8	8223.5	1486.0	97.19	2.03	0.49	0.09	0.20
21179	3110.3	8223.6	1486.0	97.22	1.61	0.52	0.25	0.40
21180	3112.7	8223.7	1486.0	97.30	1.61	0.57	0.20	0.32
21181	3115.1	8223.9	1486.0	97.53	1.42	0.57	0.17	0.31
21182	3092.3	8264.6	1486.0	89.02	9.50	0.61	0.22	0.65
21183	3094.9	8263.6	1486.0	97.36	1.94	0.57	0.03	0.10
21184	3097.3	8263.6	1486.0	97.68	1.54	0.58	0.05	0.15
21185	3099.8	8263.6	1486.0	96.40	2.84	0.50	0.08	0.18
21186	3099.8	8266.0	1486.0	96.99	1.35	1.29	0.10	0.27
21187	3097.4	8266.0	1486.0	97.73	1.37	0.55	0.09	0.26
21188	3094.9	8266.0	1486.0	97.79	1.48	0.56	0.04	0.13
21189	3092.4	8266.1	1486.0	97.15	1.91	0.54	0.09	0.31
21190	3089.8	8266.1	1486.0	97.61	1.42	0.61	0.08	0.28
21191	3089.8	8268.5	1486.0	95.79	3.48	0.49	0.04	0.20
21192	3092.4	8268.5	1486.0	94.25	4.81	0.56	0.05	0.33
21193	3094.9	8268.5	1486.0	96.85	2.33	0.53	0.07	0.22
21194	3097.4	8268.5	1486.0	97.41	1.80	0.55	0.05	0.19

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
21195	3099.9	8268.4	1486.0	96.92	2.19	0.52	0.09	0.28
21196	3102.2	8263.5	1486.0	97.54	1.53	0.54	0.11	0.28
21197	3102.2	8266.0	1486.0	97.33	1.80	0.52	0.09	0.26
21198	3102.3	8268.4	1486.0	97.06	1.99	0.54	0.13	0.28
21199	3099.9	8270.9	1486.0	96.82	2.50	0.46	0.05	0.17
21200	3097.4	8270.9	1486.0	96.76	2.59	0.48	0.05	0.12
21401	3095.0	8270.9	1486.0	90.83	7.75	0.60	0.23	0.59
21402	3092.4	8270.9	1486.0	94.06	4.83	0.60	0.12	0.39
21403	3089.7	8270.9	1486.0	95.40	3.69	0.49	0.08	0.34
21404	3087.1	8271.0	1486.0	92.34	5.75	0.66	0.36	0.89
21405	3087.3	8273.4	1486.0	95.78	3.01	0.64	0.17	0.40
21406	3089.9	8273.4	1486.0	96.31	2.60	0.59	0.09	0.41
21407	3092.4	8273.4	1486.0	93.58	5.50	0.58	0.07	0.27
21408	3095.0	8273.3	1486.0	97.29	1.95	0.51	0.05	0.20
21409	3087.5	8275.9	1486.0	97.15	2.08	0.55	0.06	0.16
21410	3090.0	8275.8	1486.0	94.07	5.10	0.48	0.06	0.29
21411	3092.5	8275.8	1486.0	90.95	8.00	0.48	0.08	0.49
21412	3095.0	8275.8	1486.0	97.07	2.07	0.59	0.06	0.21
21413	3097.5	8275.7	1486.0	91.30	8.00	0.55	0.03	0.12
21414	3100.0	8275.7	1486.0	97.37	1.81	0.48	0.09	0.25
21415	3102.5	8275.7	1486.0	97.74	1.42	0.45	0.12	0.27
21416	3102.4	8273.3	1486.0	97.30	1.81	0.48	0.10	0.31
21417	3099.9	8273.3	1486.0	97.91	1.41	0.49	0.05	0.14
21418	3097.5	8273.3	1486.0	97.67	1.66	0.48	0.05	0.14
21419	3102.4	8270.8	1486.0	96.91	2.22	0.55	0.09	0.23
21420	3104.6	8263.5	1486.0	96.32	1.95	0.48	0.34	0.91
21421	3104.7	8266.0	1486.0	96.42	2.25	0.51	0.23	0.59
21422	3104.7	8268.4	1486.0	94.49	4.75	0.48	0.07	0.21
21423	3104.8	8270.8	1486.0	97.01	1.65	0.46	0.25	0.63
21424	3104.9	8273.2	1486.0	97.38	1.52	0.46	0.16	0.48
21425	3104.9	8275.7	1486.0	97.62	1.39	0.53	0.12	0.34
21426	3107.4	8275.7	1486.0	95.16	2.74	0.48	0.34	1.28
21427	3107.3	8273.2	1486.0	97.08	1.93	0.44	0.19	0.36
21428	3107.2	8270.8	1486.0	96.99	1.97	0.49	0.16	0.39
21429	3107.2	8268.4	1486.0	94.85	2.50	0.42	0.63	1.60
21430	3107.1	8265.9	1486.0	97.50	1.32	0.41	0.27	0.50
21431	3107.0	8263.5	1486.0	97.02	1.74	0.42	0.29	0.53
21432	3109.5	8263.5	1486.0	96.65	1.81	0.48	0.34	0.72
21433	3109.5	8265.9	1486.0	93.65	4.50	0.47	0.45	0.93
21434	3109.6	8268.3	1486.0	94.23	4.00	0.48	0.43	0.86
21435	3109.7	8270.8	1486.0	95.64	2.50	0.48	0.46	0.92
21436	3109.8	8273.2	1486.0	96.57	1.65	0.41	0.42	0.95
21437	3109.9	8275.6	1486.0	96.79	1.69	0.46	0.32	0.74
21438	3087.7	8278.3	1486.0	96.31	2.56	0.58	0.13	0.42
21439	3090.2	8278.3	1486.0	86.02	12.75	0.57	0.11	0.55
21440	3092.7	8278.2	1486.0	90.80	8.00	0.51	0.10	0.59
21441	3095.1	8278.2	1486.0	96.76	2.40	0.48	0.06	0.30
21442	3097.6	8278.2	1486.0	97.30	1.76	0.62	0.08	0.24
21443	3100.1	8278.2	1486.0	89.76	8.50	0.50	0.22	1.02
21444	3102.5	8278.2	1486.0	95.88	2.32	0.48	0.33	0.99
21445	3105.0	8278.1	1486.0	95.73	2.32	0.50	0.34	1.11
21446	3107.5	8278.1	1486.0	95.88	2.31	0.50	0.33	0.98
21447	3112.4	8278.0	1486.0	96.49	1.77	0.48	0.38	0.88
21448	3112.3	8275.6	1486.0	96.27	2.41	0.54	0.28	0.50
21449	3112.2	8273.2	1486.0	96.63	1.90	0.59	0.31	0.57

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
21450	3112.1	8270.7	1486.0	96.47	2.22	0.55	0.25	0.51
21451	3112.1	8268.3	1486.0	95.43	3.50	0.52	0.21	0.34
21452	3112.0	8265.9	1486.0	93.95	4.75	0.52	0.29	0.49
21453	3111.9	8263.5	1486.0	97.00	1.85	0.55	0.21	0.39
21454	3114.8	8221.9	1486.0	97.35	1.54	0.52	0.23	0.36
21455	3112.4	8221.6	1486.0	97.54	1.54	0.58	0.16	0.18
21456	3110.0	8221.3	1486.0	97.24	1.80	0.55	0.18	0.23
21457	3107.6	8221.0	1486.0	97.30	1.43	0.55	0.29	0.43
21458	3107.8	8218.6	1486.0	97.18	1.35	0.59	0.52	0.36
21459	3110.2	8218.8	1486.0	97.27	1.50	0.66	0.22	0.35
21460	3112.6	8219.1	1486.0	94.39	1.65	0.53	2.88	0.55
21461	3115.0	8219.4	1486.0	97.67	1.53	0.54	0.15	0.11
21462	3115.2	8216.9	1486.0	97.12	1.80	0.73	0.16	0.19
21463	3112.8	8216.6	1486.0	95.88	1.71	0.55	1.21	0.65
21464	3110.4	8216.4	1486.0	93.42	1.64	0.57	3.69	0.68
21465	3108.0	8216.1	1486.0	95.68	1.65	0.60	1.41	0.66
21466	3105.6	8215.8	1486.0	96.94	1.45	0.51	0.54	0.56
21467	3105.4	8218.3	1486.0	96.73	1.46	0.54	0.60	0.67
21468	3105.2	8220.7	1486.0	96.43	1.91	0.51	0.31	0.84
21469	3102.8	8220.5	1486.0	96.65	1.67	0.55	0.46	0.67
21470	3103.0	8218.0	1486.0	95.87	2.13	0.50	0.51	0.99
21471	3103.2	8215.6	1486.0	95.69	2.08	0.53	0.43	1.27
21472	3103.4	8213.1	1486.0	95.89	2.57	0.47	0.47	0.60
21473	3103.6	8210.7	1486.0	96.25	2.04	0.51	0.48	0.72
21474	3103.8	8208.2	1486.0	96.76	1.78	0.45	0.41	0.60
21475	3106.2	8208.5	1486.0	97.34	1.57	0.48	0.23	0.38
21476	3108.6	8208.7	1486.0	97.28	1.55	0.54	0.43	0.20
21477	3111.0	8209.0	1486.0	97.87	1.44	0.42	0.10	0.17
21478	3113.4	8209.2	1486.0	97.17	1.84	0.45	0.19	0.35
21479	3115.9	8209.5	1486.0	96.79	2.05	0.48	0.26	0.42
21480	3115.6	8212.0	1486.0	97.20	2.05	0.53	0.07	0.15
21481	3113.2	8211.7	1486.0	97.02	1.87	0.49	0.23	0.39
21482	3110.8	8211.4	1486.0	97.28	1.57	0.53	0.24	0.38
21483	3108.4	8211.2	1486.0	97.50	1.64	0.49	0.15	0.22
21484	3106.0	8210.9	1486.0	97.12	1.65	0.50	0.30	0.43
21485	3108.2	8213.7	1486.0	96.79	1.83	0.58	0.32	0.48
21486	3110.6	8213.9	1486.0	97.35	1.65	0.50	0.21	0.29
21487	3113.0	8214.2	1486.0	96.42	2.21	0.54	0.36	0.47
21488	3115.4	8214.4	1486.0	96.37	2.35	0.50	0.28	0.50
21489	3093.1	8219.3	1486.0	93.70	5.00	0.50	0.35	0.45
21490	3093.3	8216.9	1486.0	93.70	5.00	0.50	0.35	0.45
21491	3093.5	8214.5	1486.0	93.70	5.00	0.50	0.35	0.45
21492	3093.7	8212.1	1486.0	93.65	5.00	0.55	0.35	0.45
21493	3093.9	8209.7	1486.0	93.70	5.00	0.55	0.30	0.45
21494	3094.1	8207.3	1486.0	93.75	5.00	0.55	0.30	0.40
21495	3094.3	8204.9	1486.0	93.70	5.00	0.60	0.30	0.40
21496	3096.7	8205.1	1486.0	94.75	4.00	0.60	0.30	0.35
21497	3096.5	8207.5	1486.0	94.60	4.00	0.60	0.40	0.40
21498	3096.3	8209.9	1486.0	94.30	4.50	0.50	0.30	0.40
21499	3096.1	8212.3	1486.0	97.58	1.69	0.53	0.18	0.02
21500	3095.9	8214.8	1486.0	97.30	1.48	0.49	0.27	0.46
21501	3095.7	8217.2	1486.0	97.13	1.46	0.53	0.26	0.62
21502	3095.6	8219.6	1486.0	94.13	2.92	1.46	0.43	1.06
21503	3098.0	8219.9	1486.0	93.46	2.44	2.81	0.36	0.93
21504	3098.1	8217.5	1486.0	92.82	2.50	1.80	1.16	1.72

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
21505	3098.4	8215.0	1486.0	90.71	6.90	1.71	0.22	0.46
21506	3098.6	8212.6	1486.0	97.14	1.66	0.54	0.20	0.46
21507	3098.7	8210.2	1486.0	94.81	4.17	0.54	0.28	0.20
21508	3098.9	8207.8	1486.0	90.15	8.30	0.76	0.27	0.52
21509	3099.1	8205.3	1486.0	96.29	2.34	0.51	0.26	0.60
21510	3100.4	8220.2	1486.0	93.93	4.68	0.47	0.22	0.70
21511	3100.6	8217.7	1486.0	94.47	4.03	0.49	0.33	0.68
21512	3100.8	8215.3	1486.0	96.04	2.44	0.45	0.34	0.73
21513	3101.0	8212.9	1486.0	94.93	2.80	0.44	0.55	1.28
21514	3101.2	8210.4	1486.0	94.38	3.83	0.45	0.40	0.94
21515	3101.4	8208.0	1486.0	94.91	3.56	0.57	0.34	0.62
21516	3101.6	8205.6	1486.0	96.22	2.05	0.49	0.51	0.73
21517	3104.0	8205.8	1486.0	96.83	1.67	0.57	0.33	0.60
21518	3106.4	8206.1	1486.0	97.22	1.75	0.49	0.19	0.35
21519	3108.8	8206.3	1486.0	96.75	2.15	0.50	0.23	0.37
21520	3111.2	8206.5	1486.0	96.75	1.76	0.47	0.36	0.66
21521	3113.6	8206.8	1486.0	97.23	1.56	0.56	0.26	0.39
21522	3116.1	8207.0	1486.0	97.21	1.64	0.46	0.24	0.45
21576	3115.2	8308.2	1492.0	96.29	2.46	0.55	0.18	0.52
21577	3114.8	8310.6	1492.0	95.82	2.98	0.53	0.16	0.51
21578	3114.4	8313.0	1492.0	85.30	13.60	0.53	0.09	0.48
21579	3114.1	8315.4	1492.0	89.12	9.70	0.55	0.14	0.49
21580	3111.9	8315.3	1492.0	94.81	4.25	0.56	0.09	0.29
21581	3112.3	8313.0	1492.0	96.58	2.49	0.53	0.09	0.31
21582	3112.8	8310.6	1492.0	96.59	2.50	0.50	0.10	0.31
21583	3113.2	8308.2	1492.0	95.28	3.39	0.51	0.21	0.61
21584	3111.3	8308.3	1492.0	96.53	2.68	0.51	0.06	0.22
21585	3110.7	8310.6	1492.0	96.34	2.68	0.54	0.11	0.33
21586	3110.2	8312.9	1492.0	96.67	2.31	0.55	0.10	0.37
21587	3108.1	8312.9	1492.0	96.44	2.07	0.62	0.12	0.75
21588	3108.7	8310.6	1492.0	96.89	2.18	0.54	0.08	0.31
21589	3109.3	8308.3	1492.0	97.41	1.74	0.51	0.09	0.25
21590	3107.5	8315.2	1492.0	96.56	2.47	0.53	0.09	0.35
21591	3109.7	8315.3	1492.0	96.82	2.19	0.57	0.13	0.29
21592	3109.2	8317.6	1492.0	96.10	2.62	0.61	0.16	0.51
21593	3111.4	8317.7	1492.0	94.98	4.02	0.58	0.13	0.29
21594	3113.7	8317.7	1492.0	82.59	16.10	0.55	0.16	0.60
21595	3113.3	8320.1	1492.0	94.69	4.14	0.56	0.13	0.48
21596	3112.9	8322.5	1492.0	95.16	3.85	0.53	0.13	0.33
21597	3112.5	8324.9	1492.0	92.02	6.95	0.50	0.14	0.39
21598	3112.1	8327.3	1492.0	94.01	4.44	0.49	0.30	0.76
21599	3109.6	8327.1	1492.0	91.86	6.90	0.49	0.17	0.58
21600	3110.1	8324.8	1492.0	96.47	2.52	0.49	0.15	0.37
21601	3110.5	8322.4	1492.0	96.51	2.50	0.57	0.14	0.28
21602	3111.0	8320.0	1492.0	95.54	3.45	0.55	0.13	0.33
21603	3106.4	8319.8	1492.0	95.79	3.18	0.53	0.12	0.38
21604	3105.8	8322.2	1492.0	96.78	2.15	0.62	0.10	0.35
21605	3109.1	8329.4	1492.0	80.76	18.00	0.52	0.15	0.57
21606	3111.6	8329.7	1492.0	94.04	4.89	0.51	0.12	0.44
21607	3111.2	8332.0	1492.0	86.97	12.00	0.53	0.11	0.39
21608	3104.0	8328.8	1492.0	95.49	3.63	0.61	0.07	0.20
21609	3106.6	8329.1	1492.0	92.47	6.20	0.57	0.18	0.58
21610	3103.4	8330.8	1492.0	93.15	5.50	0.56	0.20	0.59
21611	3106.0	8331.2	1492.0	90.75	8.10	0.61	0.12	0.42
21612	3108.6	8331.6	1492.0	90.27	8.20	0.55	0.18	0.80

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
21613	3104.9	8333.4	1492.0	92.81	6.00	0.55	0.12	0.52
21614	3107.5	8333.8	1492.0	93.69	5.20	0.55	0.10	0.46
21615	3110.2	8334.2	1492.0	88.21	10.60	0.52	0.14	0.53
21616	3109.1	8336.5	1492.0	80.78	17.90	0.52	0.15	0.65
21617	3108.1	8338.8	1492.0	86.73	12.00	0.51	0.14	0.62
21618	3107.0	8341.0	1492.0	81.26	17.00	0.59	0.30	0.85
21619	3106.0	8343.3	1492.0	82.66	15.90	0.54	0.20	0.70
21620	3104.9	8345.6	1492.0	92.52	6.00	0.56	0.19	0.73
21621	3104.4	8340.6	1492.0	92.81	5.70	0.57	0.19	0.73
21622	3105.4	8338.4	1492.0	92.44	6.10	0.56	0.19	0.71
21623	3106.5	8336.1	1492.0	92.28	6.60	0.51	0.09	0.52
21624	3102.5	8332.8	1492.0	91.16	7.70	0.53	0.12	0.49
21625	3101.4	8335.2	1492.0	91.44	7.00	0.53	0.16	0.87
21626	3100.3	8337.5	1492.0	91.50	6.90	0.51	0.23	0.86
21627	3102.8	8338.0	1492.0	91.44	7.10	0.54	0.15	0.77
21628	3101.8	8340.2	1492.0	91.63	7.00	0.53	0.17	0.67
21629	3099.2	8339.8	1492.0	91.34	7.10	0.55	0.32	0.69
21630	3098.1	8342.1	1492.0	91.05	6.90	0.56	0.43	1.06
21631	3100.7	8342.5	1492.0	90.80	7.10	0.64	0.46	1.00
21632	3103.3	8342.9	1492.0	91.79	6.40	0.64	0.27	0.90
21709	3134.3	8261.8	1486.0	96.53	2.09	0.57	0.27	0.54
21710	3134.4	8260.6	1486.0	96.60	2.17	0.63	0.19	0.41
21711	3134.6	8258.2	1486.0	96.84	2.07	0.66	0.10	0.33
21712	3134.7	8255.7	1486.0	96.57	1.98	0.61	0.27	0.57
21713	3134.9	8253.3	1486.0	96.85	1.74	0.63	0.28	0.50
21714	3135.0	8250.9	1486.0	96.96	1.61	0.73	0.27	0.43
21715	3134.9	8248.5	1486.0	96.70	1.59	0.72	0.38	0.61
21716	3132.8	8248.2	1486.0	97.14	1.63	0.73	0.19	0.31
21717	3132.6	8250.6	1486.0	97.16	1.66	0.66	0.19	0.33
21718	3132.4	8253.0	1486.0	96.64	1.93	0.60	0.32	0.51
21719	3132.3	8255.4	1486.0	97.14	1.72	0.56	0.20	0.38
21720	3132.1	8257.8	1486.0	97.14	1.78	0.57	0.18	0.33
21721	3132.0	8260.2	1486.0	96.62	2.09	0.59	0.17	0.53
21722	3131.9	8261.8	1486.0	96.80	1.99	0.58	0.22	0.41
21723	3129.5	8261.9	1486.0	93.30	5.10	0.62	0.25	0.73
21724	3129.7	8257.5	1486.0	96.35	2.32	0.60	0.26	0.47
21725	3129.9	8255.1	1486.0	94.48	4.26	0.60	0.24	0.42
21726	3130.0	8252.7	1486.0	97.13	1.73	0.61	0.20	0.33
21727	3130.2	8250.3	1486.0	97.24	1.69	0.64	0.16	0.27
21728	3127.8	8250.0	1486.0	96.99	1.74	0.66	0.23	0.38
21729	3127.6	8252.4	1486.0	97.10	1.76	0.69	0.17	0.28
21730	3127.4	8254.8	1486.0	96.65	2.14	0.62	0.22	0.37
21731	3127.3	8257.2	1486.0	95.55	3.21	0.68	0.19	0.37
21732	3127.1	8259.6	1486.0	94.37	4.25	0.65	0.24	0.49
21733	3127.1	8261.9	1486.0	92.20	6.50	0.60	0.22	0.48
21734	3124.4	8262.4	1486.0	95.50	3.04	0.60	0.28	0.58
21735	3124.6	8261.0	1486.0	96.62	2.16	0.56	0.23	0.43
21736	3124.6	8259.2	1486.0	96.40	2.44	0.58	0.19	0.39
21737	3124.8	8256.8	1486.0	87.63	11.00	0.70	0.14	0.53
21738	3125.0	8254.5	1486.0	93.93	4.80	0.67	0.16	0.44
21739	3125.2	8252.1	1486.0	94.65	4.26	0.58	0.15	0.36
21740	3125.4	8249.7	1486.0	96.51	2.39	0.60	0.19	0.31
21741	3123.1	8249.4	1486.0	92.61	6.00	0.61	0.25	0.53
21742	3130.4	8247.9	1486.0	97.22	1.74	0.62	0.15	0.27
21743	3128.0	8247.6	1486.0	97.12	1.74	0.62	0.21	0.31

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
21744	3125.6	8247.4	1486.0	96.89	1.82	0.83	0.18	0.28
21745	3123.3	8247.1	1486.0	81.80	16.40	0.80	0.30	0.70
21746	3120.9	8246.8	1486.0	96.27	2.73	0.67	0.11	0.22
21747	3118.5	8246.5	1486.0	96.55	2.05	0.68	0.26	0.46
21748	3116.1	8246.2	1486.0	95.89	1.72	1.09	0.49	0.81
21749	3116.4	8243.9	1486.0	96.36	1.72	0.76	0.46	0.70
21750	3118.7	8244.2	1486.0	94.13	3.85	0.88	0.43	0.71
21751	3121.1	8244.5	1486.0	95.65	3.19	0.61	0.17	0.38
21752	3123.5	8244.7	1486.0	81.44	17.00	0.71	0.20	0.65
21753	3125.8	8245.0	1486.0	96.10	2.43	0.80	0.22	0.45
21754	3128.2	8245.2	1486.0	96.77	2.17	0.70	0.12	0.24
21755	3130.6	8245.5	1486.0	97.11	1.86	0.58	0.18	0.27
21756	3132.8	8245.7	1486.0	97.18	1.65	0.61	0.22	0.34
21756	3132.9	8245.8	1486.0	97.18	1.65	0.61	0.22	0.34
21757	3135.2	8246.1	1486.0	96.53	1.72	0.78	0.38	0.59
21758	3135.4	8243.6	1486.0	97.12	1.65	0.71	0.20	0.32
21759	3133.1	8243.4	1486.0	96.66	1.78	0.63	0.37	0.56
21760	3130.7	8243.1	1486.0	96.97	1.75	0.60	0.27	0.41
21761	3128.4	8242.9	1486.0	97.20	1.82	0.58	0.16	0.24
21762	3126.0	8242.6	1486.0	97.16	1.69	0.67	0.18	0.30
21763	3123.7	8242.4	1486.0	94.24	4.71	0.60	0.12	0.33
21764	3121.3	8242.1	1486.0	96.35	2.55	0.70	0.14	0.26
21765	3119.0	8241.9	1486.0	96.01	2.45	0.85	0.27	0.42
21766	3116.6	8241.6	1486.0	95.64	1.86	0.83	0.61	1.06
21767	3116.9	8239.3	1486.0	96.68	1.65	0.69	0.40	0.58
21768	3119.2	8239.5	1486.0	96.81	2.07	0.77	0.13	0.22
21769	3121.6	8239.8	1486.0	96.23	2.75	0.68	0.10	0.24
21770	3123.9	8240.0	1486.0	95.87	2.95	0.66	0.13	0.39
21771	3126.3	8240.2	1486.0	97.24	1.71	0.60	0.15	0.30
21772	3128.6	8240.5	1486.0	97.06	1.80	0.61	0.19	0.34
21773	3130.6	8240.0	1486.0	96.48	2.13	0.68	0.29	0.42
21774	3133.3	8241.0	1486.0	96.76	1.77	0.59	0.36	0.52
21775	3135.6	8241.2	1486.0	97.16	1.65	0.63	0.21	0.35
21776	3122.8	8251.8	1486.0	94.69	3.82	0.65	0.26	0.58
21777	3122.6	8254.1	1486.0	96.02	2.80	0.63	0.18	0.37
21778	3122.4	8256.5	1486.0	96.79	2.21	0.63	0.14	0.23
21779	3122.2	8258.9	1486.0	96.71	2.17	0.60	0.21	0.31
21780	3122.2	8260.7	1486.0	97.65	1.59	0.52	0.07	0.17
21781	3122.2	8262.6	1486.0	97.23	1.94	0.53	0.11	0.19
21782	3120.1	8262.8	1486.0	96.45	1.81	0.69	0.38	0.67
21783	3119.9	8260.6	1486.0	97.10	1.72	0.53	0.25	0.40
21784	3119.7	8258.5	1486.0	96.86	1.82	0.64	0.27	0.41
21785	3120.0	8256.2	1486.0	96.21	2.30	0.72	0.32	0.45
21786	3120.2	8253.8	1486.0	96.94	2.02	0.59	0.16	0.29
21787	3120.4	8251.5	1486.0	96.96	1.95	0.58	0.20	0.31
21788	3120.7	8249.1	1486.0	96.95	1.99	0.59	0.18	0.29
21789	3118.3	8248.8	1486.0	95.90	1.92	0.70	0.64	0.84
21790	3118.0	8251.2	1486.0	96.24	1.73	0.67	0.60	0.76
21791	3117.8	8253.5	1486.0	95.89	1.79	0.60	0.79	0.93
21792	3117.6	8255.8	1486.0	96.45	1.63	0.62	0.58	0.72
21793	3117.3	8258.2	1486.0	95.80	1.86	0.69	0.66	0.99
21794	3117.6	8260.6	1486.0	96.30	1.62	0.67	0.56	0.85
21795	3117.9	8263.0	1486.0	95.98	1.81	0.68	0.54	0.99
21796	3115.7	8263.2	1486.0	96.07	1.98	0.54	0.52	0.89
21797	3115.3	8260.5	1486.0	96.17	1.75	0.58	0.58	0.92

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
21798	3114.9	8257.8	1486.0	96.12	1.66	0.62	0.61	0.99
21799	3115.1	8255.5	1486.0	95.98	1.60	0.69	0.72	1.01
21800	3115.4	8253.2	1486.0	95.97	1.87	0.58	0.63	0.95
21801	3112.8	8249.4	1486.0	97.13	1.94	0.55	0.16	0.22
21802	3112.5	8251.9	1486.0	96.65	1.75	0.70	0.11	0.79
21803	3112.2	8254.3	1486.0	94.67	2.24	0.95	0.82	1.32
21804	3111.9	8256.7	1486.0	95.74	1.82	0.70	0.66	1.08
21805	3111.7	8259.1	1486.0	96.09	1.89	0.60	0.52	0.90
21806	3111.4	8261.6	1486.0	96.85	1.63	0.60	0.33	0.59
21807	3108.9	8261.4	1486.0	96.96	1.70	0.55	0.31	0.48
21808	3109.2	8259.0	1486.0	96.26	2.39	0.47	0.30	0.58
21809	3109.4	8256.6	1486.0	97.17	1.98	0.52	0.13	0.20
21810	3109.7	8254.2	1486.0	95.49	2.92	0.54	0.41	0.64
21811	3110.0	8251.7	1486.0	96.55	2.36	0.55	0.21	0.33
21812	3110.3	8249.3	1486.0	96.82	1.96	0.64	0.20	0.38
21813	3107.8	8249.2	1486.0	96.39	1.90	0.74	0.31	0.66
21814	3107.5	8251.6	1486.0	97.04	1.89	0.48	0.19	0.40
21815	3107.2	8254.0	1486.0	95.76	2.52	0.53	0.27	0.92
21816	3106.9	8256.5	1486.0	95.99	2.46	0.48	0.29	0.78
21817	3106.7	8258.9	1486.0	97.32	1.76	0.57	0.11	0.24
21818	3106.4	8261.3	1486.0	97.56	1.62	0.45	0.13	0.24
21819	3103.9	8261.2	1486.0	96.68	1.69	0.46	0.25	0.92
21820	3104.2	8258.8	1486.0	96.97	1.33	0.48	0.39	0.83
21821	3104.5	8256.4	1486.0	97.21	1.46	0.53	0.20	0.60
21822	3104.7	8253.9	1486.0	96.21	1.99	0.54	0.32	0.94
21823	3105.0	8251.5	1486.0	95.02	2.55	0.51	0.47	1.45
21824	3105.3	8249.1	1486.0	97.44	1.57	0.52	0.13	0.34
21825	3102.8	8249.0	1486.0	96.59	1.55	0.45	0.38	1.03
21826	3102.5	8251.4	1486.0	93.83	2.86	0.44	0.78	2.09
21827	3102.3	8253.8	1486.0	95.48	2.63	0.47	0.38	1.04
21828	3102.0	8256.2	1486.0	97.60	1.43	0.56	0.12	0.29
21829	3101.7	8258.7	1486.0	97.62	1.53	0.48	0.10	0.27
21830	3101.4	8261.1	1486.0	97.40	1.73	0.51	0.10	0.26
21831	3098.9	8261.0	1486.0	98.16	1.21	0.45	0.05	0.13
21832	3099.2	8258.5	1486.0	97.60	1.44	0.58	0.09	0.29
21833	3099.5	8256.1	1486.0	97.65	1.44	0.48	0.10	0.33
21834	3099.8	8253.7	1486.0	97.53	1.65	0.58	0.06	0.18
21835	3100.1	8251.3	1486.0	97.69	1.49	0.51	0.08	0.23
21836	3100.3	8248.8	1486.0	96.52	2.01	0.52	0.26	0.69
21837	3100.6	8246.4	1486.0	97.36	1.88	0.47	0.07	0.22
21838	3103.1	8246.5	1486.0	96.58	2.13	0.46	0.26	0.57
21839	3105.6	8246.7	1486.0	95.34	2.59	0.59	0.49	0.99
21840	3108.1	8246.8	1486.0	95.48	1.99	0.68	0.52	1.33
21841	3110.5	8246.9	1486.0	96.11	2.18	0.61	0.49	0.61
21842	3113.0	8247.0	1486.0	95.38	1.74	0.65	0.83	1.40
21843	3113.3	8244.6	1486.0	95.75	1.76	0.56	0.62	1.31
21844	3110.8	8244.5	1486.0	96.42	1.78	0.75	0.61	0.44
21845	3108.3	8244.4	1486.0	96.14	1.90	0.71	0.53	0.72
21846	3105.9	8244.2	1486.0	96.81	1.77	0.55	0.36	0.51
21847	3103.4	8244.1	1486.0	96.86	1.92	0.45	0.25	0.52
21848	3100.9	8244.0	1486.0	95.62	2.19	0.48	0.50	1.21
21849	3098.4	8243.9	1486.0	97.54	1.63	0.54	0.11	0.18
21850	3098.1	8246.3	1486.0	97.62	1.59	0.60	0.06	0.13
21851	3097.9	8248.7	1486.0	98.00	1.30	0.50	0.06	0.14
21852	3097.6	8251.2	1486.0	97.92	1.31	0.52	0.08	0.17

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
21853	3097.3	8253.6	1486.0	97.55	1.72	0.47	0.08	0.18
21854	3097.0	8256.0	1486.0	98.30	0.92	0.53	0.08	0.17
21855	3096.7	8258.4	1486.0	91.43	6.60	0.45	0.41	1.11
21856	3096.4	8260.9	1486.0	95.76	2.35	0.46	0.34	1.09
21857	3093.9	8260.7	1486.0	97.49	1.49	0.45	0.14	0.43
21858	3094.2	8258.3	1486.0	97.63	1.43	0.50	0.13	0.31
21859	3094.5	8255.9	1486.0	96.94	1.84	0.52	0.17	0.53
21860	3094.8	8253.5	1486.0	96.20	2.47	0.55	0.22	0.56
21861	3095.1	8251.0	1486.0	89.20	9.80	0.56	0.11	0.33
21862	3095.4	8248.6	1486.0	95.40	3.74	0.57	0.07	0.22
21863	3095.6	8246.2	1486.0	97.38	1.68	0.52	0.13	0.29
21864	3095.9	8243.8	1486.0	97.26	1.81	0.46	0.14	0.33
21865	3093.5	8243.7	1486.0	98.25	1.11	0.46	0.05	0.13
21866	3093.2	8246.1	1486.0	97.15	1.94	0.45	0.10	0.36
21867	3092.9	8248.5	1486.0	97.17	1.69	0.40	0.18	0.56
21868	3092.6	8250.9	1486.0	97.35	1.35	0.44	0.25	0.61
21869	3092.3	8253.4	1486.0	94.56	3.28	0.48	0.42	1.26
21870	3092.0	8255.8	1486.0	94.85	3.08	0.58	0.42	1.07
21871	3091.7	8258.2	1486.0	96.85	2.10	0.50	0.15	0.40
21872	3091.5	8260.6	1486.0	96.95	2.00	0.50	0.15	0.40
21873	3089.9	8260.7	1486.0	95.50	2.70	0.50	0.40	0.90
21874	3090.3	8258.1	1486.0	94.80	3.30	0.60	0.50	0.80
21875	3090.6	8255.5	1486.0	94.55	3.60	0.50	0.45	0.90
21876	3113.4	8182.5	1498.0	97.58	1.68	0.55	0.06	0.13
21877	3115.7	8182.0	1498.0	97.40	1.63	0.56	0.15	0.26
21878	3117.8	8181.1	1498.0	96.94	1.97	0.54	0.20	0.35
21879	3119.7	8180.5	1498.0	96.12	2.30	0.84	0.27	0.47
21880	3121.7	8179.8	1498.0	93.34	2.16	3.21	0.47	0.82
21881	3119.5	8178.0	1498.0	96.54	2.66	0.52	0.09	0.19
21882	3117.4	8178.7	1498.0	97.33	1.85	0.50	0.07	0.25
21883	3115.3	8179.6	1498.0	98.06	1.38	0.47	0.02	0.07
21884	3114.2	8180.1	1498.0	97.82	1.45	0.52	0.07	0.14
21885	3113.3	8181.7	1498.0	97.99	1.45	0.45	0.03	0.08
21886	3116.8	8177.8	1498.0	97.17	2.25	0.46	0.04	0.08
21887	3117.2	8175.3	1498.0	97.10	2.27	0.47	0.05	0.11
21888	3119.4	8174.9	1498.0	96.24	1.80	0.76	0.48	0.72
21889	3125.7	8178.6	1498.0	96.24	1.80	0.76	0.48	0.72
21890	3127.6	8178.0	1498.0	96.48	1.84	0.83	0.33	0.52
21891	3125.7	8176.1	1498.0	96.75	1.78	0.79	0.27	0.41
21892	3123.6	8176.8	1498.0	96.65	1.67	0.78	0.36	0.54
21893	3124.2	8174.0	1498.0	97.08	2.03	0.68	0.09	0.12
21894	3121.0	8174.7	1498.0	97.10	2.28	0.46	0.07	0.09
21895	3125.7	8173.7	1498.0	96.60	2.19	0.94	0.07	0.20
21896	3125.8	8171.2	1498.0	95.91	2.38	0.98	0.21	0.52
21897	3123.7	8171.6	1498.0	97.24	1.77	0.68	0.08	0.23
21898	3121.6	8171.9	1498.0	96.92	1.99	0.59	0.13	0.37
21899	3119.5	8172.2	1498.0	95.59	2.95	0.59	0.23	0.64
21900	3117.4	8172.5	1498.0	96.88	2.27	0.55	0.07	0.23

APPENDIX J

ASSAY SHEETS

June 1, 1991 - September 26, 1991

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SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
17501	2910.9	8021.2	1378.0	97.71	1.54	0.48	0.08	0.19
17502	2911.1	8022.5	1378.0	93.58	3.57	0.67	0.63	1.55
17503	2911.2	8024.2	1378.0	97.80	1.24	0.51	0.14	0.31
17504	2911.1	8025.3	1378.0	97.70	1.76	0.36	0.08	0.10
17505	2910.9	8027.2	1378.0	97.99	1.17	0.37	0.17	0.30
17506	2911.0	8028.5	1378.0	94.99	3.67	0.78	0.15	0.41
17507	2911.1	8030.2	1378.0	98.34	0.85	0.53	0.09	0.19
17508	2911.2	8031.5	1378.0	96.96	1.45	0.70	0.27	0.62
17509	2910.9	8033.1	1378.0	97.78	1.26	0.40	0.20	0.36
17510	2911.1	8034.3	1378.0	97.72	1.18	0.38	0.29	0.43
17511	2902.0	8016.5	1378.0	98.06	0.95	0.57	0.14	0.28
17512	2902.2	8018.1	1378.0	95.91	2.18	0.55	0.33	1.03
17513	2902.1	8019.3	1378.0	92.08	6.40	0.50	0.28	0.74
17515	2901.9	8021.0	1378.0	96.70	1.95	0.47	0.26	0.62
17516	2902.0	8022.5	1378.0	98.21	1.10	0.47	0.07	0.15
17517	2902.1	8024.1	1378.0	96.72	2.08	0.57	0.18	0.45
17518	2901.9	8025.5	1378.0	93.83	3.84	0.62	0.41	1.30
17519	2902.2	8027.0	1378.0	95.75	2.79	0.38	0.32	0.76
17520	2902.1	8028.4	1378.0	96.95	2.08	0.42	0.19	0.36
17521	2902.0	8030.2	1378.0	97.48	1.42	0.42	0.21	0.47
17522	2901.9	8031.3	1378.0	96.64	1.77	0.50	0.31	0.78
17523	2902.1	8033.2	1378.0	98.13	1.23	0.38	0.11	0.15
17527	2902.0	8034.5	1378.0	96.94	1.76	0.48	0.20	0.62
17528	2902.2	8036.1	1378.0	98.26	1.08	0.60	0.02	0.04
17529	2902.1	8037.5	1378.0	98.02	1.27	0.49	0.06	0.16
17530	2901.8	8039.0	1378.0	98.12	1.34	0.45	0.03	0.06
17531	2902.0	8040.3	1378.0	98.06	1.19	0.43	0.10	0.22
17532	2902.1	8042.0	1378.0	97.61	1.69	0.46	0.07	0.17
17533	2902.2	8043.5	1378.0	98.11	1.23	0.41	0.06	0.19
17534	2901.8	8045.1	1378.0	97.87	1.40	0.42	0.08	0.23
17535	2902.1	8046.4	1378.0	98.17	1.13	0.49	0.06	0.15
17536	2902.0	8048.0	1378.0	98.05	1.15	0.39	0.09	0.32
17537	2902.1	8049.5	1378.0	98.45	1.00	0.41	0.04	0.10
17538	2914.9	8007.5	1378.0	97.72	1.22	0.91	0.04	0.11
17539	2915.1	8009.0	1378.0	98.28	1.11	0.42	0.04	0.15
17540	2915.2	8010.3	1378.0	97.93	1.15	0.40	0.12	0.40
17541	2915.1	8012.0	1378.0	97.82	1.57	0.38	0.06	0.17
17542	2915.0	8013.5	1378.0	91.50	6.50	0.55	0.43	1.02
17551	2915.0	8015.1	1378.0	97.73	1.41	0.54	0.10	0.22
17552	2915.1	8016.5	1378.0	97.04	1.37	1.16	0.13	0.30
17553	2915.2	8018.0	1378.0	95.87	3.05	0.69	0.10	0.29
17554	2915.0	8019.4	1378.0	96.61	1.36	1.42	0.19	0.42
17555	2915.1	8021.2	1378.0	97.76	1.13	0.72	0.14	0.25
17556	2904.9	8016.4	1378.0	97.87	1.05	0.83	0.08	0.17
17557	2905.2	8018.2	1378.0	97.48	1.22	0.85	0.18	0.27
17558	2905.1	8019.5	1378.0	94.53	1.41	3.47	0.13	0.46
17559	2904.9	8021.0	1378.0	95.91	1.32	2.25	0.16	0.36
17560	2905.0	8022.5	1378.0	97.00	1.18	1.46	0.10	0.26
17561	2905.1	8024.0	1378.0	97.45	1.66	0.49	0.12	0.28
17562	2904.9	8025.5	1378.0	97.92	1.07	0.83	0.04	0.14
17563	2905.2	8027.2	1378.0	97.57	1.25	0.82	0.12	0.24
17564	2905.1	8028.5	1378.0	97.68	1.28	0.58	0.18	0.28
17576	2905.0	8030.0	1378.0	96.63	2.47	0.59	0.09	0.22
17577	2904.9	8031.4	1378.0	97.08	1.70	0.43	0.21	0.58
17578	2905.1	8033.0	1378.0	95.38	2.99	0.55	0.16	0.92

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
17579	2905.0	8034.3	1378.0	96.27	2.53	0.55	0.33	0.32
17580	2905.2	8036.0	1378.0	97.45	1.72	0.49	0.11	0.23
17581	2905.1	8037.5	1378.0	97.36	1.78	0.52	0.07	0.27
17582	2904.8	8039.0	1378.0	97.62	1.61	0.53	0.09	0.15
17583	2905.0	8040.5	1378.0	97.81	1.36	0.53	0.05	0.25
17584	2905.1	8042.0	1378.0	94.98	4.39	0.46	0.03	0.14
17585	2905.2	8043.3	1378.0	95.95	3.34	0.47	0.06	0.18
17586	2904.8	8045.1	1378.0	97.00	1.90	0.77	0.09	0.24
17587	2905.1	8046.5	1378.0	92.88	6.31	0.51	0.08	0.22
17588	2905.0	8048.0	1378.0	94.08	5.09	0.52	0.08	0.23
17589	2905.1	8049.5	1378.0	92.80	5.92	0.58	0.19	0.51
17590	2917.9	8007.5	1378.0	97.60	1.55	0.47	0.11	0.27
17591	2918.1	8009.0	1378.0	97.10	2.23	0.46	0.06	0.15
17592	2918.2	8010.3	1378.0	95.99	2.98	0.50	0.14	0.39
17593	2918.1	8012.0	1378.0	96.72	2.04	0.54	0.19	0.51
17594	2918.0	8013.5	1378.0	96.81	2.41	0.47	0.08	0.23
17595	2917.9	8015.1	1378.0	96.68	2.70	0.44	0.05	0.13
17596	2918.1	8016.5	1378.0	96.99	2.31	0.48	0.06	0.16
17597	2918.2	8018.0	1378.0	92.30	6.80	0.64	0.08	0.18
17598	2918.0	8019.4	1378.0	96.78	2.44	0.52	0.10	0.16
17599	2918.1	8021.2	1378.0	96.99	2.31	0.55	0.04	0.11
17600	2907.9	8016.5	1378.0	97.57	1.54	0.44	0.13	0.32
17601	2908.2	8018.0	1378.0	97.37	1.80	0.44	0.14	0.25
17602	2908.1	8019.4	1378.0	97.84	1.26	0.39	0.20	0.31
17603	2907.9	8021.2	1378.0	98.12	1.20	0.44	0.08	0.16
17604	2908.0	8022.5	1378.0	97.93	1.38	0.40	0.12	0.17
17605	2908.1	8024.2	1378.0	96.01	3.28	0.46	0.09	0.16
17606	2907.9	8025.3	1378.0	97.60	1.72	0.45	0.08	0.15
17607	2908.2	8027.2	1378.0	97.73	1.62	0.43	0.08	0.14
17608	2908.1	8028.5	1378.0	97.80	1.43	0.43	0.10	0.24
17609	2908.0	8030.2	1378.0	96.54	2.44	0.54	0.17	0.31
17610	2907.9	8031.5	1378.0	95.83	3.41	0.48	0.11	0.17
17611	2908.1	8033.1	1378.0	94.29	4.95	0.49	0.09	0.18
17612	2908.0	8034.3	1378.0	98.08	1.17	0.45	0.14	0.16
17613	2908.2	8036.0	1378.0	97.64	1.52	0.45	0.18	0.21
17614	2908.1	8037.5	1378.0	97.35	1.68	0.49	0.20	0.28
17615	2907.8	8039.2	1378.0	96.43	2.72	0.44	0.15	0.26
17616	2908.0	8040.4	1378.0	97.24	2.08	0.47	0.07	0.14
17617	2908.1	8042.0	1378.0	96.44	2.75	0.46	0.13	0.22
17618	2908.2	8043.5	1378.0	96.77	2.47	0.45	0.11	0.20
17619	2907.8	8045.1	1378.0	97.88	1.36	0.42	0.12	0.22
17620	2908.1	8046.5	1378.0	97.72	1.52	0.41	0.12	0.23
17621	2908.0	8048.0	1378.0	97.48	1.68	0.46	0.14	0.24
17622	2908.1	8049.5	1378.0	97.44	1.88	0.44	0.09	0.15
17623	2911.1	8036.1	1378.0	97.47	1.70	0.46	0.14	0.23
17624	2910.8	8037.3	1378.0	96.20	2.61	0.44	0.32	0.43
17625	2911.0	8039.0	1378.0	97.49	1.89	0.45	0.06	0.11
17626	2911.1	8040.5	1378.0	96.89	2.44	0.45	0.08	0.14
17627	2911.2	8042.1	1378.0	96.69	2.57	0.42	0.12	0.20
17628	2910.9	8043.4	1378.0	96.94	2.27	0.47	0.13	0.19
17629	2911.1	8045.0	1378.0	98.06	1.25	0.47	0.09	0.13
17630	2911.0	8046.5	1378.0	97.73	1.40	0.54	0.12	0.21
17631	2911.1	8048.1	1378.0	97.26	1.86	0.62	0.07	0.19
17632	2911.0	8049.4	1378.0	96.32	2.71	0.59	0.11	0.27
17701	2922.9	8040.6	1378.0	97.52	1.55	0.50	0.15	0.28
17702	2922.8	8043.3	1378.0	97.51	1.43	0.47	0.17	0.42

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
17703	2922.6	8045.3	1378.0	97.10	1.43	0.59	0.31	0.57
17704	2922.1	8052.4	1378.0	96.62	2.32	0.61	0.16	0.29
17705	2922.2	8053.1	1378.0	97.54	1.73	0.57	0.04	0.12
17706	2919.9	8053.1	1378.0	97.25	2.01	0.47	0.09	0.18
17707	2919.8	8052.4	1378.0	97.38	1.63	0.51	0.11	0.37
17708	2920.0	8050.0	1378.0	97.31	1.42	0.67	0.21	0.39
17709	2920.1	8047.7	1378.0	97.42	1.44	0.47	0.20	0.47
17710	2920.3	8045.3	1378.0	97.06	1.52	0.74	0.21	0.47
17711	2920.4	8043.0	1378.0	97.51	1.35	0.54	0.16	0.44
17712	2918.1	8043.0	1378.0	97.19	1.16	0.81	0.29	0.55
17713	2917.9	8045.4	1378.0	97.10	1.51	0.48	0.25	0.66
17714	2917.7	8047.7	1378.0	97.47	1.44	0.46	0.23	0.40
17715	2917.6	8050.0	1378.0	96.80	1.76	0.45	0.39	0.60
17716	2917.5	8052.4	1378.0	97.78	1.42	0.47	0.10	0.23
17717	2917.5	8053.1	1378.0	96.99	2.28	0.46	0.06	0.21
17718	2915.2	8053.1	1378.0	97.26	1.83	0.47	0.15	0.29
17719	2915.2	8052.4	1378.0	97.37	1.56	0.43	0.26	0.38
17720	2915.4	8047.7	1378.0	97.15	1.56	0.73	0.19	0.37
17721	2915.6	8045.4	1378.0	97.14	1.34	0.44	0.29	0.79
17722	2913.1	8047.7	1378.0	97.21	1.48	0.44	0.31	0.56
17723	2913.0	8050.0	1378.0	97.61	1.45	0.44	0.16	0.34
17724	2912.9	8052.4	1378.0	96.49	2.24	0.47	0.30	0.50
17725	2912.9	8053.1	1378.0	96.97	1.82	0.49	0.30	0.42
17751	2937.9	8030.8	1378.0	97.89	1.31	0.50	0.10	0.20
17752	2935.6	8030.8	1378.0	98.05	1.12	0.48	0.12	0.23
17753	2933.2	8030.7	1378.0	98.29	0.99	0.43	0.12	0.17
17754	2930.8	8030.6	1378.0	98.04	1.07	0.43	0.17	0.29
17755	2928.4	8030.5	1378.0	97.11	1.55	0.75	0.23	0.36
17756	2928.7	8028.1	1378.0	97.37	1.47	0.55	0.23	0.38
17757	2931.0	8028.2	1378.0	97.60	1.35	0.45	0.20	0.40
17758	2933.3	8028.3	1378.0	97.54	1.54	0.42	0.10	0.40
17759	2935.6	8028.5	1378.0	98.08	1.21	0.44	0.11	0.16
17760	2937.9	8028.6	1378.0	98.11	1.09	0.47	0.12	0.21
17761	2937.9	8026.4	1378.0	97.75	1.27	0.42	0.22	0.34
17762	2935.6	8026.2	1378.0	95.40	3.61	0.43	0.21	0.35
17763	2933.3	8026.1	1378.0	95.72	3.13	0.48	0.25	0.42
17764	2931.0	8025.9	1378.0	96.28	2.37	0.47	0.30	0.58
17765	2928.7	8025.8	1378.0	96.06	2.56	0.75	0.25	0.38
17766	2926.4	8025.6	1378.0	96.49	2.54	0.57	0.13	0.27
17767	2924.1	8025.5	1378.0	97.77	1.36	0.55	0.09	0.23
17768	2926.4	8028.0	1378.0	97.80	1.36	0.57	0.07	0.20
17769	2926.1	8030.5	1378.0	98.04	1.23	0.56	0.03	0.14
17770	2921.8	8025.4	1378.0	97.78	1.38	0.53	0.10	0.21
17771	2924.1	8027.8	1378.0	97.74	1.47	0.57	0.08	0.14
17772	2923.7	8030.4	1378.0	97.82	1.29	0.76	0.03	0.10
17773	2921.8	8027.7	1378.0	97.37	1.71	0.66	0.07	0.19
17774	2921.4	8030.3	1378.0	97.65	1.35	0.50	0.13	0.37
17775	2921.3	8032.5	1378.0	97.37	1.58	0.54	0.14	0.37
17776	2921.2	8034.6	1378.0	97.90	1.31	0.45	0.09	0.25
17777	2921.1	8036.8	1378.0	95.94	2.93	0.46	0.23	0.44
17778	2919.5	8025.2	1378.0	97.73	1.32	0.56	0.09	0.30
17779	2919.5	8027.6	1378.0	97.82	1.29	0.52	0.11	0.26
17780	2917.2	8027.5	1378.0	97.43	1.11	0.57	0.24	0.65
17781	2918.9	8032.4	1378.0	97.40	1.19	0.52	0.28	0.61
17782	2918.9	8034.6	1378.0	97.65	1.11	0.48	0.24	0.52

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
17783	2918.8	8036.8	1378.0	97.32	1.30	0.46	0.29	0.63
17784	2918.8	8039.0	1378.0	97.29	1.41	0.43	0.28	0.59
17785	2916.6	8039.1	1378.0	97.15	1.69	0.43	0.22	0.51
17786	2916.6	8036.8	1378.0	97.08	1.64	0.44	0.25	0.59
17787	2916.7	8034.5	1378.0	95.22	3.00	0.46	0.39	0.93
17788	2916.8	8032.2	1378.0	97.65	1.16	0.48	0.21	0.50
17789	2916.9	8030.0	1378.0	97.03	1.25	0.75	0.38	0.59
17790	2919.1	8030.1	1378.0	96.71	1.81	0.62	0.32	0.54
17791	2917.2	8025.1	1378.0	97.51	1.28	0.47	0.29	0.45
17792	2914.9	8024.9	1378.0	97.09	1.55	0.50	0.30	0.56
17793	2914.9	8027.3	1378.0	97.17	1.22	0.63	0.35	0.63
17794	2914.7	8029.8	1378.0	97.51	1.33	0.47	0.24	0.45
17795	2913.6	8032.0	1378.0	97.42	1.39	0.37	0.24	0.58
17796	2915.1	8032.1	1378.0	97.32	1.54	0.47	0.21	0.46
17797	2914.5	8034.5	1378.0	96.77	1.38	0.41	0.35	1.09
17798	2914.4	8036.8	1378.0	97.19	1.28	0.41	0.31	0.81
17799	2914.3	8039.2	1378.0	97.34	1.56	0.42	0.21	0.47
17800	2912.1	8039.3	1378.0	97.06	1.92	0.40	0.21	0.41
17801	2912.2	8036.8	1378.0	97.56	1.60	0.34	0.17	0.33
17802	2931.2	8094.5	1378.0	97.88	1.24	0.69	0.07	0.12
17803	2931.4	8092.3	1378.0	97.90	1.16	0.69	0.08	0.17
17804	2931.6	8090.2	1378.0	98.02	1.33	0.44	0.07	0.14
17805	2929.2	8089.9	1378.0	98.15	1.09	0.52	0.07	0.17
17806	2928.7	8092.2	1378.0	96.56	1.77	1.37	0.10	0.20
17807	2928.2	8094.5	1378.0	97.76	1.33	0.67	0.06	0.18
17808	2927.7	8096.8	1378.0	98.09	1.10	0.52	0.09	0.20
17809	2927.2	8099.2	1378.0	98.32	1.02	0.39	0.09	0.18
17810	2926.7	8101.5	1378.0	98.06	1.18	0.36	0.12	0.28
17811	2924.5	8101.4	1378.0	98.32	0.97	0.51	0.06	0.14
17812	2924.9	8099.1	1378.0	97.98	1.15	0.56	0.10	0.21
17813	2925.4	8096.7	1378.0	98.20	1.04	0.50	0.06	0.20
17814	2925.8	8094.4	1378.0	98.27	0.84	0.50	0.11	0.28
17815	2926.3	8092.0	1378.0	97.34	1.84	0.50	0.08	0.24
17816	2926.7	8089.6	1378.0	98.06	1.20	0.50	0.06	0.18
17817	2924.3	8089.4	1378.0	98.07	1.09	0.55	0.07	0.22
17818	2923.9	8091.8	1378.0	98.53	0.86	0.40	0.05	0.16
17819	2923.5	8094.2	1378.0	97.81	1.03	0.94	0.05	0.17
17820	2923.0	8096.6	1378.0	97.98	1.02	0.66	0.10	0.24
17821	2922.6	8098.9	1378.0	98.27	1.03	0.39	0.08	0.23
17822	2922.2	8101.3	1378.0	98.11	1.05	0.62	0.06	0.16
17823	2919.9	8101.2	1378.0	98.18	1.04	0.42	0.12	0.24
17824	2920.3	8098.8	1378.0	98.12	0.93	0.71	0.07	0.17
17825	2920.7	8096.4	1378.0	98.30	0.89	0.57	0.07	0.17
17826	2921.1	8094.0	1378.0	97.90	1.19	0.55	0.12	0.24
17827	2921.5	8091.6	1378.0	98.39	0.93	0.46	0.06	0.16
17828	2921.9	8089.2	1378.0	96.97	2.30	0.51	0.07	0.15
17829	2919.5	8089.0	1378.0	91.49	7.50	0.53	0.15	0.33
17830	2918.7	8093.9	1378.0	97.73	1.25	0.71	0.09	0.22
17831	2918.4	8096.3	1378.0	97.54	1.55	0.66	0.07	0.18
17832	2918.0	8098.7	1378.0	98.25	0.93	0.49	0.09	0.24
17833	2917.6	8101.1	1378.0	98.34	0.97	0.46	0.07	0.16
17834	2915.4	8101.1	1378.0	98.40	0.93	0.45	0.06	0.16
17835	2915.7	8098.6	1378.0	97.75	1.24	0.55	0.16	0.30
17836	2916.0	8096.2	1378.0	98.11	1.05	0.56	0.09	0.19
17837	2916.4	8093.7	1378.0	98.36	0.94	0.48	0.07	0.15

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
17838	2914.0	8093.5	1378.0	98.15	1.01	0.58	0.10	0.16
17839	2913.7	8095.9	1378.0	97.92	1.08	0.58	0.17	0.25
17840	2913.4	8098.4	1378.0	97.93	1.25	0.50	0.12	0.20
17841	2913.1	8100.8	1378.0	98.14	1.04	0.51	0.12	0.19
17842	2910.8	8100.6	1378.0	97.91	1.15	0.67	0.10	0.17
17843	2911.1	8098.1	1378.0	97.82	1.20	0.57	0.17	0.24
17844	2911.4	8095.7	1378.0	97.57	1.37	0.74	0.12	0.20
17845	2919.1	8091.4	1378.0	98.47	0.95	0.37	0.08	0.13
17846	2916.7	8091.2	1378.0	98.09	1.13	0.62	0.06	0.10
17847	2914.3	8091.0	1378.0	95.66	2.23	1.77	0.10	0.24
17848	2909.1	8095.5	1378.0	97.38	1.64	0.59	0.14	0.25
17849	2908.8	8097.9	1378.0	97.78	1.31	0.60	0.11	0.20
17850	2908.6	8100.4	1378.0	98.03	1.24	0.44	0.11	0.18
17851	2906.3	8100.1	1378.0	96.06	3.09	0.48	0.12	0.25
17852	2906.6	8097.7	1378.0	97.86	1.24	0.68	0.09	0.13
17853	2906.8	8095.3	1378.0	98.15	1.08	0.53	0.10	0.14
17854	2904.4	8095.0	1378.0	96.34	2.67	0.63	0.13	0.23
17855	2904.3	8097.5	1378.0	97.20	1.58	0.81	0.15	0.26
17856	2904.1	8099.9	1378.0	96.53	1.98	1.00	0.17	0.32
17857	2901.8	8099.7	1378.0	97.22	1.49	0.94	0.12	0.23
17858	2902.0	8097.2	1378.0	96.89	1.31	1.46	0.12	0.22
17859	2902.1	8094.8	1378.0	94.28	3.38	1.80	0.17	0.37
17860	2899.8	8094.6	1378.0	96.98	1.38	1.01	0.25	0.38
17861	2899.7	8097.0	1378.0	97.18	1.30	0.91	0.23	0.38
17862	2899.6	8099.4	1378.0	97.53	1.17	0.82	0.17	0.31
17863	2898.1	8099.3	1378.0	97.57	1.15	0.84	0.17	0.27
17864	2898.0	8096.9	1378.0	97.16	1.62	0.76	0.18	0.28
17865	2897.9	8094.5	1378.0	96.42	1.81	0.88	0.37	0.52
17866	2912.2	8088.4	1378.0	96.86	2.14	0.80	0.08	0.12
17867	2912.0	8090.8	1378.0	95.06	3.52	0.62	0.26	0.54
17868	2911.7	8093.3	1378.0	96.64	1.37	1.68	0.11	0.20
17869	2909.3	8093.0	1378.0	94.86	4.03	0.85	0.10	0.16
17870	2909.6	8090.6	1378.0	93.61	5.20	0.86	0.11	0.22
17871	2909.8	8088.2	1378.0	97.20	1.81	0.68	0.11	0.20
17872	2907.4	8088.0	1378.0	97.75	1.13	0.86	0.10	0.16
17873	2907.2	8090.4	1378.0	97.81	1.06	0.89	0.10	0.14
17874	2904.8	8090.2	1378.0	98.08	1.11	0.65	0.06	0.10
17875	2905.0	8087.7	1378.0	97.63	1.42	0.50	0.17	0.28
17876	2902.6	8087.5	1378.0	95.96	2.19	1.00	0.32	0.53
17877	2902.4	8090.0	1378.0	97.44	1.37	0.68	0.21	0.30
17878	2902.3	8092.4	1378.0	97.56	1.53	0.63	0.10	0.18
17879	2899.9	8092.2	1378.0	97.83	1.42	0.44	0.13	0.18
17880	2900.0	8089.7	1378.0	97.27	1.30	0.63	0.32	0.48
17881	2898.8	8087.3	1378.0	97.15	1.28	0.65	0.38	0.54
17882	2897.6	8089.7	1378.0	97.31	1.22	0.71	0.30	0.46
17883	2897.7	8092.1	1378.0	97.10	1.64	0.82	0.14	0.30
17884	2914.7	8088.6	1378.0	97.90	1.02	0.73	0.12	0.23
17901	2936.3	8023.3	1378.0	97.12	1.91	0.44	0.20	0.33
17902	2936.1	8020.9	1378.0	97.99	1.19	0.59	0.11	0.12
17903	2935.9	8018.6	1378.0	98.02	1.12	0.48	0.16	0.22
17904	2934.0	8016.1	1378.0	98.29	1.01	0.49	0.07	0.14
17905	2933.9	8018.5	1378.0	98.11	1.23	0.49	0.08	0.09
17906	2933.9	8020.8	1378.0	97.93	1.37	0.43	0.11	0.16
17907	2933.8	8023.2	1378.0	98.04	1.22	0.47	0.10	0.17
17908	2931.4	8022.9	1378.0	98.21	1.10	0.45	0.09	0.15

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
17909	2931.6	8020.6	1378.0	98.04	1.18	0.50	0.10	0.18
17910	2931.8	8018.2	1378.0	97.94	1.13	0.44	0.20	0.29
17911	2932.0	8015.8	1378.0	98.14	1.02	0.47	0.12	0.25
17912	2929.6	8015.7	1378.0	97.91	1.00	0.84	0.07	0.18
17913	2929.4	8018.0	1378.0	94.46	3.47	1.53	0.18	0.36
17914	2929.2	8020.4	1378.0	97.63	1.32	0.71	0.12	0.22
17915	2929.0	8022.8	1378.0	98.06	1.18	0.61	0.07	0.08
17916	2926.6	8022.6	1378.0	97.90	1.15	0.68	0.09	0.18
17917	2926.8	8020.2	1378.0	97.74	1.26	0.59	0.17	0.24
17918	2927.0	8017.9	1378.0	94.78	3.39	0.49	0.50	0.84
17919	2927.2	8015.5	1378.0	98.34	1.05	0.42	0.07	0.12
17920	2924.7	8015.4	1378.0	97.53	1.53	0.48	0.19	0.27
17921	2924.5	8017.7	1378.0	97.70	1.45	0.51	0.14	0.20
17922	2924.4	8020.1	1378.0	98.11	1.14	0.54	0.06	0.15
17923	2924.2	8022.4	1378.0	98.04	1.14	0.52	0.09	0.21
17924	2921.7	8022.3	1378.0	98.09	1.23	0.56	0.05	0.07
17925	2921.9	8019.9	1378.0	98.03	1.19	0.59	0.06	0.13
17926	2922.1	8017.6	1378.0	98.03	1.26	0.54	0.06	0.11
17927	2922.3	8015.2	1378.0	98.22	1.13	0.52	0.04	0.09
17928	2922.5	8012.9	1378.0	97.82	1.28	0.47	0.17	0.26
17929	2924.9	8013.0	1378.0	97.81	1.26	0.45	0.20	0.28
17930	2927.4	8013.1	1378.0	98.17	1.18	0.49	0.07	0.09
17931	2929.8	8013.3	1378.0	98.34	0.97	0.46	0.08	0.15
17932	2932.2	8013.5	1378.0	98.40	0.98	0.44	0.06	0.12
17933	2932.4	8011.1	1378.0	98.32	1.01	0.56	0.04	0.07
17934	2930.0	8010.9	1378.0	98.28	1.14	0.44	0.07	0.07
17935	2927.6	8010.8	1378.0	98.44	0.93	0.45	0.07	0.11
17936	2925.1	8010.6	1378.0	98.23	0.97	0.44	0.12	0.24
17937	2925.3	8008.3	1378.0	97.98	1.40	0.41	0.08	0.13
17938	2927.8	8008.4	1378.0	98.12	1.16	0.44	0.11	0.17
17939	2930.2	8008.6	1378.0	98.24	1.16	0.40	0.08	0.12
17940	2932.7	8008.7	1378.0	98.54	0.95	0.45	0.04	0.02
17951	2881.3	7990.4	1378.0	98.19	1.04	0.42	0.10	0.25
17952	2880.8	7988.3	1378.0	97.34	1.47	0.61	0.20	0.38
17953	2879.9	7985.8	1378.0	96.19	2.02	0.41	0.48	0.90
17954	2879.3	7983.2	1378.0	95.53	1.75	0.41	0.62	1.69
17955	2878.6	7980.5	1378.0	96.12	1.49	0.43	0.53	1.43
17956	2877.9	7978.3	1378.0	97.01	1.63	0.35	0.27	0.74
17957	2877.2	7975.7	1378.0	96.09	2.31	0.60	0.27	0.73
17958	2881.7	7983.1	1378.0	97.45	1.41	0.39	0.25	0.50
17959	2882.6	7985.6	1378.0	97.61	1.47	0.56	0.10	0.26
17960	2883.4	7988.2	1378.0	97.12	1.21	1.40	0.08	0.19
17961	2883.9	7990.2	1378.0	98.23	1.03	0.47	0.12	0.15
17962	2884.5	7992.0	1378.0	97.42	1.57	0.43	0.20	0.38
17963	2884.8	7985.3	1378.0	96.87	2.12	0.56	0.16	0.29
17964	2886.8	7991.6	1378.0	98.10	1.32	0.42	0.07	0.09
17965	2886.3	7989.6	1378.0	97.72	1.66	0.44	0.08	0.10
17966	2884.0	7983.0	1378.0	97.22	1.47	0.83	0.21	0.27
17967	2883.2	7980.3	1378.0	97.92	1.20	0.43	0.17	0.28
17968	2882.5	7977.7	1378.0	98.04	1.23	0.36	0.17	0.20
17969	2881.9	7975.3	1378.0	97.96	1.18	0.34	0.19	0.33
17970	2879.4	7975.5	1378.0	97.70	1.26	0.54	0.18	0.32
17971	2880.3	7978.0	1378.0	97.98	1.29	0.47	0.07	0.19
17972	2884.6	7974.3	1378.0	98.04	1.12	0.31	0.17	0.36
17973	2885.4	7976.8	1378.0	97.78	1.20	0.32	0.29	0.41

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
17974	2886.2	7979.0	1378.0	97.23	2.16	0.35	0.14	0.12
17975	2886.8	7981.2	1378.0	98.05	1.22	0.42	0.14	0.17
17976	2887.4	7983.7	1378.0	97.63	1.52	0.40	0.15	0.30
17977	2888.0	7985.7	1378.0	98.50	0.83	0.39	0.12	0.16
17978	2888.6	7987.8	1378.0	98.48	1.07	0.35	0.06	0.04
17979	2889.1	7989.6	1378.0	98.59	0.87	0.35	0.10	0.09
17980	2889.5	7991.4	1378.0	96.83	2.29	0.30	0.19	0.39
17981	2891.9	7991.0	1378.0	97.55	1.73	0.60	0.04	0.08
17982	2891.5	7989.2	1378.0	98.22	0.90	0.37	0.21	0.30
17983	2890.9	7987.3	1378.0	98.42	0.93	0.42	0.12	0.11
17984	2890.4	7985.4	1378.0	98.48	0.88	0.56	0.05	0.03
17985	2889.9	7983.2	1378.0	97.25	2.17	0.42	0.07	0.09
17986	2889.3	7980.7	1378.0	97.41	1.91	0.42	0.12	0.14
17987	2888.6	7978.4	1378.0	98.71	0.88	0.34	0.05	0.02
17988	2887.8	7975.9	1378.0	98.57	0.96	0.40	0.05	0.02
17989	2887.2	7973.8	1378.0	98.20	1.23	0.35	0.10	0.12
17990	2889.5	7973.6	1378.0	98.22	1.24	0.36	0.09	0.09
17991	2890.1	7975.5	1378.0	98.54	0.95	0.36	0.07	0.08
17992	2890.8	7977.9	1378.0	98.17	1.09	0.46	0.11	0.17
17993	2891.6	7980.4	1378.0	97.79	1.21	0.58	0.14	0.28
17994	2892.3	7982.7	1378.0	98.09	1.37	0.43	0.05	0.06
17995	2892.8	7985.1	1378.0	98.53	0.90	0.44	0.09	0.04
17996	2893.2	7986.7	1378.0	97.43	1.71	0.39	0.19	0.28
17997	2893.8	7988.6	1378.0	98.67	0.94	0.36	0.03	0.00
17998	2894.1	7990.7	1378.0	98.04	1.23	0.52	0.08	0.13
18001	2919.7	8183.0	1384.0	98.16	1.26	0.44	0.05	0.09
18002	2919.5	8184.9	1384.0	97.18	2.25	0.47	0.02	0.08
18003	2919.1	8187.0	1384.0	98.21	1.25	0.42	0.03	0.09
18004	2918.8	8189.3	1384.0	98.21	1.24	0.46	0.02	0.07
18005	2918.3	8191.7	1384.0	97.06	2.24	0.43	0.05	0.22
18006	2917.7	8194.2	1384.0	96.85	2.36	0.47	0.09	0.23
18007	2915.9	8194.2	1384.0	96.59	2.83	0.41	0.06	0.11
18008	2916.3	8191.7	1384.0	97.68	1.85	0.39	0.01	0.07
18009	2916.8	8189.3	1384.0	97.39	2.02	0.46	0.03	0.10
18010	2917.2	8187.1	1384.0	98.31	1.14	0.46	0.02	0.07
18011	2917.4	8184.9	1384.0	98.06	1.41	0.41	0.03	0.09
18012	2917.8	8183.0	1384.0	97.98	1.43	0.45	0.03	0.11
18013	2915.8	8183.0	1384.0	96.55	2.82	0.49	0.04	0.10
18014	2915.6	8184.9	1384.0	97.20	2.20	0.46	0.04	0.10
18015	2915.2	8187.1	1384.0	97.74	1.72	0.45	0.03	0.06
18016	2915.0	8189.4	1384.0	92.20	7.00	0.42	0.03	0.35
18017	2914.5	8191.8	1384.0	94.71	4.60	0.60	0.03	0.06
18018	2913.5	8187.0	1384.0	97.49	2.04	0.40	0.03	0.04
18019	2913.7	8184.9	1384.0	95.92	3.52	0.41	0.04	0.11
18020	2913.9	8182.9	1384.0	96.50	2.97	0.41	0.04	0.08
18021	2912.0	8182.9	1384.0	96.51	2.89	0.43	0.05	0.12
18022	2911.8	8184.9	1384.0	97.97	1.56	0.38	0.04	0.05
18023	2911.8	8187.1	1384.0	97.68	1.87	0.37	0.03	0.05
18024	2911.4	8189.5	1384.0	90.33	9.10	0.40	0.05	0.12
18025	2909.0	8189.5	1384.0	90.77	8.70	0.40	0.04	0.09
18026	2909.4	8187.1	1384.0	97.87	1.66	0.36	0.03	0.08
18027	2909.8	8184.9	1384.0	97.97	1.55	0.37	0.03	0.08
18028	2910.0	8183.0	1384.0	96.43	2.98	0.39	0.04	0.16
18029	2914.0	8194.3	1384.0	97.11	2.24	0.47	0.05	0.13
18030	2912.7	8191.8	1384.0	94.65	4.70	0.48	0.05	0.12

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
18031	2913.2	8189.5	1384.0	91.23	8.20	0.40	0.04	0.13
18032	2910.4	8194.5	1384.0	97.75	1.53	0.49	0.07	0.16
18033	2908.3	8194.4	1384.0	96.93	2.30	0.43	0.10	0.24
18034	2908.6	8192.0	1384.0	95.36	3.80	0.45	0.12	0.27
19964	3120.0	8180.6	1486.0	97.35	1.80	0.56	0.11	0.18
19965	3120.2	8181.6	1486.0	97.69	1.61	0.61	0.02	0.07
19966	3117.9	8182.0	1486.0	97.06	1.86	0.63	0.14	0.31
19967	3115.6	8182.5	1486.0	97.40	1.91	0.56	0.05	0.08
19968	3115.4	8181.5	1486.0	97.25	2.03	0.62	0.03	0.07
19969	3117.7	8181.0	1486.0	97.54	1.72	0.56	0.07	0.11
19970	3117.2	8178.6	1486.0	97.57	1.54	0.69	0.08	0.12
19971	3116.6	8176.2	1486.0	97.07	2.18	0.58	0.06	0.11
19972	3116.1	8173.7	1486.0	97.69	1.58	0.57	0.06	0.10
19973	3115.5	8171.3	1486.0	97.53	1.78	0.56	0.05	0.08
19974	3115.0	8168.8	1486.0	97.35	1.86	0.51	0.10	0.18
19975	3114.9	8179.1	1486.0	97.56	1.65	0.68	0.04	0.07
19976	3114.3	8179.2	1486.0	98.05	1.30	0.60	0.02	0.03
19977	3113.7	8174.2	1486.0	98.16	1.23	0.50	0.03	0.08
19978	3113.2	8171.7	1486.0	97.29	2.04	0.51	0.07	0.09
19979	3111.0	8172.3	1486.0	97.19	2.00	0.56	0.10	0.15
19980	3110.4	8169.8	1486.0	97.35	1.95	0.58	0.05	0.07
19981	3112.6	8169.3	1486.0	97.14	2.14	0.45	0.12	0.15
19982	3125.9	8174.3	1486.0	96.43	2.21	1.07	0.12	0.17
19983	3126.4	8176.8	1486.0	96.65	1.73	0.93	0.28	0.41
19984	3127.0	8179.2	1486.0	96.94	1.82	0.90	0.16	0.18
19985	3127.2	8180.2	1486.0	96.91	1.89	0.84	0.16	0.20
19986	3124.9	8180.7	1486.0	95.88	3.05	0.83	0.10	0.14
19987	3124.6	8179.7	1486.0	96.11	2.76	0.80	0.15	0.18
19988	3124.1	8177.2	1486.0	96.99	1.78	0.78	0.18	0.27
19989	3123.6	8174.8	1486.0	96.32	1.63	0.83	0.51	0.71
19990	3121.2	8175.2	1486.0	97.60	1.56	0.70	0.06	0.08
19991	3121.8	8177.7	1486.0	97.20	1.72	0.93	0.05	0.10
19992	3122.3	8180.1	1486.0	96.75	2.44	0.69	0.04	0.08
19993	3122.5	8181.1	1486.0	97.15	1.93	0.66	0.10	0.16
19994	3119.5	8178.1	1486.0	96.95	2.20	0.72	0.04	0.09
19995	3118.9	8175.7	1486.0	97.33	1.73	0.76	0.06	0.12
19996	3118.4	8173.2	1486.0	97.46	1.66	0.69	0.07	0.12
19997	3120.7	8172.8	1486.0	96.97	1.67	1.22	0.04	0.10
19998	3123.0	8172.3	1486.0	96.80	2.14	0.81	0.08	0.17
19999	3125.4	8171.9	1486.0	96.30	2.45	0.91	0.12	0.22
20000	3124.8	8169.4	1486.0	96.61	2.04	0.77	0.22	0.36
20001	3120.2	8170.3	1486.0	97.54	1.65	0.66	0.04	0.11
20002	3117.8	8170.8	1486.0	97.15	2.08	0.55	0.09	0.13
20003	3117.3	8168.4	1486.0	96.70	2.10	0.62	0.23	0.35
20004	3119.6	8167.9	1486.0	93.73	5.20	0.75	0.12	0.20
20005	3121.9	8167.4	1486.0	90.60	8.50	0.64	0.10	0.16
20006	3124.3	8166.9	1486.0	94.20	5.00	0.61	0.06	0.13
20007	3123.7	8164.5	1486.0	97.18	1.98	0.56	0.10	0.18
20008	3121.4	8164.9	1486.0	95.69	3.39	0.60	0.11	0.21
20009	3119.1	8165.4	1486.0	96.87	2.31	0.63	0.06	0.13
20010	3116.7	8165.9	1486.0	97.12	1.69	0.64	0.23	0.32
20011	3114.4	8166.4	1486.0	97.40	1.87	0.53	0.08	0.12
20012	3112.1	8166.9	1486.0	97.30	1.93	0.54	0.08	0.15
20013	3109.8	8167.4	1486.0	97.13	1.90	0.57	0.15	0.25
20014	3108.1	8167.6	1486.0	97.02	2.14	0.59	0.09	0.16

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
20015	3109.2	8164.9	1486.0	97.27	1.99	0.58	0.05	0.11
20016	3111.6	8164.4	1486.0	96.79	2.01	0.55	0.27	0.38
20017	3113.9	8163.9	1486.0	97.23	2.03	0.53	0.08	0.13
20018	3116.2	8163.5	1486.0	97.46	1.72	0.56	0.09	0.17
20019	3118.6	8163.0	1486.0	96.69	2.33	0.53	0.18	0.27
20020	3120.9	8162.5	1486.0	96.84	2.37	0.56	0.09	0.14
20021	3123.2	8162.0	1486.0	97.75	1.62	0.52	0.04	0.07
20026	3082.2	8241.3	1480.0	94.05	4.62	0.47	0.31	0.55
20027	3082.3	8238.9	1480.0	95.82	2.91	0.49	0.26	0.52
20028	3082.4	8236.5	1480.0	96.61	2.13	0.49	0.27	0.50
20029	3082.5	8234.1	1480.0	96.94	1.82	0.44	0.31	0.49
20030	3083.8	8222.2	1480.0	97.26	1.66	0.42	0.20	0.46
20031	3083.7	8224.6	1480.0	97.65	1.47	0.45	0.13	0.30
20032	3083.6	8227.0	1480.0	96.43	2.54	0.42	0.17	0.44
20033	3083.5	8229.4	1480.0	94.19	4.52	0.41	0.26	0.62
20034	3083.5	8231.8	1480.0	96.74	2.17	0.44	0.21	0.44
20035	3083.4	8234.2	1480.0	96.04	2.64	0.46	0.30	0.56
20036	3083.3	8236.6	1480.0	96.75	2.03	0.43	0.29	0.50
20037	3083.2	8239.0	1480.0	96.97	1.85	0.54	0.25	0.39
20038	3083.2	8241.4	1480.0	96.61	2.08	0.46	0.31	0.54
20039	3085.7	8241.5	1480.0	96.38	2.55	0.47	0.21	0.39
20040	3085.7	8239.0	1480.0	90.17	8.63	0.49	0.22	0.49
20041	3085.8	8236.6	1480.0	94.75	3.92	0.46	0.33	0.54
20042	3085.9	8234.2	1480.0	96.99	2.01	0.42	0.22	0.36
20043	3085.9	8231.8	1480.0	97.10	1.89	0.47	0.17	0.37
20044	3086.0	8229.3	1480.0	96.44	2.36	0.48	0.25	0.47
20045	3086.1	8226.9	1480.0	96.58	2.20	0.44	0.26	0.52
20046	3086.1	8224.5	1480.0	97.17	1.67	0.47	0.20	0.49
20047	3086.2	8222.1	1480.0	96.52	2.58	0.49	0.14	0.27
20048	3088.7	8222.0	1480.0	97.56	1.50	0.45	0.17	0.32
20049	3088.6	8224.4	1480.0	97.16	1.96	0.49	0.14	0.25
20050	3088.6	8226.9	1480.0	96.74	2.27	0.47	0.22	0.30
20051	3088.5	8229.3	1480.0	96.59	2.43	0.51	0.14	0.33
20052	3088.4	8231.8	1480.0	96.92	2.00	0.48	0.20	0.40
20053	3088.4	8234.2	1480.0	96.90	1.93	0.51	0.16	0.50
20054	3088.3	8236.7	1480.0	97.13	1.82	0.45	0.17	0.43
20055	3088.2	8239.1	1480.0	97.03	1.85	0.45	0.19	0.48
20056	3088.2	8241.5	1480.0	95.94	3.16	0.41	0.12	0.37
20057	3090.7	8241.6	1480.0	97.12	1.65	0.48	0.19	0.56
20058	3090.7	8239.1	1480.0	97.58	1.40	0.48	0.17	0.37
20059	3090.8	8236.7	1480.0	97.32	1.67	0.46	0.20	0.35
20060	3090.9	8234.2	1480.0	96.82	2.21	0.48	0.12	0.37
20061	3090.9	8231.7	1480.0	96.84	2.12	0.49	0.13	0.42
20062	3091.0	8229.3	1480.0	97.31	1.70	0.48	0.13	0.38
20063	3091.0	8226.8	1480.0	96.69	2.26	0.45	0.12	0.48
20064	3091.1	8224.3	1480.0	97.49	1.59	0.46	0.14	0.32
20065	3091.1	8221.9	1480.0	97.26	1.76	0.45	0.15	0.38
20066	3093.6	8221.8	1480.0	94.84	1.38	3.24	0.15	0.39
20067	3093.6	8224.3	1480.0	97.65	1.36	0.43	0.20	0.36
20068	3093.5	8226.8	1480.0	97.85	1.18	0.44	0.18	0.35
20069	3093.4	8229.3	1480.0	97.26	1.72	0.49	0.17	0.36
20070	3093.4	8231.7	1480.0	96.97	2.14	0.48	0.13	0.28
20071	3093.4	8234.2	1480.0	97.94	1.26	0.46	0.10	0.24
20072	3093.3	8236.7	1480.0	97.03	1.92	0.52	0.15	0.38
20073	3093.2	8239.2	1480.0	97.19	1.87	0.50	0.12	0.32

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
20074	3093.2	8241.7	1480.0	93.82	5.30	0.48	0.09	0.31
20076	3093.4	8245.5	1480.0	96.55	2.43	0.52	0.13	0.37
20077	3093.5	8247.0	1480.0	97.41	1.78	0.55	0.07	0.19
20078	3093.3	8249.5	1480.0	97.61	1.49	0.54	0.09	0.27
20079	3093.2	8252.0	1480.0	98.04	1.41	0.44	0.03	0.08
20080	3093.1	8254.5	1480.0	98.06	1.22	0.51	0.06	0.15
20081	3090.6	8254.4	1480.0	96.88	2.43	0.53	0.05	0.11
20082	3090.7	8252.0	1480.0	98.01	1.23	0.56	0.06	0.14
20083	3091.0	8249.6	1480.0	97.53	1.57	0.61	0.08	0.21
20084	3091.0	8247.2	1480.0	97.73	1.40	0.62	0.08	0.17
20085	3091.0	8245.8	1480.0	97.24	1.63	0.55	0.17	0.41
20086	3088.4	8246.1	1480.0	96.75	1.93	0.45	0.32	0.55
20087	3088.5	8247.4	1480.0	97.49	1.68	0.45	0.10	0.28
20088	3088.4	8249.6	1480.0	91.44	7.50	0.54	0.11	0.41
20089	3088.1	8252.0	1480.0	92.37	6.60	0.47	0.16	0.40
20090	3087.9	8254.3	1480.0	93.31	5.70	0.43	0.13	0.43
20091	3087.9	8256.9	1480.0	88.79	10.20	0.43	0.14	0.44
20092	3085.4	8257.0	1480.0	92.64	6.30	0.49	0.16	0.41
20093	3085.6	8254.4	1480.0	96.73	2.39	0.47	0.10	0.31
20094	3085.7	8252.0	1480.0	97.04	2.06	0.51	0.11	0.28
20095	3086.0	8249.7	1480.0	97.61	1.59	0.46	0.11	0.23
20096	3086.0	8247.5	1480.0	96.25	2.66	0.46	0.20	0.43
20097	3086.0	8246.3	1480.0	97.08	1.93	0.47	0.19	0.33
20098	3090.4	8256.9	1480.0	97.37	1.97	0.48	0.05	0.13
20099	3092.9	8257.0	1480.0	97.17	1.64	0.51	0.17	0.51
20100	3082.4	8246.6	1480.0	96.28	2.75	0.58	0.13	0.26
20101	3082.4	8247.5	1480.0	96.08	2.92	0.60	0.16	0.24
20102	3082.2	8249.8	1480.0	92.75	6.25	0.52	0.17	0.31
20103	3080.7	8252.2	1480.0	96.23	2.48	0.51	0.30	0.48
20104	3080.5	8254.6	1480.0	96.23	2.39	0.54	0.27	0.57
20105	3081.9	8254.6	1480.0	97.04	1.81	0.53	0.23	0.39
20106	3082.1	8252.2	1480.0	96.92	1.90	0.61	0.19	0.38
20107	3083.3	8246.6	1480.0	96.30	2.65	0.56	0.17	0.32
20108	3083.6	8247.7	1480.0	93.53	5.27	0.54	0.21	0.45
20109	3083.4	8249.7	1480.0	92.71	6.27	0.51	0.17	0.34
20110	3083.4	8252.0	1480.0	97.09	1.93	0.56	0.14	0.28
20111	3083.2	8254.5	1480.0	96.74	1.89	0.77	0.19	0.41
20112	3083.1	8257.0	1480.0	97.74	1.42	0.53	0.08	0.23
20113	3081.7	8257.0	1480.0	96.88	2.20	0.49	0.13	0.30
20114	3080.4	8257.1	1480.0	97.26	1.76	0.45	0.17	0.36
20151	3094.4	8205.8	1480.0	96.26	2.42	0.67	0.27	0.38
20152	3094.2	8208.2	1480.0	96.90	1.77	0.76	0.23	0.34
20153	3094.2	8210.6	1480.0	97.25	1.74	0.59	0.18	0.24
20154	3094.1	8213.0	1480.0	96.60	1.59	1.36	0.18	0.27
20155	3093.9	8215.3	1480.0	97.52	1.34	0.47	0.29	0.38
20156	3093.7	8217.7	1480.0	97.29	1.46	0.44	0.33	0.48
20157	3093.3	8219.1	1480.0	97.65	1.31	0.42	0.27	0.35
20158	3091.2	8218.8	1480.0	97.55	1.53	0.44	0.21	0.27
20159	3091.5	8217.4	1480.0	97.07	1.40	0.97	0.22	0.34
20160	3091.7	8215.1	1480.0	97.43	1.43	0.48	0.29	0.37
20161	3091.8	8212.7	1480.0	97.31	1.62	0.50	0.27	0.30
20162	3092.0	8210.4	1480.0	97.59	1.36	0.58	0.22	0.25
20163	3092.1	8208.0	1480.0	97.50	1.38	0.67	0.19	0.26
20164	3092.3	8205.7	1480.0	97.16	1.70	0.63	0.21	0.30
20165	3089.9	8205.6	1480.0	97.23	1.58	0.57	0.26	0.36

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
20166	3089.8	8207.9	1480.0	97.46	1.33	0.87	0.11	0.23
20167	3089.7	8210.2	1480.0	97.43	1.37	0.64	0.21	0.35
20168	3089.6	8212.5	1480.0	97.24	1.72	0.65	0.15	0.24
20169	3089.5	8214.8	1480.0	97.50	1.46	0.49	0.18	0.37
20170	3089.4	8217.2	1480.0	97.06	1.93	0.44	0.19	0.38
20171	3089.2	8218.5	1480.0	97.06	1.93	0.44	0.19	0.38
20172	3087.2	8218.2	1480.0	96.60	2.17	0.51	0.23	0.49
20173	3087.3	8216.9	1480.0	97.54	1.64	0.47	0.10	0.25
20174	3087.3	8214.6	1480.0	97.55	1.62	0.44	0.12	0.27
20175	3087.4	8212.3	1480.0	97.48	1.64	0.46	0.14	0.28
20176	3087.4	8210.0	1480.0	98.07	1.16	0.44	0.11	0.22
20177	3087.5	8207.8	1480.0	97.66	1.35	0.52	0.18	0.29
20178	3087.5	8205.5	1480.0	97.47	1.40	0.59	0.21	0.33
20179	3085.1	8205.4	1480.0	97.25	1.75	0.55	0.18	0.27
20180	3085.1	8207.6	1480.0	96.99	2.16	0.50	0.13	0.22
20181	3085.1	8209.9	1480.0	97.47	1.70	0.50	0.12	0.21
20182	3085.1	8212.1	1480.0	97.55	1.41	0.51	0.19	0.34
20183	3085.1	8214.4	1480.0	96.97	1.77	0.51	0.23	0.52
20184	3085.1	8216.6	1480.0	96.87	2.03	0.52	0.19	0.39
20185	3085.1	8217.9	1480.0	96.81	2.06	0.50	0.20	0.43
20186	3084.0	8216.5	1480.0	97.41	1.54	0.46	0.20	0.39
20187	3083.6	8214.3	1480.0	97.05	1.92	0.45	0.21	0.37
20188	3083.4	8212.1	1480.0	97.05	1.83	0.49	0.20	0.43
20189	3083.2	8209.9	1480.0	96.37	1.60	0.79	0.49	0.75
20190	3083.4	8207.5	1480.0	97.36	1.53	0.57	0.19	0.35
20191	3083.6	8205.4	1480.0	97.36	1.64	0.50	0.17	0.33
20192	3093.3	8260.7	1480.0	97.64	1.51	0.50	0.11	0.24
20193	3090.7	8260.8	1480.0	87.42	10.80	0.49	0.32	0.97
20194	3088.0	8261.0	1480.0	96.92	2.07	0.44	0.17	0.40
20195	3085.4	8261.2	1480.0	96.00	2.85	0.53	0.17	0.45
20196	3083.8	8262.2	1480.0	97.20	1.98	0.47	0.11	0.24
20197	3083.9	8264.3	1480.0	97.12	1.93	0.47	0.15	0.33
20198	3086.2	8264.1	1480.0	96.92	2.12	0.51	0.14	0.31
20199	3088.6	8263.9	1480.0	97.10	1.97	0.47	0.15	0.31
20200	3090.9	8263.6	1480.0	91.85	6.40	0.94	0.21	0.60
20201	3093.2	8263.4	1480.0	97.33	1.80	0.52	0.10	0.25
20202	3093.1	8266.2	1480.0	96.85	2.35	0.49	0.08	0.23
20203	3090.9	8266.2	1480.0	88.76	9.70	0.55	0.28	0.71
20204	3088.6	8266.3	1480.0	95.72	3.07	0.47	0.21	0.53
20205	3086.2	8266.4	1480.0	97.27	1.80	0.48	0.14	0.31
20206	3084.0	8266.5	1480.0	97.27	1.75	0.59	0.11	0.28
20207	3084.1	8268.7	1480.0	97.39	1.64	0.50	0.13	0.34
20208	3086.3	8268.4	1480.0	97.32	1.76	0.58	0.09	0.25
20209	3088.5	8268.2	1480.0	93.87	5.32	0.40	0.11	0.30
20210	3090.7	8267.9	1480.0	96.68	2.33	0.45	0.18	0.36
20211	3093.5	8180.9	1480.0	97.04	1.85	0.54	0.21	0.36
20212	3093.6	8183.3	1480.0	96.99	1.91	0.59	0.20	0.31
20213	3093.8	8185.7	1480.0	97.05	1.87	0.49	0.22	0.37
20214	3094.0	8188.1	1480.0	96.83	2.00	0.59	0.23	0.35
20215	3094.2	8190.6	1480.0	97.53	1.61	0.46	0.17	0.23
20216	3094.3	8193.0	1480.0	97.38	1.72	0.50	0.16	0.24
20217	3094.5	8195.4	1480.0	97.04	1.61	0.59	0.32	0.44
20218	3092.2	8195.7	1480.0	97.17	1.78	0.63	0.18	0.24
20219	3092.0	8193.3	1480.0	96.94	1.89	0.66	0.25	0.26
20220	3091.8	8190.9	1480.0	95.63	3.22	0.59	0.15	0.41

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
20221	3091.6	8188.4	1480.0	97.25	1.71	0.57	0.28	0.19
20222	3091.5	8186.0	1480.0	94.64	4.06	0.58	0.28	0.44
20223	3091.3	8183.6	1480.0	91.93	7.00	0.56	0.17	0.34
20224	3091.1	8181.1	1480.0	90.04	8.40	0.66	0.31	0.59
20225	3089.0	8183.8	1480.0	88.94	9.30	0.56	0.47	0.73
20226	3089.1	8186.3	1480.0	94.65	3.84	0.67	0.31	0.53
20227	3089.3	8188.7	1480.0	96.74	2.10	0.60	0.19	0.37
20228	3089.5	8191.1	1480.0	96.77	2.20	0.66	0.14	0.23
20229	3089.6	8193.6	1480.0	97.55	1.66	0.49	0.12	0.18
20230	3089.8	8196.0	1480.0	96.06	2.42	0.92	0.05	0.55
20231	3094.5	8197.8	1480.0	97.20	1.70	0.54	0.21	0.35
20232	3088.8	8181.4	1480.0	95.12	2.72	0.80	0.46	0.90
20251	2921.6	8070.6	1378.0	97.55	1.69	0.55	0.06	0.15
20252	2920.9	8073.4	1378.0	97.60	1.64	0.48	0.08	0.20
20253	2920.6	8075.5	1378.0	97.55	1.82	0.48	0.16	0.39
20254	2922.6	8077.9	1378.0	97.84	1.38	0.54	0.08	0.16
20255	2922.9	8075.7	1378.0	97.48	1.44	0.53	0.16	0.39
20256	2923.1	8073.6	1378.0	97.00	2.20	0.54	0.08	0.18
20257	2923.9	8070.7	1378.0	97.91	1.43	0.54	0.04	0.08
20258	2926.2	8070.8	1378.0	97.38	1.44	0.54	0.19	0.45
20259	2925.4	8073.8	1378.0	97.32	1.55	0.53	0.25	0.35
20260	2925.1	8076.0	1378.0	97.56	1.60	0.55	0.10	0.19
20261	2924.9	8078.1	1378.0	97.75	1.35	0.55	0.11	0.24
20262	2927.4	8076.2	1378.0	97.52	1.60	0.53	0.11	0.24
20263	2927.7	8074.0	1378.0	97.57	1.50	0.51	0.12	0.30
20264	2928.6	8070.9	1378.0	95.82	3.38	0.53	0.09	0.18
20265	2927.1	8078.4	1378.0	98.03	1.20	0.52	0.10	0.15
20266	2929.3	8078.6	1378.0	97.27	1.96	0.56	0.08	0.13
20267	2931.6	8078.9	1378.0	97.87	1.32	0.55	0.09	0.17
20268	2933.8	8079.1	1378.0	97.78	1.47	0.55	0.08	0.12
20269	2931.9	8076.6	1378.0	97.01	2.21	0.54	0.09	0.15
20270	2929.6	8076.4	1378.0	95.33	3.93	0.52	0.09	0.13
20271	2932.2	8074.4	1378.0	91.70	7.50	0.59	0.09	0.12
20272	2934.8	8072.4	1378.0	95.24	4.10	0.50	0.06	0.10
20273	2932.7	8071.9	1378.0	94.24	5.15	0.49	0.05	0.07
20274	2930.6	8071.4	1378.0	96.33	2.97	0.51	0.08	0.11
20275	2932.8	8070.9	1378.0	97.49	1.85	0.45	0.09	0.12
20276	2934.9	8071.5	1378.0	97.20	2.13	0.49	0.08	0.10
20277	2919.2	8070.5	1378.0	97.36	1.88	0.54	0.08	0.14
20278	2918.6	8073.2	1378.0	95.95	2.54	0.62	0.28	0.61
20279	2918.4	8075.3	1378.0	97.37	1.86	0.51	0.07	0.19
20280	2918.2	8077.4	1378.0	97.35	1.78	0.50	0.12	0.25
20281	2915.9	8077.2	1378.0	91.87	7.25	0.42	0.15	0.31
20282	2916.2	8075.1	1378.0	91.84	7.50	0.42	0.06	0.18
20283	2916.4	8073.0	1378.0	97.36	1.68	0.50	0.12	0.34
20284	2916.9	8070.5	1378.0	96.19	2.91	0.53	0.11	0.26
20285	2914.6	8070.4	1378.0	95.66	2.94	0.58	0.19	0.63
20286	2912.2	8070.3	1378.0	97.82	1.48	0.47	0.07	0.16
20287	2911.9	8072.5	1378.0	98.16	1.25	0.42	0.06	0.11
20288	2911.7	8074.6	1378.0	97.92	1.30	0.46	0.11	0.21
20289	2911.5	8076.7	1378.0	97.34	1.32	0.45	0.22	0.67
20290	2909.3	8076.4	1378.0	98.03	1.31	0.50	0.05	0.11
20291	2909.4	8074.4	1378.0	97.92	1.48	0.42	0.05	0.13
20292	2909.6	8072.3	1378.0	97.32	1.67	0.74	0.08	0.19
20293	2909.9	8070.2	1378.0	96.82	1.62	1.23	0.09	0.24

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
20294	2907.5	8070.1	1378.0	97.76	1.19	0.72	0.11	0.22
20295	2907.4	8072.1	1378.0	97.86	1.03	0.73	0.11	0.27
20296	2907.2	8074.2	1378.0	95.79	1.65	1.02	0.35	1.19
20300	2932.9	8081.0	1378.0	97.92	1.39	0.50	0.07	0.12
20301	2930.8	8080.9	1378.0	97.89	1.32	0.51	0.11	0.17
20302	2928.6	8080.6	1378.0	97.17	2.07	0.50	0.08	0.18
20303	2926.4	8080.6	1378.0	98.06	1.22	0.45	0.08	0.19
20304	2924.2	8080.4	1378.0	96.50	2.11	0.45	0.31	0.63
20305	2922.0	8080.3	1378.0	97.59	1.48	0.48	0.14	0.31
20306	2919.8	8080.1	1378.0	98.38	1.07	0.40	0.05	0.10
20307	2917.5	8080.1	1378.0	97.98	1.38	0.46	0.06	0.12
20308	2917.6	8081.2	1378.0	94.07	5.14	0.46	0.10	0.23
20309	2919.7	8081.4	1378.0	98.02	1.36	0.41	0.06	0.15
20310	2921.9	8081.5	1378.0	98.02	1.25	0.42	0.08	0.23
20311	2924.1	8081.7	1378.0	97.84	1.34	0.47	0.09	0.26
20312	2926.3	8081.8	1378.0	97.47	1.45	0.48	0.17	0.43
20313	2928.4	8082.0	1378.0	97.49	1.60	0.49	0.12	0.30
20314	2930.6	8082.1	1378.0	96.49	1.85	0.57	0.37	0.72
20315	2932.8	8082.3	1378.0	97.88	1.26	0.53	0.08	0.25
20316	2932.5	8084.3	1378.0	97.98	1.28	0.43	0.08	0.23
20317	2930.4	8084.1	1378.0	98.11	1.25	0.44	0.05	0.15
20318	2928.2	8083.9	1378.0	97.56	1.41	0.49	0.14	0.40
20319	2926.1	8083.8	1378.0	98.02	1.20	0.42	0.11	0.25
20320	2924.0	8083.6	1378.0	98.03	1.20	0.44	0.09	0.24
20321	2921.9	8083.4	1378.0	98.06	1.21	0.45	0.08	0.20
20322	2919.7	8083.2	1378.0	96.84	2.51	0.45	0.05	0.15
20323	2919.7	8085.1	1378.0	97.77	1.22	0.61	0.07	0.33
20324	2921.8	8085.3	1378.0	98.26	1.00	0.52	0.07	0.15
20325	2923.9	8085.5	1378.0	98.20	1.17	0.43	0.05	0.15
20326	2926.0	8085.7	1378.0	98.56	0.86	0.38	0.06	0.14
20327	2928.1	8085.9	1378.0	97.73	1.47	0.60	0.06	0.14
20328	2930.1	8086.1	1378.0	98.22	1.14	0.46	0.06	0.12
20329	2932.2	8086.3	1378.0	97.83	1.41	0.47	0.09	0.20
20330	2931.9	8088.4	1378.0	93.51	5.80	0.45	0.08	0.16
20331	2929.9	8088.1	1378.0	95.44	3.66	0.62	0.09	0.19
20332	2927.9	8087.9	1378.0	69.44	29.00	0.52	0.30	0.74
20333	2925.8	8087.7	1378.0	84.32	14.00	0.63	0.30	0.75
20334	2923.8	8087.4	1378.0	97.69	1.48	0.60	0.05	0.18
20335	2921.8	8087.2	1378.0	98.25	1.01	0.53	0.06	0.15
20336	2919.8	8086.9	1378.0	98.16	1.04	0.65	0.05	0.10
20337	2917.6	8083.0	1378.0	98.47	0.90	0.46	0.06	0.11
20338	2917.7	8084.9	1378.0	98.10	1.13	0.60	0.05	0.12
20339	2917.7	8086.7	1378.0	98.16	1.09	0.50	0.09	0.16
20340	2915.2	8079.8	1378.0	97.56	1.70	0.46	0.07	0.21
20341	2915.4	8081.1	1378.0	98.27	1.05	0.48	0.07	0.13
20342	2915.5	8082.9	1378.0	98.27	1.01	0.53	0.07	0.12
20343	2915.6	8084.6	1378.0	98.21	1.02	0.63	0.05	0.09
20344	2915.7	8086.5	1378.0	98.03	1.18	0.62	0.06	0.11
20345	2913.7	8086.2	1378.0	97.92	1.20	0.64	0.08	0.16
20346	2913.5	8084.4	1378.0	97.95	1.14	0.67	0.08	0.16
20347	2913.4	8082.7	1378.0	98.01	1.18	0.60	0.07	0.14
20348	2913.2	8080.9	1378.0	98.00	1.17	0.61	0.08	0.14
20349	2913.1	8079.7	1378.0	97.80	1.36	0.53	0.11	0.20
20350	2910.8	8079.9	1378.0	98.04	1.25	0.47	0.09	0.15
20351	2911.6	8086.0	1378.0	97.93	1.06	0.74	0.08	0.19

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
20352	2911.4	8084.2	1378.0	97.67	1.29	0.68	0.15	0.21
20353	2911.0	8081.4	1378.0	96.30	1.22	1.66	0.22	0.60
20354	2911.2	8082.5	1378.0	97.40	1.43	0.80	0.08	0.29
20355	2908.7	8079.3	1378.0	97.21	1.28	0.53	0.25	0.73
20356	2908.9	8080.6	1378.0	97.70	1.04	0.53	0.19	0.54
20357	2909.1	8082.3	1378.0	97.10	1.17	1.05	0.18	0.50
20358	2909.4	8084.0	1378.0	97.56	1.21	0.44	0.15	0.64
20359	2909.6	8085.7	1378.0	97.95	1.26	0.44	0.07	0.28
20360	2907.6	8085.5	1378.0	98.26	0.95	0.61	0.02	0.16
20361	2907.3	8084.0	1378.0	98.36	1.02	0.43	0.03	0.16
20362	2907.1	8082.5	1378.0	98.38	1.00	0.41	0.03	0.18
20363	2906.8	8081.0	1378.0	97.58	1.49	0.53	0.11	0.29
20364	2906.5	8079.5	1378.0	97.23	1.70	0.54	0.15	0.38
20365	2904.8	8078.8	1378.0	97.85	1.19	0.58	0.07	0.31
20366	2905.1	8080.3	1378.0	97.78	1.22	0.55	0.11	0.34
20367	2905.2	8082.3	1378.0	97.93	1.31	0.47	0.06	0.23
20368	2905.4	8083.8	1378.0	98.24	1.04	0.38	0.08	0.26
20369	2905.6	8085.3	1378.0	95.93	2.32	0.93	0.29	0.53
20370	2903.6	8085.0	1378.0	95.32	2.66	0.92	0.44	0.66
20371	2903.5	8083.6	1378.0	95.16	2.34	1.03	0.64	0.83
20372	2903.4	8082.1	1378.0	95.87	2.34	0.69	0.43	0.67
20373	2902.8	8078.1	1378.0	95.82	1.59	1.34	0.54	0.71
20374	2902.7	8079.6	1378.0	92.84	2.30	2.91	0.72	1.23
20375	2901.6	8080.6	1378.0	91.06	4.25	1.55	0.96	2.18
20376	2901.6	8081.9	1378.0	94.85	1.71	1.26	0.85	1.33
20377	2901.6	8083.3	1378.0	94.91	1.58	1.13	0.90	1.48
20378	2901.5	8084.8	1378.0	93.88	2.26	1.78	0.73	1.35
20379	2899.5	8084.5	1378.0	95.70	1.77	0.94	0.56	1.03
20380	2899.7	8083.1	1378.0	95.96	1.42	0.93	0.60	1.09
20381	2899.9	8081.7	1378.0	93.14	1.46	3.40	0.51	1.49
20382	2900.0	8080.3	1378.0	94.22	2.06	1.08	0.81	1.83
20383	2900.2	8078.9	1378.0	93.55	2.70	0.82	0.91	2.02
20384	2900.4	8077.5	1378.0	94.28	1.97	0.89	0.90	1.96
20385	2899.5	8077.6	1378.0	93.55	2.74	0.89	0.88	1.94
20386	2899.4	8078.2	1378.0	94.52	1.80	1.12	0.70	1.86
20387	2899.0	8079.7	1378.0	94.76	1.95	0.86	0.85	1.58
20388	2898.7	8081.3	1378.0	96.00	1.52	0.71	0.67	1.10
20389	2898.4	8082.9	1378.0	96.61	1.45	0.73	0.48	0.73
20390	2898.1	8084.4	1378.0	97.16	1.27	0.74	0.28	0.55
20551	3119.1	8159.3	1486.0	96.08	3.26	0.48	0.09	0.09
20552	3117.8	8159.5	1486.0	95.69	3.51	0.48	0.13	0.19
20553	3115.2	8159.8	1486.0	96.55	2.59	0.49	0.16	0.21
20554	3112.6	8160.1	1486.0	97.57	1.79	0.49	0.07	0.08
20555	3111.9	8157.8	1486.0	97.55	1.80	0.50	0.06	0.09
20556	3114.4	8157.5	1486.0	97.38	1.76	0.46	0.16	0.24
20557	3116.9	8157.2	1486.0	96.30	2.74	0.51	0.15	0.30
20560	3107.6	8158.3	1486.0	96.87	2.34	0.52	0.11	0.16
20561	3106.9	8156.1	1486.0	97.10	2.23	0.51	0.08	0.08
20562	3109.1	8155.7	1486.0	97.09	2.23	0.52	0.07	0.09
20563	3111.3	8155.5	1486.0	97.42	1.88	0.51	0.09	0.10
20564	3113.7	8155.3	1486.0	96.40	2.54	0.49	0.25	0.32
20565	3115.9	8155.0	1486.0	97.45	1.87	0.44	0.11	0.13
20566	3115.0	8152.7	1486.0	96.28	2.86	0.44	0.16	0.26
20567	3113.0	8153.0	1486.0	97.23	1.90	0.59	0.09	0.19
20568	3110.7	8153.2	1486.0	95.68	3.15	0.60	0.21	0.36

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
20570	3107.7	8151.2	1486.0	96.43	2.18	0.60	0.30	0.49
20571	3110.0	8150.9	1486.0	96.03	2.67	0.61	0.21	0.48
20572	3112.3	8150.8	1486.0	96.65	2.17	0.54	0.23	0.41
20573	3114.1	8150.5	1486.0	94.80	3.64	0.62	0.30	0.64
20574	3111.5	8148.5	1486.0	96.85	2.18	0.48	0.18	0.31
20575	3109.4	8148.6	1486.0	96.98	2.37	0.45	0.07	0.13
20576	3107.1	8149.0	1486.0	96.55	2.31	0.64	0.19	0.31
20577	3104.6	8149.4	1486.0	96.89	1.79	0.65	0.27	0.40
20578	3103.2	8149.7	1486.0	97.00	2.03	0.59	0.13	0.25
20579	3102.1	8147.6	1486.0	97.74	1.48	0.45	0.11	0.22
20580	3103.8	8147.1	1486.0	97.81	1.55	0.45	0.08	0.11
20581	3106.3	8146.6	1486.0	97.14	1.81	0.61	0.18	0.26
20582	3108.7	8146.3	1486.0	95.89	2.87	0.52	0.27	0.45
20583	3110.8	8146.3	1486.0	97.27	1.79	0.62	0.15	0.17
20584	3108.1	8144.0	1486.0	96.58	2.09	0.57	0.30	0.46
20585	3105.4	8144.4	1486.0	96.53	2.01	0.54	0.36	0.56
20586	3103.1	8144.9	1486.0	97.67	1.62	0.44	0.12	0.15
20587	3101.0	8145.5	1486.0	95.97	2.88	0.54	0.22	0.39
20588	3100.4	8145.9	1486.0	96.44	1.92	0.63	0.37	0.64
20589	3099.9	8143.4	1486.0	92.14	5.00	0.76	0.69	1.41
20590	3102.3	8142.7	1486.0	93.93	3.85	0.66	0.46	1.10
20591	3104.7	8142.1	1486.0	98.15	1.17	0.44	0.07	0.17
20592	3106.1	8142.5	1486.0	96.44	2.18	0.56	0.25	0.57
20593	3105.6	8139.7	1486.0	91.77	6.50	0.61	0.38	0.74
20594	3103.4	8140.3	1486.0	88.94	9.25	0.57	0.41	0.83
20595	3101.3	8141.0	1486.0	93.47	5.25	0.52	0.25	0.51
20596	3099.1	8141.7	1486.0	86.50	11.00	0.67	0.60	1.23
20601	3097.1	8246.1	1480.0	97.27	1.88	0.49	0.12	0.24
20602	3097.1	8243.6	1480.0	96.94	1.71	0.56	0.19	0.60
20603	3097.1	8241.2	1480.0	97.34	1.59	0.54	0.17	0.36
20604	3097.1	8236.2	1480.0	96.78	1.50	0.61	0.39	0.72
20605	3097.1	8233.7	1480.0	97.50	1.41	0.55	0.20	0.34
20606	3097.1	8231.3	1480.0	96.95	1.63	0.57	0.24	0.61
20607	3098.3	8231.3	1480.0	96.28	1.88	0.54	0.42	0.88
20608	3098.4	8233.8	1480.0	96.40	1.60	0.74	0.40	0.86
20609	3098.5	8236.2	1480.0	96.99	1.30	0.80	0.27	0.64
20610	3098.6	8238.7	1480.0	97.04	1.52	0.65	0.24	0.55
20611	3098.7	8241.1	1480.0	97.31	1.37	0.52	0.19	0.61
20612	3098.8	8243.5	1480.0	97.27	1.30	0.51	0.27	0.65
20613	3098.9	8246.0	1480.0	96.60	2.12	0.60	0.19	0.49
20614	3101.5	8246.1	1480.0	96.89	1.82	0.53	0.29	0.47
20615	3101.4	8243.6	1480.0	97.33	1.33	0.52	0.31	0.51
20616	3101.2	8241.1	1480.0	96.98	1.58	0.55	0.32	0.57
20617	3101.1	8238.6	1480.0	96.19	1.82	0.55	0.39	1.05
20618	3101.0	8236.0	1480.0	97.18	1.51	0.50	0.29	0.52
20619	3100.9	8233.5	1480.0	97.21	1.61	0.57	0.22	0.39
20620	3100.7	8231.0	1480.0	95.81	2.98	0.62	0.05	0.54
20621	3100.6	8228.5	1480.0	96.96	1.77	0.50	0.23	0.54
20622	3100.5	8226.0	1480.0	97.04	1.75	0.51	0.31	0.39
20623	3100.4	8223.5	1480.0	97.31	1.48	0.48	0.34	0.39
20624	3098.0	8224.0	1480.0	96.95	1.39	0.63	0.43	0.60
20625	3098.1	8226.4	1480.0	96.94	1.73	0.45	0.33	0.55
20626	3098.2	8228.9	1480.0	96.91	1.34	0.47	0.54	0.74
20627	3097.1	8228.8	1480.0	97.04	1.31	0.55	0.41	0.69
20628	3097.1	8226.3	1480.0	96.32	1.98	0.46	0.47	0.77

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
20629	3097.1	8223.8	1480.0	96.14	2.18	0.44	0.44	0.80
20630	2885.2	8007.7	1378.0	96.70	2.06	0.59	0.21	0.44
20631	2885.4	8005.4	1378.0	96.78	1.77	0.44	0.29	0.72
20632	2885.6	8003.0	1378.0	98.13	1.14	0.37	0.11	0.25
20633	2885.7	8000.7	1378.0	97.29	1.75	0.37	0.19	0.40
20634	2885.9	7998.3	1378.0	96.66	2.30	0.42	0.17	0.45
20635	2886.1	7995.9	1378.0	97.80	1.34	0.38	0.16	0.32
20636	2886.3	7993.6	1378.0	97.36	1.61	0.40	0.22	0.41
20637	2888.6	7993.9	1378.0	97.72	1.53	0.39	0.12	0.24
20638	2888.4	7996.2	1378.0	98.23	1.06	0.41	0.09	0.21
20639	2888.3	7998.6	1378.0	98.04	1.10	0.45	0.13	0.28
20640	2888.1	8000.9	1378.0	97.76	1.35	0.39	0.14	0.36
20641	2887.9	8003.3	1378.0	98.11	0.93	0.51	0.13	0.32
20642	2887.8	8005.6	1378.0	97.90	1.05	0.38	0.20	0.47
20643	2890.2	8005.8	1378.0	97.91	1.15	0.52	0.12	0.30
20644	2890.3	8003.5	1378.0	98.08	1.12	0.49	0.10	0.21
20645	2890.6	7998.8	1378.0	98.08	1.03	0.55	0.10	0.24
20646	2890.8	7996.5	1378.0	97.69	1.27	0.40	0.20	0.44
20647	2890.9	7994.2	1378.0	96.82	2.41	0.37	0.13	0.27
20648	2893.3	7994.5	1378.0	97.81	1.38	0.42	0.13	0.26
20649	2893.1	7996.8	1378.0	97.86	1.67	0.33	0.04	0.10
20650	2893.0	7999.1	1378.0	97.31	2.14	0.36	0.07	0.12
20651	2892.9	8001.4	1378.0	98.03	1.12	0.45	0.12	0.28
20652	2895.1	8004.0	1378.0	97.45	1.37	0.57	0.18	0.43
20653	2895.3	8001.7	1378.0	96.93	1.49	0.64	0.27	0.67
20654	2895.4	7999.4	1378.0	98.47	0.91	0.38	0.08	0.16
20655	2895.5	7997.1	1378.0	98.31	1.01	0.38	0.09	0.21
20656	2895.6	7994.8	1378.0	96.22	3.16	0.34	0.07	0.21
20657	2897.9	7995.1	1378.0	97.62	1.31	0.58	0.11	0.38
20658	2897.8	7997.4	1378.0	97.86	1.24	0.57	0.08	0.25
20659	2897.7	7999.7	1378.0	98.54	0.96	0.38	0.04	0.08
20660	2897.6	8002.0	1378.0	97.46	1.13	0.64	0.22	0.55
20661	2897.6	8004.3	1378.0	97.27	1.09	0.50	0.29	0.85
20701	3101.0	8250.0	1480.0	97.10	1.56	0.49	0.25	0.60
20702	3101.1	8252.4	1480.0	96.88	1.37	0.50	0.41	0.84
20703	3101.2	8254.8	1480.0	97.18	1.37	0.49	0.27	0.69
20704	3101.4	8257.2	1480.0	97.89	1.16	0.48	0.14	0.33
20705	3101.5	8259.5	1480.0	97.34	1.61	0.50	0.18	0.37
20706	3101.6	8261.9	1480.0	97.48	1.19	0.45	0.28	0.60
20707	3101.8	8264.3	1480.0	96.70	1.80	0.50	0.30	0.70
20708	3101.9	8266.7	1480.0	96.35	1.92	0.47	0.41	0.85
20709	3099.2	8266.5	1480.0	96.85	1.90	0.47	0.21	0.57
20710	3099.1	8264.2	1480.0	96.75	1.79	0.49	0.28	0.69
20711	3098.9	8261.8	1480.0	97.55	1.30	0.43	0.19	0.53
20712	3098.8	8259.4	1480.0	96.41	2.73	0.53	0.10	0.23
20713	3098.6	8257.0	1480.0	97.10	1.75	0.49	0.20	0.46
20714	3098.5	8254.7	1480.0	97.79	1.30	0.54	0.16	0.21
20715	3098.3	8252.3	1480.0	96.79	1.66	0.53	0.38	0.64
20716	3098.2	8249.9	1480.0	96.58	1.69	0.56	0.38	0.79
20717	3095.3	8249.8	1480.0	96.31	1.69	0.53	0.42	1.05
20718	3095.5	8252.2	1480.0	97.69	1.29	0.54	0.15	0.33
20719	3095.7	8254.6	1480.0	96.25	2.12	0.53	0.29	0.81
20720	3095.9	8256.9	1480.0	96.99	1.92	0.54	0.17	0.38
20721	3096.1	8259.3	1480.0	96.82	1.65	0.55	0.36	0.62
20722	3096.2	8261.7	1480.0	96.38	1.64	0.51	0.59	0.88

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
20723	3096.4	8264.0	1480.0	97.46	1.71	0.51	0.12	0.20
20724	3096.6	8266.4	1480.0	97.09	1.89	0.50	0.17	0.35
20751	3100.9	8200.2	1480.0	97.22	2.15	0.48	0.06	0.09
20752	3101.1	8202.6	1480.0	96.14	2.89	0.55	0.14	0.28
20753	3101.3	8205.0	1480.0	96.98	1.92	0.55	0.26	0.29
20754	3101.5	8207.3	1480.0	96.78	1.85	0.45	0.38	0.54
20755	3101.9	8212.1	1480.0	95.96	2.54	0.94	0.23	0.33
20756	3102.1	8214.5	1480.0	96.33	1.92	0.74	0.42	0.59
20757	3102.3	8216.9	1480.0	94.82	1.96	1.95	0.48	0.79
20758	3102.5	8219.3	1480.0	96.10	2.33	0.68	0.32	0.57
20759	3100.7	8219.6	1480.0	96.11	2.40	0.66	0.30	0.53
20760	3100.0	8217.5	1480.0	94.92	3.74	0.65	0.27	0.42
20761	3099.4	8215.3	1480.0	95.44	3.22	0.69	0.27	0.38
20762	3099.3	8212.9	1480.0	95.71	2.82	0.61	0.35	0.51
20763	3099.2	8210.5	1480.0	95.82	2.93	0.61	0.25	0.39
20764	3099.0	8205.6	1480.0	96.97	2.01	0.57	0.19	0.26
20765	3098.9	8200.8	1480.0	97.35	1.75	0.58	0.14	0.18
20776	3102.6	8269.0	1480.0	97.50	1.43	0.44	0.26	0.37
20777	3103.1	8267.1	1480.0	97.01	1.26	0.47	0.42	0.84
20778	3103.4	8264.3	1480.0	97.06	1.55	0.43	0.34	0.62
20779	3103.6	8261.5	1480.0	97.34	1.24	0.46	0.32	0.64
20780	3103.9	8258.7	1480.0	97.50	1.39	0.46	0.24	0.41
20781	3104.1	8255.9	1480.0	97.50	1.34	0.50	0.27	0.39
20782	3104.3	8253.1	1480.0	97.29	1.25	0.47	0.36	0.63
20783	3106.6	8253.2	1480.0	97.23	1.46	0.45	0.32	0.54
20784	3106.5	8255.9	1480.0	96.58	1.65	0.48	0.40	0.89
20785	3106.4	8258.6	1480.0	96.76	1.67	0.44	0.47	0.66
20786	3106.2	8261.2	1480.0	95.92	1.60	0.42	0.77	1.29
20787	3106.1	8263.9	1480.0	97.32	1.54	0.41	0.31	0.42
20788	3106.0	8266.6	1480.0	97.39	1.41	0.42	0.32	0.46
20789	3106.4	8268.6	1480.0	96.24	2.23	0.45	0.46	0.62
20790	3110.1	8268.2	1480.0	88.22	9.70	0.52	0.57	0.99
20791	3108.8	8266.1	1480.0	96.30	2.12	0.45	0.38	0.75
20792	3108.8	8263.5	1480.0	96.88	1.81	0.49	0.33	0.49
20793	3108.9	8261.0	1480.0	96.58	1.97	0.50	0.37	0.58
20794	3108.9	8258.4	1480.0	96.64	2.18	0.66	0.20	0.32
20795	3108.9	8255.9	1480.0	96.54	2.40	0.55	0.16	0.35
20796	3108.9	8253.3	1480.0	97.21	1.82	0.54	0.18	0.25
20797	3111.2	8253.5	1480.0	95.94	2.04	0.63	0.62	0.77
20798	3111.3	8255.9	1480.0	96.06	1.88	0.61	0.56	0.89
20799	3111.4	8258.3	1480.0	95.74	1.81	1.13	0.46	0.86
20800	3111.5	8260.7	1480.0	96.62	1.62	0.61	0.51	0.64
20801	3111.6	8263.1	1480.0	96.71	1.82	0.55	0.35	0.57
20802	3111.7	8265.6	1480.0	96.43	2.40	0.60	0.21	0.36
20803	3113.9	8267.8	1480.0	91.25	7.10	0.69	0.32	0.64
20804	3113.6	8265.8	1480.0	95.30	2.83	0.62	0.45	0.80
20805	3113.6	8263.3	1480.0	95.04	2.60	0.60	0.54	1.22
20806	3113.5	8260.9	1480.0	96.04	1.92	0.61	0.46	0.97
20807	3113.5	8258.5	1480.0	96.02	1.83	0.58	0.53	1.04
20808	3113.5	8256.1	1480.0	96.01	1.63	0.73	0.68	0.95
20809	3113.5	8253.6	1480.0	96.19	1.61	0.59	0.66	0.95
20810	3115.8	8253.8	1480.0	97.13	1.58	0.71	0.21	0.37
20811	3115.7	8256.2	1480.0	96.20	1.99	0.64	0.43	0.74
20812	3115.7	8258.7	1480.0	96.77	1.54	0.57	0.41	0.71
20813	3115.6	8261.1	1480.0	96.90	1.55	0.57	0.36	0.62

SAMPLE	EAST	NORTH	ELEV.	MgO	CaO	Fe_2O_3	Al_2O_3	SiO_2
20814	3115.6	8263.5	1480.0	96.35	1.85	0.54	0.49	0.77
20815	3115.5	8266.0	1480.0	93.15	4.10	0.55	0.86	1.34
20816	3117.8	8258.7	1480.0	96.80	2.02	0.53	0.23	0.42
20817	3117.7	8263.6	1480.0	97.19	1.83	0.52	0.14	0.32
20818	3117.8	8261.1	1480.0	97.10	1.87	0.69	0.13	0.21
20819	3117.9	8256.3	1480.0	96.98	1.84	0.63	0.23	0.32
20820	3118.1	8253.9	1480.0	97.14	1.80	0.65	0.14	0.27
20821	3120.4	8254.1	1480.0	96.47	2.30	0.62	0.23	0.38
20822	3120.2	8256.5	1480.0	96.14	2.71	0.66	0.18	0.31
20823	3120.0	8258.9	1480.0	95.72	2.63	1.00	0.23	0.42
20824	3119.8	8261.2	1480.0	97.22	1.81	0.66	0.10	0.21
20825	3119.6	8263.7	1480.0	86.18	12.70	0.57	0.22	0.33