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**BAYMAG MINES CO. LIMITED**

*2003 GEOLOGICAL REPORT*

**GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT**

27,295

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## **BLASTHOLE ANALYSIS**

- Consisted of the assaying of 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 Inc.**

**AUTHORS: Chris Pilarski**

**DATE SUBMITTED: November 30, 2003**

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## **1.0 INTRODUCTION**

### **1.1 Location and Access**

The Mount Brussilof Magnesite Mine is located within Mining Lease M31, immediately north of the confluence of the Mitchell River and Assiniboine Creek approximately 35 km north-east of Radium Hot Springs in the East Kootenay District of British Columbia. (See Figure # 1, "Location Map") The property is crossed by latitude 50°47'N and longitude 115° 41'W.

Access to the mine site is by Provincial Highway 93 to Settlers Road in Kootenay National Park. Settlers Road leads south-east along the valley of the Kootenay River. At a distance of 12 kilometres the Palliser road turns east off Settlers Road to the 14 km mark. The Cross River road trends north-east along the south side of the Cross River Valley to the 32 km mark. The Mitchell River road turns northward toward the mine at the 38 km mark. (See Figure # 2, "Regional Location Map")

The gravel road, which is maintained year round by Baymag, is 38 km in length from the highway to the mine site.

### **1.2 Previous Work**

The current property is comprised of 461 contiguous claims in the Golden Mining Division. (See Figure #3, "Baymag Claims Map")

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 that 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 fieldwork in 1969 to 1970 that 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 1975 a 250 m.t bulk sample was shipped to Refratechnik, a major German producer of refractory products, who showed interest in securing a raw material source. Crushed material was then forwarded to the research and manufacturing companies of KHD, Lurgi, and Polysius for research into developing a modern technology for calcining and dead-burning Mt. Brussilof type ore.

In 1979 Baymag Mines Co. Limited, a subsidiary of Refratechnik GmbH of West Germany, contracted Techman Ltd. and Kilbom Engineering (B.C.) Ltd. to re-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 (now mine lease M31) and shipped to a crusher to be reduced to a minus 10 millimetre 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 totalling 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 drill hole program was conducted in 1990 with the goal of delineating zones of contamination near the little explored upper pit area. A total of 370 meters was drilled, sampled and assayed. It became evident that these localized contamination zones greatly influence the direction of pit development. Future drill and assay programs will be targeted toward these structures.

Eight shallow percussion holes were drilled in the summer of 1991 to further delineate the zones of contamination in the north section of the upper pit. A total of 166 m were drilled, logged and assayed.

A diamond-drilling program consisting of 16 holes was drilled in the summer of 1992. A total of 950 m was drilled concentrated in an area immediately north of the upper pit. The program hoped to delineate new reserves and determine future pit development.

A small exploration program was conducted in 1993 on the Bay-21 claim. Three diamond drill holes totalling 182 meters were drilled, logged, sampled and assayed.

At the end of the 1993 exploration program a total of 27 percussion holes and 145 diamond drill holes had been drilled on the property. This brings the total length diamond drilled to 10,280 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 that is run year round and currently produces 200,000 empty of high quality magnesite ore.

### **1.3 Geological Summary of Orebody**

The genesis of the deposit is thought to be replacement of a fine-grained grey dolomite by magnesite with most likely several phases of replacement and/or re-crystallization occurring. The ore is generally white to pale grey in colour and is coarsely crystalline. The orebody is a relatively homogenous high-grade deposit viewed on a large scale. Closer examination, predominantly by chemical analysis, have identified that broad irregular zones of contaminants occur through such forms as veining, in-filling of fractures and within the magnesite matrix itself. The value of these contaminants and the form in which they occur play a key role in determining whether the material is considered as straight ore, complimentary ore, marginal ore or waste.

The components of vein material are generally fine-grained pyrite and/or aphanitic white dolomite. Veins occur as irregularly oriented structures with individual veins swelling to thickness of 10 cm and pinching out to nothing. Some veins, especially pyrite, tend to form in swarms covering areas tens of meters wide.

In-filling of fractures occurs in thickness up to 5 cm and generally occurs as a light brown silty clay material, aphanitic white dolomite or as pyrite. Minor occurrences of palygorskite can sometimes be seen coating fracture walls. The fractures are generally narrow elongated curvi-planar structures with local deviations of strike and dip. An invisible chemical halo often brackets the more visible fracture. These halos pinch and swell in a similar manner as veining but on a larger scale.

The interstitial or in-matrix contaminants are comprised of thin coatings of calcite or dolomite between magnesite crystals or as a simple Ca ion exchange within the crystal lattice itself. This form of contamination is the broadest form, covering areas as wide as 100 meters. With sufficient drilling these areas can now be generally classified in the complimentary and marginal ore types, as contaminant values are usually less than occur in the other forms of contamination.

The competitive market and specific end uses of magnesite place great importance on the chemical specification of the product. Somewhat unique to industrial minerals and magnesite in particular is the requirement of continually meeting a set grade specification without receiving any bonus for surpassing it. Material under spec on the other hand, has a very sharp value cut-off and is essentially valueless mere tenths of a percent below spec. Most, if not all, natural deposits rarely conform to such strict boundaries (e.g. some material within the deposit is above spec, some right at spec and some below.) As a result before mining can be contemplated, a complex and feasible sequence of blending ore quality and ore type have to be determined. The Brussilof deposit is somewhat lucky in this respect in that chemical analysis of the orebody has confirmed that some inverse grade relationships exist. For example, when the ore has iron values above spec the calcium values are often consistently below spec and vice versa. Other similar relationships exist with other element pairs to a lesser degree. Baymag has initiated a complementary ore pile strategy in order to capitalize on this characteristic. Complimentary materials from different blasts are routinely blended together to achieve a uniform product exactly at the spec level thereby optimizing usage of the deposit. (A high iron low calcium blast, which by itself would be waste, is blended with a low iron high calcium blast, which again by itself would be waste resulting in on-spec ore) (The right waste with its correct complimentary waste results in ore)

Results from blasthole assaying in areas of broad contamination enable quality control to design blending scenarios that result in the selective sorting and subsequent salvage of material otherwise destined for the waste dump.

The varying nature of joints' orientation (dip and direction), as well as change in mineral content, the halo effect and the lack of visibility in the floor have made the reliance on chemical analysis crucial.

### **2.1 Purpose**

The main objectives of the blasthole analysis program are:

- To evaluate and model current blasthole rounds and thereby assist quality control at the mine,
- To use collated blastholes by benches to aid in future development decisions.

## 2.2 Methodology

Blastholes are set out in a square grid pattern of 3.66 X 3.66 meters. A percussion drill rig "Scout 700", manufactured by Tamrock, is used to drill holes of 10 cm in diameter to a depth of 6 m. The depth of the holes is equivalent to the height of the mine production benches. On average, about 40 to 50 drilled blastholes constitute a round or a blast. After completion of drilling the grid pattern is surveyed so that locations of blastholes are known accurately. Subsequent to drilling and surveying the holes are considered ready for being loaded with explosives and subsequent blasting. As a result of blasting original rock-solid structure of the round is shattered and fragmented. At that point extraction of fragmented material is possible by making use of standard mining equipment.

In the course of drilling about 160 kg of drill cuttings are generated on the contact between a rotating drill bit and solid bedrock. The cuttings are conveyed from the bottom of drill hole to the surface of a production bench via circulation of compressed air that also propels the drill bit.

Approximately 1/100 portion of the drill cuttings is collected as a sample. The sample is deposited in a plastic bag and tagged with a four-digit sample number.

Two samples are picked up from every blasthole. The first one represents a 3 m section that extends from the bench surface to the mid-bench elevation. The second sample that stands for the identical length of 3 meters reaches from the mid-bench down to the bench toe elevation.

Approximately 80 to 100 samples are generated daily from each blasthole round. After being arranged in shipment packages the samples are delivered to Baymag's laboratory in Exshaw. In the lab an assessment of the samples is carried out to determine their chemical composition. The assessment is performed by ICP (Induced Coupled Plasma) spectrophotometer analysis. With a high level of accuracy, the analysis determines a volume of four prominent contamination elements contained within the magnesite ore: calcium oxide (CaO), iron oxide (Fe<sub>2</sub>O<sub>3</sub>), aluminium oxide (Al<sub>2</sub>O<sub>3</sub>), and silicon oxide (SiO<sub>2</sub>). When those figures are determined, a content of MgO - the usable component of the ore - is mathematically calculated.

Chemical assays obtained as a result of the analysis are merged with their associated survey locations and entered in the blasthole module database. The database becomes a basis for resource and grade calculations, statistical analysis, 3-dimension block modelling and interpretation of chemical, mineral and geological zones.

The chemical assays are interpreted in several stages. First, they are used as the primary database for modelling their associated rounds. In this instance geostatistical functions like inverse distance weighting or kriging are utilized in the modelling process. Linear features and zones of contamination can generally be seen as the result of modelling. This information is passed to quality control at the mine to assist in ore extraction.

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 figure # 5, but containing each of the element values (Ca, Fe...) not sample numbers. The plot may consist of up to 100 separate rounds. These blast hole bench plans help in forecasting what the next bench below might bring and how best to plan its extraction. Mine geologists also keep a record of linear and zoned features (joints, faults...). This is important, as these features are very difficult if not impossible to visually be discerned on the pit floor. The feature's trend and co-ordinates can be ascertained from these plans and entered into a survey instrument and its position marked accurately in the field.

## 2.3 Data

During the report period from October 6, 2002 to September 10, 2003, a total of 2240 blasthole samples were collected, analyzed and interpreted from the Upper Pit area of the Mining Lease M31. The samples were taken to facilitate the quality control process at the mine site. The samples were derived from production bench 33, which is defined between crest and toe elevations of 1426 and 1420 meters.

Analytical assays of the blasthole samples provided important information about subsurface conditions covering an area of 8,856 m<sup>2</sup> on the bench. In the course of mining this area generated 159,420 m.t. of material. The assays proved to be instrumental in determining chemical composition and thus quality of the mined material. Depending on that quality the material was classified into one of the following production categories: straight ore, sortable ore, blendable ore, sortable waste and waste.

Different mining and processing techniques were applied thereafter to maximize the output of the usable component from the blendable and sortable categories.

A map is provided herein to show the blasthole locations from which the cuttings were obtained. (Figure # 5, "Plan Map - Sample Locations"). The blasthole assays are grouped by individual blast numbers and then sample numbers. Samples information include: sample number, unit number, easting, northing, elevation and grade values for MgO, CaO, Fe<sub>2</sub>O<sub>3</sub>, Al<sub>2</sub>O<sub>3</sub> and SiO<sub>2</sub>.

## 2.4 Interpretation

In the following interpretation the blasthole data are used as a primary source of information. The data are interpreted from their strictly chemical and thus numeric format into more descriptive, geological and mining form. As such the interpretation uses field observations that, in conjunction with the chemical figures, reveal a comprehensive geological model of the researched area.

Calcium oxide (CaO) is an inherent, although undesirable, component of magnesite ore. The component is contained in a variety of associated minerals and forms from visible to microscopic forms. In all instances an application of the blasthole analyses was an essential technique for an accurate measurement of the CaO volume in various rock products. As such it was applied as an indispensable tool to evaluate grades and production categories of processed raw materials.

On the subjected area of the Mine Lease 31, the blasthole assays have established the limits of three zones showing distinctive CaO contamination levels.

A zone of high calcium content was identified by the blastholes in the central part of the area. The zone proved to be of a remarkably linear shape and orientation trending north/south running parallel to the current Upper Pit high wall. In the scale of the Upper Pit the zone represented a fairly significant size of 80 meters in length and from 1 to 9 meters in width. The zone was exceptionally well delineated and defined by the assays that ranged from 3.00% to 10.00% of CaO.

The assays confirmed the geological nature of the zone as that of a tectonic fracture or a joint. In fact, its presence and vertical continuity throughout three production benches had been documented by earlier blasthole assays and field observations.

The fracture, coded as joint 929, consisted of brown compacted and almost solidified clay that occupied a central part of the joint. Although only 1 to 3 cm thick the clay contained at least 50% CaO and as such posed a serious risk for the ore quality whose maximum CaO level could not exceed 2.20% by volume.

A layer of fine-grained dolomite accompanied the clay. The dolomite was developed on the border between the clay and magnesite ore. The dolomite's thickness varied from 0.25 to 4 cm. Although the dolomite was less abundant in CaO (only about 25%) than the clay, the fact that visually (colour-wise in particular) it looked like the magnesite rock, made it just as dangerous a contaminant as the clay was.



Equally important to the recognition of joint 929 was the identification, strictly by the blast holes, of an extensive halo zone that surrounded the joint. Essentially, the halo consisted of magnesite that was dissected by numerous, closely spaced fractures parallel to the main joint. All the fractures were filled with variable amount of calcium. Their relatively diminutive size made visual recognition practically impossible.

Furthermore, a process of chemical leaching of CaO from the clay and dolomite had supplied additional amount of intermolecular CaO into the adjacent halo zone. Occurring together the above two factors resulted in high CaO saturation that made the zone qualitatively unusable although visually it was not different then the typical ore.

In the above case, the importance of the blasthole analysis is made clear in that it allowed for differentiating chemical variations between materials of similar or identical look.

In addition to joint 929 the drill cuttings confirmed the existence and spatial continuity of joint 924 (parallel to 929) and three east-west trending joints 908, 910 and 988. With the exception of joint 929 whose brown discoloration resulting from brown colour of the clay was traceable in the pit floor, all others were visually indistinguishable.

The second zone clearly identified by the blastholes was located in the south-west section of the researched sector. The zone occupied an area of about 850 m<sup>2</sup>. Chemically it was characterized by consistently elevated and high calcium values ranging from 5.00 % to 8.00 %. This range was coupled with a very even distribution of the contaminant throughout the entire zone. The blasthole assays in this case evidently indicated poor material quality beyond recovery range.

From a mineralogical point of view the zone was contaminated by a very specific formation of the mineral dolomite, in particular white euhedral dolomite crystals of exceptionally large size. Unlike the typical magnesite ore of greyish colour and medium crystalline texture (0.5 cm to 1 cm on average), the above formation showed white coloration and mega-size texture with individual crystals reaching size from 2 to 15 cm in diameter. In addition, the crystals had a tendency to amalgamate and form even larger clusters sizing from 10 to 50 cm.

On the remaining part of the subject area, the calcium content was reported on a relatively acceptable and good level. Although some blasthole readings occasionally showed calcium content reaching 3.00% - 5.00%, the vast majority of the results fall into the narrow range between 1.80% and 2.20%. While the ore of this range was perfectly suited for production of straight or high-grade product, material of higher calcium contamination from 2.20% but not exceeding 3.00% was processed as blendable or sortable ore category.

In this case the blasthole analysis was indispensable in determining chemical differences between diverse ore grades and thus in defining their appropriate processing methods allowing the optimization of use of available ore.

Iron oxide (Fe<sub>2</sub>O<sub>3</sub>) is the second most common impurity that constitutes an important component in the magnesite chemical composition. In general, this component is either integrated in the molecular structure of magnesite as so called background iron or may occur as in form of separate mineral phases. Iron sulphide or pyrite (FeS<sub>2</sub>) and hydrous iron oxide or limonite FeO(OH)nH<sub>2</sub>O are the most prevalent minerals in the deposit that contain iron.

In the researched area, the blasthole analyses have recognized three iron zones of diverse compositional range.

A small waste zone was identified in the southern section of the reported area. The zone that occupied an area of about 300 m<sup>2</sup> contained a profuse mineralization of pyrite (FeS<sub>2</sub>). The mineral occurred in the form of numerous veins and clusters of irregular shape and size. Reported thickness of the veins and sizes of the clusters varied from 1 to 3 cm. The veins appeared to slice the zone in a random manner and did not show any prevalent spatial orientation. The length of a typical pyrite vein was in a range of a couple of meters. This type of heavy concentration of pyrite resulted in iron contamination reaching 1.5% to 2.0% Fe<sub>2</sub>O<sub>3</sub> for the entire zone.

The blasthole assays also intercepted a large zone of elevated iron contamination that was located between joint 929 and the high wall of the Upper Pit. The zone was characterized by iron oxide level ranging from 0.60% to 0.90%  $\text{Fe}_2\text{O}_3$ . The contamination proved to be of an oxidized type and as such was revealed as a large quantity of limonite. The mineral occurred as a loose or crusty material that was filling in numerous fractures and cavities of the area.

The character of contamination and its range prominently contributed in a high recovery of ore from this zone. By application of an intense materials mixing, as part of complimentary ore grades strategy, it was possible to bring the above iron range down to the required levels of 0.55% or 0.80%  $\text{Fe}_2\text{O}_3$ . In practical terms very little waste was caused by iron contamination in this zone because of the ability to blend appropriate complimentary ores. Without the chemical characteristic of the zone that was derived directly from the blasthole analyses, it would not be possible to determine effective ratios for mixing and therefore achieve the required ore quality.

On the remaining part of the reported area the blastholes showed rather inconsistent distribution of iron contamination. The lowest readings were reported on 0.40% of  $\text{Fe}_2\text{O}_3$  while the highest exceeded the 1.00% mark. The latter were found to be of rather low chemical impact since neither their number nor physical size was overly detrimental to otherwise good quality material reported elsewhere on the area.

In addition to the iron and calcium zones the blasthole assays identified several sectors of high or elevated silica  $\text{SiO}_2$  volumes. Assays from these sectors varied from 0.60 to 0.90% of  $\text{SiO}_2$ . Microscopic research has identified quartz and a variety of clay minerals as the source of silica contamination.

## 2.5 Conclusions

- The nature of the Mt. Brussilof Magnesite deposit is homogeneous when looked at in large scale. The ore is generally white to pale grey in colour and is coarsely crystalline. When looked at on a round by round basis however, significant differences in grade may occur with seemingly little or no distinguishable visible characteristics. In these instances the blast hole analysis offer invaluable assistance to:
  - ◆ Precisely define chemical nature as well as the horizontal and vertical extent of numerous and variable contamination zones which can not be identified by application of basic field procedures
  - ◆ Accurately delineate the extent of zones representing the two main ore grade categories as well as abundant zones of complimentary ore grades, which by themselves would be considered as waste, but in the broader strategy of multiple stage ore blending, constitute useful and profitable components
  - ◆ Recognize zones of the deposit containing ore quality exceeding specification limits (called high- and ultra-high grade ore), which after being sorted out as individual entities, are used for upgrading the quality of marginal material that normally does not belong to ore spectrum interval.
- The competitive magnesium oxide market drives the requirement to produce a homogeneous ore between a narrow set of specification limits. The nature of the deposit rarely conforms to such strict chemical boundaries. In respond to this challenge Baymag has developed a complementary ore pile strategy that combines a complex but feasible sequence of ore blending scenarios to optimize the deposit. The blast hole cuttings analyze, with its massive database pertinent to chemical composition of the extracted material, generates a reliable and indispensable basis for an efficient functioning of the strategy and therefore cost-effective exploitation of the deposit.

- The deposit is widely recognized by numerous exploration core holes drilled over a period of many years preceding the mine's start up and following it up to the present time. It is proven that the diamond drilling programs do give valuable information on mine sequencing for mid-term (1-3 years) and long-term (up to 10 years) production planning. However shorter-term ore production scenarios, including accurate daily ore production plans, must be supported by very detailed data from a much more specific source of information than the exploration holes give. The closely spaced blast hole assays fill such gaps by giving a comprehensive and detailed outline of the entire production bench. Only with the details derived from this drilling and assaying can the existence and location of: contamination, transition, grade 1, grade 2, ultra-high grade, high grade, marginal and blendable ore zones be determined and efficiently incorporated into production scheduling procedures. Locations of the zones are marked in the field and then indicated on individual blast maps and given to the hoe operators.
- Results from blast hole assaying in areas of broad low-level contamination enable quality control to design blending scenarios that result in the selective sorting of components that would, by themselves, be waste. The varying nature of the joint orientation as well as change in mineral content, the halo effect and the lack of visibility in the floor have made assay results instrumental in the delineation of otherwise undetectable contamination zones necessary in the modelling process to aid quality control as well as for determining the direction of future development in forthcoming benches.
- In total, the blasthole bench plans of the samples in this report confirm the existence and orientation of three east-west trending and two north-south trending joint in the Upper Pit. Borders of several major calcium and iron zones were also delineated. The orientation and location of these structures, aided by assaying the cuttings, is determined by quality control. The location is marked in the field and then indicated on individual blast maps and given to the hoe operators.
- Chemical analysis of the orebody has confirmed a general trend of inverse relationships existing between various contaminants, in particular, between calcium and iron. Although some areas of the deposit may not entirely correspond with this premise. Areas of low iron/high calcium are blended with complimentary areas (high iron/low calcium) to produce an ore material right on spec.
- The genesis of the deposit is thought to be replacement of dolomite with most likely several phases of replacement and re-crystallization. The result appears to be a visibly homogeneous deposit but chemically much more variable. Bench plans of assayed blast holes will continue to be a much-required tool in planning the development and extraction of the deposit.

### 3.0 ITEMIZED COST STATEMENT

The total costs incurred during the 2002 - 2003 blasthole assaying program were as follows:

**TABLE 3.1 ITEMIZED COSTS**

<b>ITEM</b>	<b>UNIT</b>	<b>UNIT COST</b>	<b>QUANTITY</b>	<b>TOTAL COST</b>
Baymag Lab (Exshaw) MgO, CaO, Fe <sub>2</sub> O <sub>3</sub> , Al <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> October 6, 2002 - September 10, 2003	sample	\$ 60	1141	\$68,460
<b>GRAND TOTAL</b>				<u><u>\$68,460</u></u>

#### **4.0 AUTHORS' QUALIFICATIONS**

**Chris Pilarski, M.Sc. Geology  
Mine Geologist**

**Program supervision, geological interpretation, conclusions and report compilation**



BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SIO2
7600	2966.78	8324.05	1423.0	96.12	3.14	0.48	0.06	0.20
7601	2966.78	8324.05	1420.0	96.94	2.40	0.51	0.05	0.10
7602	2963.15	8323.95	1423.0	96.67	2.41	0.78	0.04	0.10
7604	2959.22	8323.68	1423.0	96.39	3.02	0.43	0.04	0.12
7605	2959.22	8323.68	1420.0	95.49	3.63	0.48	0.09	0.31
7606	2955.94	8323.56	1423.0	96.82	2.49	0.45	0.06	0.18
7607	2955.94	8323.56	1420.0	95.86	3.50	0.43	0.05	0.16
7608	2953.45	8323.38	1423.0	96.06	3.15	0.50	0.05	0.24
7610	2953.19	8326.31	1423.0	95.13	3.37	0.53	0.26	0.71
7611	2953.19	8326.31	1420.0	96.21	2.88	0.48	0.10	0.33
7612	2955.98	8326.35	1423.0	97.89	1.45	0.44	0.04	0.18
7613	2955.98	8326.35	1420.0	97.61	1.68	0.41	0.06	0.24
7614	2959.43	8326.66	1423.0	97.15	1.78	0.61	0.05	0.41
7616	2962.89	8326.92	1420.0	96.47	2.84	0.46	0.05	0.18
7618	2966.51	8327.22	1423.0	96.02	3.12	0.43	0.04	0.39
7619	2966.51	8327.22	1420.0	95.50	3.44	0.63	0.12	0.31
7620	2966.12	8331.03	1423.0	96.57	2.26	0.75	0.04	0.38
7621	2966.12	8331.03	1420.0	92.73	5.38	1.21	0.06	0.62
7622	2962.45	8330.77	1423.0	96.08	2.72	0.69	0.11	0.40
7624	2958.95	8330.42	1423.0	96.90	2.19	0.56	0.05	0.30
7625	2958.95	8330.42	1420.0	96.48	2.63	0.50	0.04	0.35
7626	2955.63	8330.15	1423.0	96.73	2.41	0.48	0.05	0.33
7628	2952.88	8329.94	1423.0	95.69	3.37	0.53	0.07	0.34
7632	2954.58	8333.70	1423.0	97.50	1.37	0.75	0.08	0.30
7636	2960.44	8334.13	1423.0	96.93	2.25	0.43	0.06	0.33
7637	2960.44	8334.13	1420.0	96.89	2.27	0.45	0.05	0.34
7638	2963.54	8334.48	1423.0	96.30	2.14	1.12	0.09	0.35
7639	2963.54	8334.48	1420.0	94.87	3.93	0.51	0.16	0.53
7640	2965.77	8334.53	1423.0	97.14	2.11	0.50	0.04	0.21
7641	2965.77	8334.53	1420.0	96.25	2.79	0.52	0.05	0.39
7642	2965.51	8338.07	1423.0	97.46	1.82	0.46	0.03	0.23
7643	2965.51	8338.07	1420.0	96.92	2.17	0.47	0.04	0.40
7644	2963.10	8337.85	1423.0	96.37	2.48	0.93	0.05	0.17
7645	2963.10	8337.85	1420.0	96.60	2.47	0.66	0.04	0.23
7646	2960.09	8337.41	1423.0	96.12	2.87	0.61	0.06	0.34
7647	2960.09	8337.41	1420.0	96.86	2.29	0.55	0.04	0.26
7648	2956.90	8337.06	1423.0	95.88	3.22	0.52	0.07	0.31
7649	2956.90	8337.06	1420.0	96.62	2.50	0.47	0.08	0.33
7650	2953.84	8336.62	1423.0	96.47	2.67	0.58	0.06	0.22
7651	2953.84	8336.62	1420.0	96.37	2.31	1.08	0.05	0.19
7652	2950.69	8336.32	1423.0	95.60	2.45	1.72	0.04	0.19
7654	2950.35	8339.18	1423.0	96.95	2.30	0.47	0.05	0.23
7655	2950.35	8339.18	1420.0	95.45	3.61	0.75	0.05	0.14
7656	2953.58	8339.51	1423.0	96.79	2.33	0.64	0.05	0.19
7658	2956.51	8340.12	1423.0	96.48	2.46	0.70	0.07	0.29
7659	2956.51	8340.12	1420.0	97.08	2.19	0.43	0.03	0.27
7660	2959.87	8340.60	1423.0	96.23	2.39	0.77	0.08	0.53
7661	2959.87	8340.60	1420.0	95.98	2.88	0.68	0.06	0.40
7662	2963.10	8341.00	1423.0	96.85	1.94	0.56	0.08	0.57
7663	2963.10	8341.00	1420.0	96.72	1.96	0.55	0.07	0.70
130	2954.38	8424.08	1423.0	94.75	2.96	1.09	0.25	0.95
131	2954.38	8424.08	1420.0	97.07	1.71	0.40	0.11	0.71
132	2954.41	8420.42	1423.0	97.14	1.69	0.52	0.14	0.51

BHS#	EAST	NORTH	ELEV.	MGC	UAD	FEEDS	ALPHA	BETA
133	2954.41	8420.42	1420.0	96.86	1.78	0.55	0.11	0.70
134	2954.43	8416.76	1423.0	96.35	2.23	0.49	0.12	0.81
135	2954.43	8416.76	1420.0	95.32	3.50	0.62	0.09	0.47
7666	2958.13	8409.46	1423.0	96.55	2.35	0.41	0.10	0.59
7667	2958.13	8409.46	1420.0	97.27	1.68	0.37	0.12	0.56
7668	2958.16	8405.80	1423.0	96.96	2.20	0.36	0.09	0.39
7669	2958.16	8405.80	1420.0	96.40	2.26	0.40	0.13	0.81
7670	2954.50	8405.78	1423.0	96.71	2.31	0.38	0.09	0.51
7671	2954.50	8405.78	1420.0	97.58	1.51	0.41	0.10	0.40
7672	2954.52	8402.12	1423.0	96.10	2.81	0.39	0.11	0.59
7673	2954.52	8402.12	1420.0	96.84	2.11	0.38	0.10	0.57
7674	2958.18	8402.14	1423.0	97.02	2.09	0.39	0.10	0.40
7675	2958.18	8402.14	1420.0	97.09	1.85	0.37	0.13	0.56
7800	2958.68	8393.77	1420.0	97.14	1.96	0.44	0.13	0.33
7801	2958.68	8393.77	1426.0	96.91	2.10	0.44	0.15	0.40
7802	2958.29	8390.13	1420.0	97.69	1.27	0.57	0.12	0.35
7803	2958.29	8390.13	1426.0	97.33	1.83	0.41	0.08	0.35
7804	2957.90	8386.49	1420.0	97.25	1.88	0.48	0.09	0.30
7805	2957.90	8386.49	1426.0	96.86	2.31	0.50	0.07	0.26
7806	2957.51	8382.85	1420.0	96.75	2.43	0.40	0.09	0.33
7807	2957.51	8382.85	1426.0	96.95	2.16	0.41	0.08	0.40
7808	2957.13	8379.21	1420.0	96.14	2.42	0.77	0.10	0.57
7809	2957.13	8379.21	1426.0	96.97	1.95	0.46	0.09	0.53
7810	2956.74	8375.57	1420.0	97.19	1.69	0.39	0.10	0.63
7811	2956.74	8375.57	1426.0	96.35	2.21	0.91	0.10	0.43
7812	2953.10	8375.96	1420.0	95.14	3.38	0.86	0.10	0.52
7813	2953.10	8375.96	1426.0	96.94	1.86	0.78	0.07	0.35
7814	2953.49	8379.60	1420.0	97.12	1.72	0.50	0.11	0.55
7815	2953.49	8379.60	1426.0	96.82	1.79	1.00	0.08	0.31
7816	2953.88	8383.24	1420.0	97.67	1.36	0.43	0.10	0.44
7817	2953.88	8383.24	1426.0	96.89	2.05	0.51	0.08	0.47
7818	2954.26	8386.88	1420.0	96.28	2.48	0.59	0.12	0.53
7819	2954.26	8386.88	1426.0	96.91	2.08	0.54	0.10	0.37
7820	2954.65	8390.51	1420.0	95.16	3.79	0.55	0.10	0.40
7821	2954.65	8390.51	1426.0	96.70	2.27	0.52	0.13	0.38
7822	2955.04	8394.16	1420.0	95.49	3.21	0.72	0.13	0.45
7823	2955.04	8394.16	1426.0	93.14	5.71	0.59	0.12	0.44
7824	2955.38	8397.27	1420.0	96.42	2.78	0.38	0.07	0.35
7825	2955.38	8397.27	1426.0	97.40	1.77	0.34	0.08	0.41
7826	2958.98	8396.61	1420.0	97.52	1.75	0.34	0.08	0.31
7827	2958.98	8396.61	1426.0	97.01	2.07	0.38	0.10	0.44
7700	2973.76	8324.15	1423.0	95.36	3.70	0.46	0.08	0.40
7701	2973.76	8324.15	1420.0	95.93	2.78	1.03	0.07	0.19
7702	2977.41	8324.34	1423.0	96.82	2.34	0.48	0.04	0.32
7703	2977.41	8324.34	1420.0	94.55	4.76	0.44	0.04	0.21
7704	2981.07	8324.53	1423.0	96.41	2.29	0.57	0.09	0.64
7705	2981.07	8324.53	1420.0	96.96	1.69	0.46	0.21	0.68
7706	2984.73	8324.71	1423.0	97.02	1.76	0.46	0.11	0.65
7707	2984.73	8324.71	1420.0	95.40	1.38	2.76	0.08	0.38
7708	2988.38	8324.90	1423.0	97.33	1.23	1.16	0.05	0.23
7709	2988.38	8324.90	1420.0	97.80	1.20	0.88	0.03	0.09
7710	2988.19	8328.55	1423.0	97.82	1.22	0.56	0.08	0.32
7711	2988.19	8328.55	1420.0	97.16	1.59	0.86	0.08	0.31
7712	2984.54	8328.37	1423.0	96.49	2.41	0.48	0.13	0.49



BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SiO2
7713	2984.54	8328.37	1420.0	96.90	1.59	1.14	0.07	0.30
7714	2980.88	8328.18	1423.0	97.27	1.80	0.46	0.11	0.36
7715	2980.88	8328.18	1420.0	95.29	3.97	0.48	0.04	0.22
7716	2977.23	8328.00	1423.0	96.87	2.02	0.67	0.06	0.38
7717	2977.23	8328.00	1420.0	97.38	1.59	0.50	0.10	0.43
7718	2973.57	8327.81	1423.0	97.13	1.54	0.54	0.12	0.67
7719	2973.57	8327.81	1420.0	96.87	2.01	0.57	0.13	0.42
7720	2973.39	8331.46	1423.0	96.51	2.28	0.50	0.13	0.58
7721	2973.39	8331.46	1420.0	97.21	1.64	0.47	0.17	0.51
7722	2977.04	8331.65	1423.0	97.38	1.46	0.45	0.13	0.58
7723	2977.04	8331.65	1420.0	96.30	2.21	0.51	0.20	0.78
7724	2980.70	8331.84	1423.0	94.92	4.52	0.38	0.05	0.13
7726	2984.35	8332.02	1423.0	97.02	2.13	0.47	0.05	0.33
7727	2984.35	8332.02	1420.0	95.90	2.60	0.45	0.30	0.75
7728	2988.01	8332.21	1423.0	96.11	2.21	1.24	0.09	0.35
7729	2988.01	8332.21	1420.0	96.21	1.76	0.47	0.34	1.22
7730	2987.82	8335.87	1423.0	97.02	2.02	0.56	0.10	0.30
7731	2987.82	8335.87	1420.0	97.64	1.36	0.41	0.15	0.44
7732	2984.17	8335.68	1423.0	97.01	1.98	0.74	0.08	0.19
7733	2984.17	8335.68	1420.0	96.34	2.61	0.48	0.15	0.42
7734	2980.51	8335.49	1423.0	97.05	2.24	0.46	0.05	0.20
7735	2980.51	8335.49	1420.0	97.07	1.90	0.54	0.11	0.38
7736	2976.85	8335.31	1423.0	96.77	1.93	0.63	0.13	0.54
7737	2976.85	8335.31	1420.0	96.70	2.19	0.53	0.13	0.45
7738	2973.20	8335.12	1423.0	96.08	2.93	0.54	0.05	0.40
7739	2973.20	8335.12	1420.0	97.19	1.65	0.48	0.06	0.62
7740	2973.01	8338.78	1423.0	96.39	2.57	0.50	0.05	0.49
7741	2973.01	8338.78	1420.0	96.47	2.51	0.47	0.06	0.49
7742	2976.67	8338.96	1423.0	96.17	2.84	0.45	0.08	0.46
7745	2980.32	8339.15	1420.0	96.29	2.79	0.62	0.07	0.23
7746	2983.98	8339.33	1423.0	96.81	1.98	0.81	0.12	0.28
7747	2983.98	8339.33	1420.0	96.83	1.82	0.52	0.23	0.60
7748	2987.63	8339.52	1423.0	97.15	2.12	0.46	0.07	0.20
7749	2987.63	8339.52	1420.0	95.80	3.17	0.52	0.12	0.39
7750	2987.45	8343.18	1423.0	97.61	1.50	0.53	0.10	0.26
7751	2987.45	8343.18	1420.0	95.97	3.04	0.45	0.14	0.40
7752	2983.79	8342.99	1423.0	97.57	1.55	0.62	0.06	0.20
7753	2983.79	8342.99	1420.0	97.04	1.83	0.45	0.17	0.51
7754	2980.14	8342.80	1423.0	95.87	2.04	0.83	0.07	1.19
7755	2980.14	8342.80	1420.0	97.49	1.55	0.60	0.05	0.31
7756	2976.48	8342.62	1423.0	96.41	2.07	0.66	0.10	0.76
7757	2976.48	8342.62	1420.0	93.67	5.36	0.44	0.08	0.45
7758	2972.83	8342.43	1423.0	97.20	1.70	0.65	0.04	0.41
7759	2972.83	8342.43	1420.0	95.61	3.08	0.62	0.11	0.58
7760	2969.17	8342.24	1423.0	97.19	1.91	0.61	0.02	0.27
7761	2969.17	8342.24	1420.0	97.09	1.91	0.51	0.04	0.45
7762	2969.36	8338.59	1423.0	97.03	2.14	0.51	0.03	0.29
7763	2969.36	8338.59	1420.0	95.98	3.08	0.68	0.04	0.22
7764	2969.54	8334.93	1423.0	96.33	2.81	0.56	0.04	0.26
7765	2969.54	8334.93	1420.0	96.64	2.28	0.50	0.05	0.53
7767	2969.73	8331.28	1420.0	96.97	2.24	0.47	0.07	0.25
7768	2969.92	8327.62	1423.0	96.39	2.82	0.53	0.05	0.21
7769	2969.92	8327.62	1420.0	87.47	11.37	0.60	0.06	0.50

BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SIO2
7770	2970.10	8323.97	1423.0	95.04	4.06	0.46	0.11	0.33
7771	2970.10	8323.97	1420.0	92.96	6.48	0.37	0.05	0.14
7830	2952.89	8373.11	1423.0	96.89	1.89	0.62	0.08	0.52
7831	2952.89	8373.11	1420.0	96.51	2.14	0.46	0.13	0.76
7832	2956.73	8370.97	1423.0	96.16	2.33	1.01	0.09	0.41
7833	2956.73	8370.97	1420.0	97.24	1.94	0.39	0.05	0.38
7834	2953.08	8370.81	1423.0	96.98	2.01	0.44	0.06	0.51
7835	2953.08	8370.81	1420.0	97.53	1.71	0.34	0.06	0.36
7836	2949.42	8370.64	1423.0	96.37	2.70	0.53	0.06	0.34
7838	2949.59	8366.99	1423.0	97.11	2.01	0.34	0.08	0.46
7840	2953.24	8367.15	1423.0	96.62	2.35	0.48	0.08	0.47
7841	2953.24	8367.15	1420.0	97.52	1.52	0.37	0.07	0.52
7842	2956.90	8367.32	1423.0	96.68	2.25	0.48	0.10	0.49
7843	2956.90	8367.32	1420.0	95.78	2.47	1.29	0.09	0.37
7844	2957.07	8363.66	1423.0	96.85	1.82	0.91	0.08	0.34
7845	2957.07	8363.66	1420.0	96.85	2.17	0.44	0.10	0.44
7846	2953.41	8363.50	1423.0	97.18	1.95	0.35	0.08	0.44
7847	2953.41	8363.50	1420.0	96.62	1.99	0.38	0.12	0.89
7848	2949.75	8363.33	1423.0	96.84	2.32	0.40	0.07	0.37
7850	2949.92	8359.67	1423.0	96.27	2.90	0.46	0.08	0.29
7852	2953.58	8359.84	1423.0	97.02	2.21	0.38	0.07	0.32
7853	2953.58	8359.84	1420.0	97.12	2.11	0.36	0.08	0.33
7854	2957.23	8360.01	1423.0	97.50	1.50	0.52	0.06	0.42
7855	2957.23	8360.01	1420.0	96.94	2.04	0.46	0.06	0.50
7856	2957.40	8356.35	1423.0	96.74	2.34	0.50	0.07	0.35
7857	2957.40	8356.35	1420.0	96.65	2.51	0.42	0.07	0.35
7858	2953.74	8356.18	1423.0	97.17	2.08	0.40	0.08	0.27
7859	2953.74	8356.18	1420.0	96.97	2.23	0.36	0.08	0.36
7860	2950.09	8356.02	1423.0	96.07	3.09	0.42	0.08	0.34
8000	2991.31	8324.75	1423.0	97.89	1.26	0.45	0.09	0.31
8001	2991.31	8324.75	1420.0	97.85	1.19	0.67	0.06	0.23
8002	2991.17	8328.41	1423.0	94.59	3.73	0.62	0.09	0.97
8003	2991.17	8328.41	1420.0	97.03	1.32	0.52	0.08	1.05
8004	2991.03	8332.07	1423.0	98.00	1.07	0.41	0.09	0.43
8005	2991.03	8332.07	1420.0	97.74	1.31	0.43	0.12	0.40
8006	2990.89	8335.72	1423.0	96.12	1.22	1.32	0.15	1.19
8007	2990.89	8335.72	1420.0	97.21	1.32	0.56	0.16	0.75
8008	2990.75	8339.38	1423.0	97.46	1.18	0.72	0.08	0.56
8009	2990.75	8339.38	1420.0	97.29	1.27	0.71	0.12	0.61
8010	2990.62	8343.04	1423.0	97.51	1.35	0.39	0.15	0.60
8011	2990.62	8343.04	1420.0	97.58	1.27	0.48	0.10	0.57
8012	2994.27	8343.18	1423.0	97.40	1.21	0.44	0.15	0.80
8013	2994.27	8343.18	1420.0	97.90	1.34	0.39	0.07	0.30
8014	2994.41	8339.52	1423.0	97.80	1.22	0.39	0.13	0.46
8015	2994.41	8339.52	1420.0	97.70	1.22	0.43	0.12	0.53
8016	2994.55	8335.86	1423.0	97.82	1.23	0.42	0.13	0.40
8017	2994.55	8335.86	1420.0	97.47	1.27	0.77	0.11	0.38
8018	2994.69	8332.21	1423.0	96.98	1.38	1.06	0.14	0.44
8019	2994.69	8332.21	1420.0	97.36	1.38	0.85	0.09	0.32
8020	2994.82	8328.55	1423.0	96.51	1.52	1.37	0.14	0.46
8021	2994.82	8328.55	1420.0	97.45	1.37	0.63	0.13	0.42
8022	2994.96	8324.89	1423.0	97.56	1.47	0.44	0.12	0.41
8023	2994.96	8324.89	1420.0	97.33	1.49	0.45	0.17	0.56

BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SI02
8024	2998.62	8325.03	1423.0	97.52	1.19	0.85	0.10	0.34
8025	2998.62	8325.03	1420.0	96.37	1.28	2.18	0.04	0.13
8026	2998.48	8328.69	1423.0	97.27	1.19	1.09	0.11	0.34
8027	2998.48	8328.69	1420.0	96.99	1.56	1.09	0.09	0.27
8028	2998.34	8332.34	1423.0	97.51	1.23	0.59	0.16	0.51
8029	2998.34	8332.34	1420.0	97.74	1.26	0.54	0.10	0.36
8030	2998.21	8336.00	1423.0	97.09	1.33	0.58	0.16	0.84
8031	2998.21	8336.00	1420.0	97.34	1.26	0.63	0.18	0.59
8032	2998.07	8339.66	1423.0	97.67	1.26	0.44	0.15	0.48
8033	2998.07	8339.66	1420.0	96.74	1.31	0.76	0.10	1.09
8034	2997.93	8343.32	1423.0	96.64	1.27	0.60	0.22	1.27
8035	2997.93	8343.32	1420.0	97.34	1.35	0.55	0.15	0.61
8036	3001.59	8343.45	1423.0	97.77	1.30	0.41	0.11	0.41
8037	3001.59	8343.45	1420.0	97.18	1.44	0.44	0.21	0.73
8038	3001.73	8339.80	1423.0	96.50	1.82	0.49	0.29	0.90
8039	3001.73	8339.80	1420.0	96.96	1.62	0.60	0.19	0.63
8040	3001.86	8336.14	1423.0	97.37	1.33	0.65	0.15	0.50
8041	3001.86	8336.14	1420.0	97.51	1.40	0.53	0.12	0.44
8042	3002.00	8332.48	1423.0	97.51	1.44	0.49	0.12	0.44
8043	3002.00	8332.48	1420.0	97.77	1.32	0.46	0.10	0.35
8044	3002.14	8328.82	1423.0	97.88	1.19	0.64	0.08	0.21
8045	3002.14	8328.82	1420.0	97.52	1.51	0.51	0.12	0.34
8046	3002.28	8325.17	1423.0	96.14	3.20	0.53	0.02	0.11
8047	3002.28	8325.17	1420.0	96.76	2.06	0.56	0.15	0.47
8048	3005.94	8325.30	1423.0	97.58	1.53	0.47	0.11	0.31
8049	3005.94	8325.30	1420.0	96.36	2.67	0.45	0.12	0.40
8050	3005.80	8328.96	1423.0	96.25	2.18	1.44	0.03	0.10
8051	3005.80	8328.96	1420.0	97.28	1.59	0.49	0.16	0.48
8052	3005.66	8332.62	1423.0	96.70	1.32	1.82	0.04	0.12
8053	3005.66	8332.62	1420.0	97.17	1.36	0.63	0.18	0.66
8054	3005.52	8336.28	1423.0	97.54	1.58	0.57	0.07	0.24
8055	3005.52	8336.28	1420.0	97.49	1.40	0.70	0.09	0.32
8056	3005.38	8339.93	1423.0	95.99	2.89	0.45	0.18	0.49
8057	3005.38	8339.93	1420.0	95.07	3.41	1.13	0.11	0.28
8058	3005.25	8343.59	1423.0	97.17	1.61	0.87	0.08	0.27
8059	3005.25	8343.59	1420.0	97.51	1.47	0.74	0.07	0.21
8060	3008.90	8343.73	1423.0	96.48	1.55	1.12	0.20	0.65
8061	3008.90	8343.73	1420.0	96.46	1.22	1.84	0.11	0.37
8062	3009.04	8340.07	1423.0	96.50	1.22	1.97	0.07	0.24
8063	3009.04	8340.07	1420.0	97.53	1.53	0.48	0.11	0.35
8064	3009.18	8336.41	1423.0	97.73	1.26	0.47	0.13	0.41
8065	3009.18	8336.41	1420.0	97.90	1.42	0.44	0.06	0.18
8066	3009.32	8332.76	1423.0	94.98	3.80	0.76	0.15	0.31
8067	3009.32	8332.76	1420.0	97.14	2.16	0.44	0.06	0.20
8068	3009.46	8329.10	1423.0	96.30	1.22	2.25	0.06	0.17
8069	3009.46	8329.10	1420.0	97.87	1.22	0.54	0.09	0.28
8070	3009.59	8325.44	1423.0	96.04	1.26	2.49	0.05	0.16
8071	3009.59	8325.44	1420.0	97.24	1.93	0.49	0.08	0.26
8072	3013.25	8325.58	1423.0	96.82	1.28	1.27	0.14	0.49
8073	3013.25	8325.58	1420.0	96.96	1.88	0.72	0.10	0.34
8074	3013.11	8329.24	1423.0	97.41	1.77	0.42	0.09	0.31
8075	3013.11	8329.24	1420.0	97.06	1.22	1.37	0.08	0.27
8076	3012.97	8332.89	1423.0	97.60	1.36	0.50	0.12	0.42

BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SIO2
8077	3012.97	8332.89	1420.0	97.46	1.48	0.48	0.13	0.45
8078	3012.84	8336.55	1423.0	97.46	1.70	0.52	0.07	0.25
8079	3012.84	8336.55	1420.0	96.13	2.25	1.24	0.09	0.29
8080	3012.70	8340.21	1423.0	97.79	1.39	0.75	0.02	0.05
8081	3012.70	8340.21	1420.0	97.21	1.55	0.82	0.10	0.32
8082	3012.56	8343.87	1423.0	94.14	1.78	3.96	0.03	0.09
8083	3012.56	8343.87	1420.0	96.85	1.38	1.45	0.07	0.25
8100	2957.54	8353.31	1423.0	95.39	3.57	0.48	0.10	0.46
8101	2957.54	8353.31	1420.0	96.29	2.91	0.41	0.07	0.32
8102	2957.64	8349.65	1423.0	96.82	2.31	0.45	0.10	0.32
8103	2957.64	8349.65	1420.0	96.59	2.23	0.46	0.11	0.61
8104	2957.74	8345.99	1423.0	96.47	2.51	0.59	0.09	0.34
8105	2957.74	8345.99	1420.0	96.33	2.68	0.53	0.07	0.39
8106	2957.84	8342.33	1423.0	94.98	4.22	0.45	0.06	0.29
8107	2957.84	8342.33	1420.0	96.68	2.48	0.46	0.04	0.34
8108	2954.18	8342.23	1423.0	95.63	3.01	1.07	0.06	0.23
8109	2954.18	8342.23	1420.0	95.61	3.35	0.63	0.08	0.33
8110	2954.08	8345.89	1423.0	97.15	2.03	0.59	0.06	0.17
8111	2954.08	8345.89	1420.0	95.47	3.71	0.46	0.09	0.27
8112	2953.98	8349.55	1423.0	96.75	2.37	0.46	0.09	0.33
8113	2953.98	8349.55	1420.0	96.33	2.83	0.52	0.07	0.25
8114	2953.88	8353.21	1423.0	96.59	2.52	0.42	0.13	0.34
8115	2953.88	8353.21	1420.0	96.87	2.29	0.49	0.09	0.26
8116	2950.22	8353.11	1423.0	96.64	2.53	0.49	0.09	0.25
8117	2950.32	8349.45	1420.0	95.99	3.09	0.58	0.09	0.25
8118	2950.42	8345.79	1423.0	96.04	3.11	0.58	0.07	0.20
8119	2950.52	8342.13	1420.0	96.10	3.09	0.57	0.07	0.17
8400	3015.12	8343.99	1423.0	97.13	1.40	0.47	0.22	0.78
8401	3015.12	8343.99	1420.0	98.09	1.28	0.41	0.05	0.17
8402	3016.88	8344.10	1423.0	97.86	1.50	0.41	0.06	0.17
8403	3016.88	8344.10	1420.0	97.62	1.82	0.42	0.05	0.09
8404	3020.52	8344.32	1423.0	97.87	1.48	0.47	0.06	0.12
8405	3020.52	8344.32	1420.0	97.94	1.48	0.43	0.05	0.10
8406	3024.33	8344.75	1423.0	97.33	1.96	0.46	0.07	0.18
8407	3024.33	8344.75	1420.0	96.81	2.44	0.51	0.07	0.17
8408	3024.79	8341.00	1423.0	97.10	2.06	0.53	0.08	0.23
8409	3024.79	8341.00	1420.0	95.22	3.48	0.88	0.12	0.30
8410	3021.00	8340.73	1423.0	97.67	1.59	0.50	0.07	0.17
8411	3021.00	8340.73	1420.0	97.44	1.74	0.42	0.12	0.28
8412	3017.52	8340.47	1423.0	97.97	1.39	0.39	0.06	0.19
8413	3017.52	8340.47	1420.0	97.78	1.52	0.42	0.08	0.20
8414	3015.39	8340.25	1423.0	97.63	1.35	0.47	0.13	0.42
8415	3015.39	8340.25	1420.0	98.31	1.15	0.40	0.05	0.09
8416	3015.76	8336.72	1423.0	98.13	1.26	0.45	0.04	0.12
8417	3015.76	8336.72	1420.0	97.80	1.43	0.48	0.07	0.22
8418	3018.11	8336.83	1423.0	97.35	1.55	0.81	0.09	0.20
8419	3018.11	8336.83	1420.0	97.74	1.55	0.49	0.07	0.15
8420	3021.85	8337.04	1423.0	97.42	1.71	0.50	0.11	0.26
8421	3021.85	8337.04	1420.0	97.46	1.70	0.53	0.10	0.21
8422	3025.49	8337.47	1423.0	95.02	4.03	0.56	0.09	0.30
8423	3025.49	8337.47	1420.0	96.50	2.50	0.57	0.11	0.32
8424	3026.02	8333.73	1423.0	93.34	5.45	0.73	0.11	0.37
8425	3026.02	8333.73	1420.0	96.42	2.16	0.69	0.18	0.55

BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SIO2
8426	3022.01	8333.36	1423.0	97.49	1.75	0.56	0.06	0.14
8427	3022.01	8333.36	1420.0	96.94	1.79	0.72	0.19	0.36
8428	3018.32	8333.09	1423.0	97.90	1.39	0.52	0.06	0.13
8429	3018.32	8333.09	1420.0	97.54	1.69	0.48	0.08	0.21
8430	3016.08	8332.88	1423.0	97.75	1.39	0.56	0.10	0.20
8431	3016.08	8332.88	1420.0	97.59	1.59	0.44	0.10	0.28
8432	3016.35	8329.13	1423.0	97.46	1.66	0.56	0.09	0.23
8433	3016.35	8329.13	1420.0	97.23	1.94	0.48	0.08	0.27
8434	3019.02	8329.51	1423.0	97.67	1.55	0.48	0.07	0.23
8435	3019.02	8329.51	1420.0	97.14	1.97	0.44	0.09	0.36
8436	3022.76	8329.88	1423.0	97.24	1.90	0.63	0.06	0.17
8437	3022.76	8329.88	1420.0	96.82	2.06	0.54	0.17	0.41
8438	3026.39	8330.20	1423.0	95.61	3.14	0.58	0.16	0.51
8439	3026.39	8330.20	1420.0	96.11	2.72	0.53	0.18	0.46
8440	3027.09	8326.57	1423.0	96.74	1.89	0.49	0.27	0.61
8441	3027.09	8326.57	1420.0	96.17	2.57	0.58	0.16	0.52
8442	3023.35	8326.19	1423.0	97.67	1.55	0.57	0.05	0.16
8443	3023.35	8326.19	1420.0	97.05	1.87	0.58	0.15	0.35
8444	3019.29	8326.09	1423.0	97.73	1.49	0.47	0.07	0.24
8445	3019.29	8326.09	1420.0	97.71	1.50	0.45	0.12	0.22
8446	3016.55	8325.61	1423.0	97.81	1.43	0.52	0.07	0.17
8447	3016.55	8325.61	1420.0	97.62	1.61	0.45	0.07	0.25
8448	3027.57	8322.93	1423.0	96.78	1.94	0.72	0.18	0.38
8449	3027.57	8322.93	1420.0	89.20	9.31	0.61	0.22	0.66
8450	3027.94	8319.35	1423.0	89.30	9.30	0.57	0.19	0.64
8451	3027.94	8319.35	1420.0	95.02	3.75	0.87	0.11	0.25
8452	3028.52	8315.72	1423.0	95.29	3.34	0.74	0.18	0.45
8453	3028.52	8315.72	1420.0	96.40	2.35	0.64	0.19	0.42
8454	3024.84	8315.50	1423.0	96.63	1.94	0.61	0.25	0.57
8455	3024.84	8315.50	1420.0	94.49	3.67	0.79	0.23	0.82
8456	3024.20	8319.46	1423.0	94.80	3.99	0.47	0.18	0.56
8457	3024.20	8319.46	1420.0	96.01	2.63	0.55	0.19	0.62
8458	3023.67	8322.83	1423.0	96.91	2.03	0.59	0.12	0.35
8459	3023.67	8322.83	1420.0	96.91	1.96	0.55	0.16	0.42
8460	3019.87	8322.51	1423.0	96.54	2.43	0.49	0.12	0.42
8461	3019.87	8322.51	1420.0	97.23	1.83	0.47	0.11	0.36
8462	3020.41	8319.14	1423.0	96.98	2.06	0.45	0.15	0.36
8463	3020.41	8319.14	1420.0	96.64	2.16	0.53	0.17	0.50
8464	3021.16	8315.45	1423.0	96.92	1.92	0.53	0.17	0.46
8465	3021.16	8315.45	1420.0	96.96	1.58	0.63	0.23	0.60
8466	3017.58	8315.45	1423.0	97.02	2.23	0.42	0.06	0.27
8467	3017.58	8315.45	1420.0	97.36	1.67	0.53	0.11	0.33
8468	3017.20	8318.98	1423.0	97.34	1.91	0.45	0.07	0.23
8469	3017.20	8318.98	1420.0	96.83	2.26	0.47	0.11	0.33
8470	3016.40	8322.29	1423.0	98.17	1.23	0.38	0.04	0.18
8471	3016.40	8322.29	1420.0	97.62	1.60	0.43	0.08	0.27
8472	3012.98	8321.97	1423.0	96.65	2.59	0.47	0.08	0.21
8473	3012.98	8321.97	1420.0	95.92	3.41	0.43	0.05	0.19
8474	3013.46	8318.60	1423.0	96.88	1.89	0.48	0.16	0.59
8475	3013.46	8318.60	1420.0	97.30	1.72	0.59	0.09	0.30
8476	3013.94	8315.34	1423.0	94.64	2.18	2.76	0.08	0.34
8477	3013.94	8315.34	1420.0	96.81	1.85	1.03	0.07	0.24
8478	3010.26	8315.08	1423.0	96.82	1.70	1.16	0.08	0.24

BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SI02
8479	3010.26	8315.08	1420.0	96.61	1.96	1.22	0.05	0.16
8480	3009.83	8318.50	1423.0	97.61	1.70	0.43	0.07	0.19
8481	3009.83	8318.50	1420.0	96.88	2.09	0.78	0.07	0.18
8482	3009.29	8321.81	1423.0	96.58	2.47	0.80	0.04	0.11
8483	3009.29	8321.81	1420.0	96.37	2.81	0.64	0.05	0.13
8484	3005.61	8321.60	1423.0	96.98	1.54	1.27	0.05	0.16
8485	3005.61	8321.60	1420.0	96.95	2.05	0.58	0.11	0.31
8486	3006.25	8318.18	1423.0	97.46	1.64	0.53	0.09	0.28
8487	3006.25	8318.18	1420.0	97.63	1.41	0.58	0.11	0.27
8488	3006.52	8314.75	1423.0	96.03	2.77	0.86	0.08	0.26
8489	3006.52	8314.75	1420.0	97.17	1.99	0.48	0.09	0.27
8490	3002.51	8314.54	1423.0	97.76	1.47	0.42	0.08	0.27
8491	3002.51	8314.54	1423.0	97.34	1.63	0.61	0.12	0.30
8300	2966.28	8319.50	1423.0	94.57	3.57	1.22	0.07	0.57
8301	2966.28	8319.50	1420.0	95.27	3.67	0.65	0.07	0.34
8302	2962.64	8319.13	1423.0	95.04	4.20	0.44	0.05	0.27
8303	2962.64	8319.13	1420.0	94.05	5.10	0.52	0.07	0.26
8304	2958.99	8318.76	1423.0	96.06	2.82	0.67	0.11	0.34
8305	2958.99	8318.76	1420.0	96.03	2.79	0.74	0.10	0.34
8306	2959.36	8315.12	1423.0	95.67	3.24	0.61	0.11	0.37
8307	2959.36	8315.12	1420.0	96.13	3.07	0.48	0.07	0.25
8308	2963.00	8315.49	1423.0	96.30	2.92	0.50	0.07	0.21
8309	2963.00	8315.49	1420.0	96.41	2.79	0.52	0.06	0.22
8310	2966.65	8315.86	1423.0	93.70	4.21	1.58	0.07	0.44
8311	2966.65	8315.86	1420.0	95.64	3.09	0.80	0.08	0.39
8312	2967.01	8312.22	1423.0	87.69	9.42	2.64	0.05	0.20
8313	2967.01	8312.22	1420.0	94.05	4.40	1.37	0.04	0.14
8314	2963.37	8311.85	1423.0	95.40	3.47	0.59	0.13	0.41
8315	2963.37	8311.85	1420.0	96.21	2.99	0.48	0.08	0.24
8316	2959.73	8311.48	1423.0	95.93	2.65	0.72	0.16	0.54
8317	2959.73	8311.48	1420.0	96.72	1.99	1.04	0.06	0.19
8319	2960.10	8307.84	1420.0	95.46	2.20	1.26	0.27	0.81
8320	2963.74	8308.21	1423.0	94.91	3.37	0.58	0.29	0.85
8321	2963.74	8308.21	1420.0	89.76	5.86	1.13	0.83	2.42
8322	2967.38	8308.58	1423.0	88.89	9.94	0.56	0.16	0.45
8323	2967.38	8308.58	1420.0	89.50	9.95	0.33	0.05	0.17
8324	2967.75	8304.93	1423.0	90.83	8.43	0.37	0.10	0.27
8325	2967.75	8304.93	1420.0	90.80	8.73	0.34	0.03	0.10
8326	2964.11	8304.57	1423.0	94.05	4.44	0.95	0.16	0.40
8327	2964.11	8304.57	1420.0	94.67	3.68	1.04	0.17	0.44
8329	2960.47	8304.20	1420.0	88.61	9.45	0.73	0.34	0.87
8331	2960.84	8300.56	1420.0	92.10	5.71	0.69	0.42	1.08
8332	2964.48	8300.92	1423.0	92.52	5.79	0.54	0.33	0.82
8333	2964.48	8300.92	1420.0	94.15	4.50	0.79	0.13	0.43
8334	2968.12	8301.29	1423.0	90.96	7.47	0.57	0.15	0.85
8335	2968.12	8301.29	1420.0	89.34	9.93	0.50	0.06	0.17
8336	2968.49	8297.65	1423.0	88.38	9.93	0.55	0.22	0.92
8337	2968.49	8297.65	1420.0	89.91	8.76	0.57	0.15	0.61
8341	2961.21	8296.91	1420.0	93.32	5.06	0.64	0.27	0.71
8343	2961.58	8293.27	1420.0	96.48	1.93	1.37	0.07	0.15
8344	2965.22	8293.64	1423.0	97.48	1.73	0.69	0.03	0.07
8345	2965.22	8293.64	1420.0	97.51	1.66	0.68	0.05	0.10
8346	2968.86	8294.01	1423.0	97.22	1.81	0.74	0.08	0.15

BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SI02
8347	2968.86	8294.01	1420.0	97.36	1.66	0.66	0.11	0.21
8348	2969.23	8290.37	1423.0	96.97	2.15	0.70	0.06	0.12
8349	2969.23	8290.37	1420.0	94.35	4.24	0.88	0.18	0.35
8350	2965.59	8290.00	1423.0	97.34	2.01	0.48	0.06	0.11
8351	2965.59	8290.00	1420.0	96.49	2.14	0.91	0.16	0.30
8353	2961.95	8289.63	1420.0	97.05	1.93	0.65	0.13	0.24
1500	3050.09	8345.59	1423.0	97.30	1.58	0.59	0.20	0.33
1501	3050.09	8345.59	1420.0	97.61	1.43	0.69	0.10	0.17
1502	3047.04	8345.49	1423.0	97.86	1.45	0.53	0.06	0.10
1504	3043.39	8345.16	1423.0	97.73	1.52	0.53	0.08	0.14
1505	3043.39	8345.16	1420.0	97.55	1.54	0.67	0.09	0.15
1506	3039.75	8344.82	1423.0	97.12	2.05	0.57	0.09	0.17
1508	3040.08	8341.18	1423.0	97.63	1.45	0.61	0.11	0.20
1509	3040.08	8341.18	1420.0	95.80	3.31	0.60	0.11	0.18
1510	3043.73	8341.51	1423.0	97.68	1.42	0.64	0.16	0.10
1511	3043.73	8341.51	1420.0	97.56	1.51	0.73	0.08	0.12
1512	3047.37	8341.85	1423.0	97.64	1.51	0.74	0.04	0.07
1514	3050.56	8342.00	1423.0	97.53	1.41	0.66	0.15	0.25
1515	3050.56	8342.00	1420.0	96.84	1.55	1.04	0.21	0.36
1516	3051.35	8338.54	1423.0	97.11	1.77	0.82	0.11	0.19
1517	3051.35	8338.54	1420.0	97.49	1.52	0.67	0.12	0.20
1518	3047.71	8338.20	1423.0	97.38	1.70	0.56	0.13	0.23
1519	3047.71	8338.20	1420.0	97.35	1.63	0.65	0.13	0.24
1520	3044.06	8337.87	1423.0	97.70	1.55	0.62	0.04	0.09
1522	3040.42	8337.53	1423.0	97.58	1.63	0.59	0.07	0.13
1524	3040.75	8333.89	1423.0	97.59	1.46	0.74	0.08	0.13
1525	3040.75	8333.89	1420.0	97.21	1.60	0.82	0.14	0.23
1526	3044.40	8334.22	1423.0	97.37	1.57	0.75	0.10	0.21
1527	3044.40	8334.22	1420.0	97.20	1.66	0.68	0.16	0.30
1528	3048.04	8334.56	1423.0	97.28	1.62	0.66	0.16	0.28
1529	3048.04	8334.56	1420.0	97.27	1.54	0.69	0.18	0.32
1530	3051.69	8334.89	1423.0	97.32	1.75	0.57	0.13	0.23
1531	3051.69	8334.89	1420.0	97.53	1.58	0.53	0.14	0.22
1532	3052.98	8334.96	1423.0	97.66	1.45	0.57	0.11	0.21
1533	3052.98	8334.96	1420.0	97.28	1.64	0.65	0.16	0.27
1534	3054.62	8331.44	1423.0	97.33	1.44	0.71	0.18	0.34
1535	3054.62	8331.44	1420.0	97.13	1.48	0.77	0.22	0.40
1536	3052.02	8331.25	1423.0	94.72	3.80	0.83	0.24	0.41
1538	3048.38	8330.92	1423.0	97.08	1.60	0.76	0.20	0.36
1539	3048.38	8330.92	1420.0	97.11	1.53	0.75	0.21	0.40
1540	3044.73	8330.58	1423.0	97.41	1.55	0.73	0.08	0.23
1541	3044.73	8330.58	1420.0	97.41	1.48	0.64	0.17	0.30
1542	3041.09	8330.25	1423.0	97.50	1.46	0.80	0.08	0.16
1543	3041.09	8330.25	1420.0	97.26	1.67	0.66	0.14	0.27
1544	3041.42	8326.60	1423.0	97.47	1.48	0.72	0.13	0.20
1545	3041.42	8326.60	1420.0	97.50	1.45	0.74	0.12	0.19
1546	3045.07	8326.93	1423.0	97.55	1.52	0.62	0.09	0.22
1547	3045.07	8326.93	1420.0	97.49	1.42	0.72	0.13	0.24
1550	3052.35	8327.61	1423.0	97.42	1.62	0.61	0.14	0.21
1552	3056.00	8327.94	1423.0	96.90	1.92	0.60	0.21	0.37
1554	3057.44	8328.23	1423.0	97.48	1.33	0.58	0.24	0.37
1555	3057.44	8328.23	1420.0	97.28	1.57	0.69	0.18	0.28
1556	3028.81	8343.82	1423.0	95.58	3.60	0.61	0.06	0.15

BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SiO2
1557	3028.81	8343.82	1420.0	96.02	3.09	0.59	0.08	0.22
1558	3032.46	8344.15	1423.0	96.93	2.33	0.58	0.04	0.12
1559	3032.46	8344.15	1420.0	97.41	1.79	0.62	0.06	0.12
1560	3036.10	8344.49	1423.0	97.50	1.66	0.66	0.06	0.12
1562	3036.44	8340.84	1423.0	95.69	3.57	0.60	0.05	0.09
1564	3032.79	8340.51	1423.0	97.54	1.72	0.53	0.08	0.13
1565	3032.79	8340.51	1420.0	97.35	1.91	0.56	0.06	0.12
1566	3029.15	8340.17	1423.0	92.58	6.40	0.57	0.11	0.34
1567	3029.15	8340.17	1420.0	92.74	5.88	0.59	0.21	0.58
1568	3029.48	8336.53	1423.0	95.20	3.77	0.66	0.08	0.29
1569	3029.48	8336.53	1420.0	95.30	3.69	0.50	0.14	0.37
1570	3033.13	8336.87	1423.0	97.16	1.83	0.67	0.13	0.21
1571	3033.13	8336.87	1420.0	97.57	1.58	0.60	0.09	0.16
1572	3036.77	8337.20	1423.0	97.55	1.52	0.70	0.08	0.15
1573	3036.77	8337.20	1420.0	97.62	1.48	0.66	0.09	0.15
1574	3037.11	8333.55	1423.0	97.22	1.75	0.74	0.11	0.18
1575	3037.11	8333.55	1420.0	97.42	1.52	0.77	0.11	0.18
1576	3033.46	8333.22	1423.0	97.42	1.65	0.75	0.06	0.12
1577	3033.46	8333.22	1420.0	97.52	1.58	0.63	0.09	0.18
1578	3029.82	8332.88	1423.0	97.20	1.77	0.57	0.15	0.31
1579	3029.82	8332.88	1420.0	96.89	2.05	0.59	0.16	0.31
1580	3030.15	8329.24	1423.0	96.56	2.45	0.56	0.13	0.30
1581	3030.15	8329.24	1420.0	96.66	2.00	0.62	0.22	0.50
1582	3033.80	8329.58	1423.0	97.26	1.81	0.68	0.08	0.17
1583	3033.80	8329.58	1420.0	97.13	1.83	0.64	0.14	0.26
1584	3037.44	8329.91	1423.0	97.31	1.77	0.64	0.11	0.17
1585	3037.44	8329.91	1420.0	97.19	1.65	0.55	0.20	0.41
1586	3037.78	8326.27	1423.0	97.47	1.59	0.60	0.11	0.23
1588	3034.13	8325.93	1423.0	97.51	1.60	0.58	0.11	0.20
1589	3034.13	8325.93	1420.0	97.16	1.74	0.70	0.13	0.27
1590	3030.49	8325.60	1423.0	97.44	1.57	0.52	0.16	0.31
1591	3030.49	8325.60	1420.0	97.09	1.55	0.74	0.18	0.44
6600	3048.96	8349.07	1423.0	97.63	1.53	0.66	0.06	0.12
6601	3048.96	8349.07	1420.0	97.47	1.54	0.67	0.12	0.20
6602	3045.35	8348.49	1423.0	97.76	1.49	0.54	0.08	0.13
6603	3045.35	8348.49	1420.0	97.69	1.49	0.56	0.10	0.16
6604	3041.73	8347.91	1423.0	97.92	1.13	0.59	0.14	0.22
6605	3041.73	8347.91	1420.0	97.66	1.43	0.70	0.08	0.13
6606	3038.12	8347.33	1423.0	97.63	1.59	0.58	0.07	0.13
6607	3038.12	8347.33	1420.0	97.38	1.64	0.64	0.12	0.22
6608	3034.45	8347.20	1423.0	97.73	1.58	0.55	0.05	0.09
6609	3034.45	8347.20	1420.0	97.34	1.85	0.55	0.09	0.17
6610	3030.97	8346.60	1423.0	97.06	2.21	0.59	0.04	0.10
6611	3030.97	8346.60	1420.0	97.16	2.08	0.54	0.07	0.15
6612	3027.98	8346.40	1423.0	97.20	2.05	0.59	0.05	0.11
6613	3027.98	8346.40	1420.0	95.10	4.09	0.61	0.05	0.15
6614	3030.31	8349.79	1423.0	95.19	3.75	0.70	0.08	0.28
6615	3030.31	8349.79	1420.0	88.53	10.35	0.59	0.15	0.38
6616	3033.93	8350.37	1423.0	97.33	1.83	0.68	0.05	0.11
6617	3033.93	8350.37	1420.0	97.38	1.71	0.64	0.09	0.18
6618	3037.54	8350.95	1423.0	97.26	1.68	0.81	0.08	0.17
6619	3037.54	8350.95	1420.0	97.38	1.73	0.65	0.08	0.16
6620	3041.15	8351.53	1423.0	97.04	1.80	0.94	0.08	0.14



BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SIO2
6622	3044.77	8352.11	1423.0	97.19	1.88	0.69	0.09	0.15
6624	3048.38	8352.68	1423.0	97.52	1.82	0.50	0.05	0.11
6625	3048.38	8352.68	1420.0	97.51	1.70	0.56	0.08	0.15
6626	3047.80	8356.30	1423.0	97.26	2.07	0.49	0.06	0.12
6627	3047.80	8356.30	1420.0	97.73	1.53	0.53	0.07	0.14
6628	3044.19	8355.72	1423.0	98.05	1.37	0.44	0.05	0.09
6630	3040.57	8355.14	1423.0	97.65	1.58	0.62	0.05	0.10
6631	3040.57	8355.14	1420.0	97.63	1.63	0.53	0.08	0.13
6632	3036.96	8354.56	1423.0	97.51	1.57	0.60	0.12	0.20
6633	3036.96	8354.56	1420.0	97.39	1.66	0.76	0.06	0.13
6634	3033.35	8353.99	1423.0	97.43	1.87	0.55	0.04	0.11
6635	3033.35	8353.99	1420.0	96.94	2.05	0.54	0.15	0.32
6636	3029.73	8353.41	1423.0	96.24	2.81	0.52	0.13	0.30
6637	3029.73	8353.41	1420.0	96.90	2.48	0.51	0.02	0.09
6638	3029.52	8357.10	1423.0	96.31	2.98	0.53	0.05	0.13
6639	3029.52	8357.10	1420.0	96.57	2.65	0.51	0.08	0.19
6640	3032.77	8357.60	1423.0	94.29	5.13	0.44	0.04	0.10
6641	3032.77	8357.60	1420.0	95.49	3.85	0.46	0.05	0.15
6642	3036.38	8358.18	1423.0	97.38	1.94	0.54	0.04	0.10
6643	3036.38	8358.18	1420.0	97.47	1.81	0.58	0.05	0.09
6644	3040.00	8358.76	1423.0	97.77	1.63	0.51	0.03	0.06
6645	3040.00	8358.76	1420.0	97.74	1.60	0.53	0.05	0.08
6646	3043.61	8359.33	1423.0	97.64	1.73	0.50	0.05	0.08
6647	3043.61	8359.33	1420.0	97.61	1.66	0.56	0.06	0.11
6648	3047.23	8359.91	1423.0	97.61	1.65	0.52	0.04	0.18
6649	3047.23	8359.91	1420.0	97.61	1.70	0.52	0.05	0.12
6650	3046.65	8363.53	1423.0	97.45	1.85	0.54	0.06	0.10
6651	3046.65	8363.53	1420.0	97.81	1.51	0.54	0.05	0.09
6652	3043.03	8362.95	1423.0	97.48	1.66	0.65	0.08	0.13
6653	3043.03	8362.95	1420.0	97.74	1.55	0.62	0.03	0.06
6654	3039.42	8362.37	1423.0	97.61	1.69	0.53	0.05	0.12
6655	3039.42	8362.37	1420.0	97.63	1.63	0.56	0.06	0.12
6656	3035.80	8361.79	1423.0	97.30	2.03	0.50	0.05	0.12
6657	3035.80	8361.79	1420.0	97.55	1.62	0.57	0.09	0.17
6658	3032.19	8361.21	1423.0	94.31	5.09	0.44	0.04	0.12
6659	3032.19	8361.21	1420.0	90.51	8.37	0.50	0.19	0.43
6660	3029.72	8360.83	1423.0	96.11	3.11	0.55	0.08	0.15
6661	3029.72	8360.83	1420.0	96.61	2.54	0.58	0.09	0.18
6662	3031.61	8364.83	1423.0	95.28	3.87	0.66	0.05	0.14
6663	3031.61	8364.83	1420.0	96.77	2.37	0.61	0.09	0.16
6664	3035.23	8365.41	1423.0	97.33	1.88	0.65	0.05	0.09
6665	3035.23	8365.41	1420.0	97.42	1.60	0.60	0.14	0.24
6666	3038.84	8365.98	1423.0	97.43	1.78	0.64	0.05	0.10
6667	3038.84	8365.98	1420.0	97.45	1.61	0.78	0.05	0.11
6668	3042.46	8366.56	1423.0	97.86	1.42	0.63	0.03	0.06
6669	3042.46	8366.56	1420.0	97.16	1.88	0.71	0.09	0.16
6672	3045.49	8370.75	1423.0	97.23	2.00	0.63	0.05	0.09
6673	3045.49	8370.75	1420.0	97.43	1.72	0.60	0.09	0.16
6674	3041.88	8370.18	1423.0	97.33	1.82	0.65	0.07	0.13
6675	3041.88	8370.18	1420.0	97.44	1.62	0.73	0.08	0.13
6676	3038.26	8369.60	1423.0	97.11	1.74	1.00	0.05	0.10
6677	3038.26	8369.60	1420.0	97.26	1.70	0.82	0.08	0.14
6678	3034.65	8369.02	1423.0	95.99	3.18	0.63	0.07	0.13

BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SIO2
6679	3034.65	8369.02	1420.0	96.66	2.25	0.79	0.10	0.20
6680	3031.03	8368.44	1423.0	92.73	6.36	0.59	0.09	0.23
6681	3031.03	8368.44	1420.0	94.80	4.10	0.70	0.11	0.29
6682	3032.21	8372.32	1423.0	96.34	2.93	0.51	0.06	0.16
6683	3032.21	8372.32	1420.0	96.06	3.09	0.63	0.06	0.16
6684	3034.07	8372.63	1423.0	94.49	4.73	0.65	0.04	0.09
6685	3034.07	8372.63	1420.0	95.47	3.73	0.53	0.09	0.18
6686	3037.68	8373.21	1423.0	97.19	1.60	1.00	0.07	0.14
6687	3037.68	8373.21	1420.0	95.28	3.63	0.85	0.08	0.16
6688	3041.30	8373.79	1423.0	95.46	3.65	0.62	0.10	0.17
6689	3041.30	8373.79	1420.0	96.40	2.10	1.30	0.07	0.13
6690	3043.75	8374.11	1423.0	97.69	1.49	0.70	0.04	0.08
6691	3043.75	8374.11	1420.0	97.37	1.54	0.91	0.06	0.12
1400	2960.95	8434.94	1420.0	95.11	3.69	0.50	0.13	0.57
1401	2959.91	8438.45	1420.0	94.96	3.85	0.49	0.17	0.53
1402	2958.86	8441.96	1420.0	96.44	2.55	0.49	0.12	0.40
1403	2957.82	8445.46	1420.0	96.27	2.48	0.58	0.14	0.53
1404	2956.77	8448.97	1420.0	89.63	7.40	1.93	0.26	0.78
1405	2955.73	8452.48	1420.0	94.02	3.97	0.67	0.33	1.01
1406	2954.69	8455.99	1420.0	94.50	4.29	0.59	0.13	0.49
1407	2953.64	8459.50	1420.0	96.23	2.63	0.51	0.14	0.49
1408	2952.60	8463.00	1420.0	95.32	2.87	0.67	0.30	0.84
1409	2951.56	8466.51	1420.0	97.57	1.37	0.52	0.08	0.46
1410	2950.51	8470.02	1420.0	95.55	3.02	0.71	0.19	0.53
1411	2949.09	8461.96	1420.0	92.58	6.10	0.49	0.23	0.60
1412	2950.14	8458.45	1420.0	92.37	5.80	0.56	0.31	0.96
1413	2951.18	8454.94	1420.0	94.81	3.13	0.66	0.35	1.05
2600	3013.88	8348.89	1423.0	97.60	1.69	0.52	0.04	0.15
2601	3013.88	8348.89	1420.0	97.88	1.44	0.45	0.05	0.18
2602	3017.53	8349.20	1423.0	97.99	1.42	0.39	0.05	0.15
2603	3017.53	8349.20	1420.0	98.01	1.38	0.42	0.07	0.12
2604	3021.18	8349.50	1423.0	97.60	1.67	0.53	0.07	0.13
2605	3021.18	8349.50	1420.0	97.81	1.49	0.48	0.07	0.15
2606	3024.82	8349.81	1423.0	97.63	1.60	0.51	0.08	0.18
2607	3024.82	8349.81	1420.0	97.23	2.10	0.48	0.06	0.13
2608	3024.52	8353.45	1423.0	97.67	1.59	0.50	0.07	0.17
2609	3024.52	8353.45	1420.0	97.53	1.64	0.62	0.07	0.14
2610	3020.87	8353.15	1423.0	98.00	1.40	0.45	0.05	0.10
2611	3020.87	8353.15	1420.0	97.85	1.47	0.47	0.08	0.13
2612	3017.22	8352.85	1423.0	97.43	1.97	0.39	0.05	0.16
2613	3017.22	8352.85	1420.0	97.98	1.40	0.40	0.06	0.16
2614	3013.58	8352.54	1423.0	97.50	1.35	0.93	0.05	0.17
2615	3013.58	8352.54	1420.0	97.76	1.25	0.57	0.10	0.32
2616	3013.27	8356.19	1423.0	97.66	1.57	0.45	0.07	0.25
2617	3013.27	8356.19	1420.0	97.55	1.40	0.45	0.13	0.47
2618	3016.92	8356.49	1423.0	97.97	1.34	0.41	0.06	0.22
2619	3016.92	8356.49	1420.0	97.63	1.66	0.40	0.08	0.23
2620	3020.57	8356.80	1423.0	97.51	1.62	0.59	0.11	0.17
2621	3020.57	8356.80	1420.0	97.82	1.47	0.49	0.08	0.14
2622	3024.22	8357.10	1423.0	97.40	1.73	0.60	0.09	0.18
2623	3024.22	8357.10	1420.0	96.50	2.50	0.62	0.13	0.25
2624	3023.91	8360.75	1423.0	97.17	1.75	0.62	0.17	0.29
2625	3023.91	8360.75	1420.0	96.33	2.49	0.86	0.11	0.21

BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SIO2
2626	3020.26	8360.45	1423.0	97.31	1.60	0.66	0.16	0.27
2627	3020.26	8360.45	1420.0	97.33	1.91	0.55	0.06	0.15
2628	3016.62	8360.14	1423.0	97.71	1.45	0.47	0.09	0.28
2629	3016.62	8360.14	1420.0	97.57	1.59	0.47	0.08	0.29
2630	3012.97	8359.84	1423.0	97.76	1.34	0.45	0.11	0.34
2631	3012.97	8359.84	1420.0	97.74	1.40	0.47	0.09	0.30
2632	3012.67	8363.49	1423.0	97.64	1.39	0.55	0.10	0.32
2633	3012.67	8363.49	1420.0	97.71	1.40	0.46	0.10	0.33
2634	3016.31	8363.79	1423.0	97.81	1.43	0.46	0.07	0.23
2635	3016.31	8363.79	1420.0	97.87	1.36	0.45	0.09	0.23
2636	3019.96	8364.09	1423.0	97.70	1.56	0.56	0.05	0.13
2637	3019.96	8364.09	1420.0	97.65	1.49	0.54	0.07	0.25
2638	3023.61	8364.40	1423.0	97.62	1.60	0.50	0.09	0.19
2639	3023.61	8364.40	1420.0	96.11	2.96	0.50	0.13	0.30
2640	3023.30	8368.04	1423.0	96.84	2.07	0.56	0.16	0.37
2641	3023.30	8368.04	1420.0	96.81	2.26	0.52	0.13	0.28
2642	3019.66	8367.74	1423.0	97.59	1.62	0.54	0.05	0.20
2643	3019.66	8367.74	1420.0	97.51	1.61	0.50	0.08	0.30
2644	3016.01	8367.44	1423.0	98.08	1.34	0.48	0.02	0.08
2645	3016.01	8367.44	1420.0	97.77	1.43	0.46	0.11	0.23
2646	3012.36	8367.13	1423.0	97.20	2.06	0.45	0.06	0.23
2647	3012.36	8367.13	1420.0	97.92	1.38	0.44	0.06	0.20
2648	3012.06	8370.78	1423.0	95.92	3.23	0.39	0.12	0.34
2649	3012.06	8370.78	1420.0	97.74	1.53	0.46	0.07	0.20
2650	3015.71	8371.08	1423.0	97.81	1.46	0.53	0.04	0.16
2651	3015.71	8371.08	1420.0	97.90	1.46	0.46	0.05	0.13
2652	3019.35	8371.39	1423.0	97.25	1.51	0.53	0.16	0.55
2653	3019.35	8371.39	1420.0	97.69	1.47	0.56	0.09	0.19
2654	3023.00	8371.69	1423.0	97.39	1.63	0.52	0.16	0.30
2655	3023.00	8371.69	1420.0	97.01	2.02	0.60	0.12	0.25
2656	3026.65	8371.99	1423.0	97.34	1.78	0.65	0.07	0.16
2657	3026.65	8371.99	1420.0	96.01	2.59	1.10	0.09	0.21
2658	3026.95	8368.35	1423.0	88.52	10.63	0.53	0.08	0.24
2659	3026.95	8368.35	1420.0	94.15	4.92	0.57	0.11	0.25
2660	3027.29	8364.80	1423.0	94.05	5.07	0.65	0.07	0.16
2661	3027.29	8364.80	1420.0	96.24	2.81	0.61	0.10	0.24
2662	3026.96	8360.91	1423.0	94.65	4.20	0.83	0.11	0.21
2663	3026.96	8360.91	1420.0	90.47	8.55	0.60	0.12	0.26
2664	3027.01	8357.29	1423.0	92.49	6.56	0.57	0.12	0.26
2665	3027.01	8357.29	1420.0	93.36	5.60	0.65	0.12	0.27
2666	3027.15	8353.68	1423.0	92.04	6.84	0.68	0.13	0.31
2667	3027.15	8353.68	1420.0	95.23	3.93	0.57	0.08	0.19
2668	3027.48	8350.02	1423.0	97.07	2.03	0.70	0.07	0.13
2669	3027.48	8350.02	1420.0	95.60	3.53	0.60	0.09	0.18
6900	2997.74	8322.09	1423.0	96.15	2.03	1.46	0.09	0.27
6901	2997.74	8322.09	1420.0	95.77	3.32	0.61	0.08	0.22
6902	2994.09	8321.78	1423.0	95.75	3.26	0.45	0.15	0.39
6903	2994.09	8321.78	1420.0	95.99	2.85	0.79	0.10	0.27
6904	2990.45	8321.46	1423.0	97.33	1.94	0.49	0.06	0.18
6905	2990.45	8321.46	1420.0	94.25	4.11	0.96	0.15	0.53
6906	2990.76	8317.82	1423.0	96.99	1.26	0.70	0.27	0.78
6907	2990.76	8317.82	1420.0	95.59	2.64	1.09	0.17	0.51
6908	2994.41	8318.13	1423.0	96.85	1.51	0.46	0.24	0.94

BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SiO2
6909	2994.41	8318.13	1420.0	97.76	1.35	0.52	0.08	0.29
6910	2998.06	8318.45	1423.0	97.48	1.41	0.87	0.06	0.18
6911	2998.06	8318.45	1420.0	97.87	1.39	0.63	0.03	0.08
6912	2998.37	8314.80	1423.0	97.34	1.56	0.94	0.05	0.11
6913	2998.37	8314.80	1420.0	97.36	1.71	0.64	0.08	0.21
6914	2994.72	8314.49	1423.0	97.59	1.27	0.86	0.07	0.21
6915	2994.72	8314.49	1420.0	96.42	1.59	1.78	0.06	0.15
6916	2991.08	8314.17	1423.0	98.19	1.06	0.42	0.08	0.25
6917	2991.08	8314.17	1420.0	97.89	1.22	0.51	0.09	0.29
6918	2991.39	8310.52	1423.0	96.86	2.19	0.43	0.13	0.39
6919	2991.39	8310.52	1420.0	97.33	1.52	0.67	0.07	0.41
6920	2995.04	8310.84	1423.0	91.41	5.84	1.39	0.06	1.30
6921	2995.04	8310.84	1420.0	95.23	2.34	2.02	0.05	0.36
6922	2998.69	8311.15	1423.0	97.10	1.97	0.66	0.05	0.22
6923	2998.69	8311.15	1420.0	97.34	1.56	0.69	0.09	0.32
6924	3002.33	8311.47	1423.0	96.80	1.65	0.99	0.16	0.40
6925	3002.33	8311.47	1420.0	96.32	1.96	1.09	0.19	0.44
6926	3005.98	8311.78	1423.0	94.32	1.73	3.02	0.13	0.80
6927	3005.98	8311.78	1420.0	96.00	1.45	1.32	0.23	1.00
6928	3009.62	8312.10	1423.0	95.61	1.46	2.54	0.09	0.30
6929	3009.62	8312.10	1420.0	96.48	1.98	1.14	0.09	0.31
6931	3013.27	8312.41	1420.0	97.94	1.30	0.53	0.06	0.17
6932	3016.92	8312.73	1423.0	97.64	1.62	0.41	0.08	0.25
6933	3016.92	8312.73	1420.0	97.34	1.63	0.51	0.15	0.37
6934	3020.56	8313.04	1423.0	97.13	1.73	0.51	0.20	0.43
6935	3020.56	8313.04	1420.0	97.05	1.69	0.65	0.20	0.41
6936	3024.21	8313.36	1423.0	96.76	2.05	0.61	0.15	0.43
6937	3024.21	8313.36	1420.0	96.57	2.27	0.65	0.12	0.39
6938	3027.86	8313.67	1423.0	96.72	2.08	0.54	0.18	0.48
6939	3027.86	8313.67	1420.0	96.79	1.92	0.91	0.10	0.28
6940	3028.17	8310.02	1423.0	95.56	3.20	0.77	0.12	0.35
6941	3028.17	8310.02	1420.0	96.85	1.80	0.88	0.12	0.35
6942	3024.52	8309.71	1423.0	95.34	3.34	0.65	0.18	0.49
6943	3024.52	8309.71	1420.0	89.38	8.84	0.79	0.25	0.74
6944	3020.88	8309.39	1423.0	97.02	2.05	0.47	0.14	0.32
6945	3020.88	8309.39	1420.0	97.38	1.74	0.43	0.13	0.32
6946	3017.23	8309.08	1423.0	98.57	0.99	0.31	0.03	0.10
6947	3017.23	8309.08	1420.0	98.31	1.11	0.42	0.04	0.12
6948	3013.58	8308.76	1423.0	97.72	1.52	0.51	0.06	0.19
6949	3013.58	8308.76	1420.0	97.84	1.44	0.58	0.04	0.10
6950	3009.94	8308.45	1423.0	97.98	1.40	0.45	0.05	0.12
6951	3009.94	8308.45	1420.0	97.41	1.65	0.75	0.05	0.14
6952	3006.29	8308.14	1423.0	96.63	2.30	0.82	0.07	0.18
6953	3006.29	8308.14	1420.0	96.01	2.66	1.10	0.06	0.17
6954	3002.65	8307.82	1423.0	97.42	1.44	0.67	0.08	0.39
6955	3002.65	8307.82	1420.0	96.71	1.76	0.93	0.12	0.48
6956	2999.00	8307.51	1423.0	96.67	1.84	1.24	0.06	0.19
6957	2999.00	8307.51	1420.0	96.51	1.56	1.46	0.10	0.37
6958	2995.35	8307.19	1423.0	96.64	1.52	1.50	0.07	0.27
6959	2995.35	8307.19	1420.0	96.63	1.51	1.44	0.08	0.34
6960	2991.71	8306.88	1423.0	96.85	1.95	0.49	0.11	0.60
6961	2991.71	8306.88	1420.0	95.98	1.69	2.00	0.07	0.26
6962	2992.02	8303.23	1423.0	97.20	1.56	0.70	0.09	0.45

BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SIO2
6963	2992.02	8303.23	1420.0	96.68	1.97	0.94	0.10	0.31
6964	2995.67	8303.55	1423.0	93.14	3.56	2.94	0.06	0.30
6965	2995.67	8303.55	1420.0	94.83	1.99	2.86	0.07	0.25
6966	2999.31	8303.86	1423.0	95.76	2.34	1.62	0.07	0.21
6967	2999.31	8303.86	1420.0	94.92	2.64	2.24	0.05	0.15
6968	3002.96	8304.17	1423.0	96.26	2.44	0.94	0.08	0.28
6969	3002.96	8304.17	1420.0	96.42	1.59	1.76	0.06	0.17
6970	3006.61	8304.49	1423.0	96.95	1.48	1.18	0.10	0.29
6971	3006.61	8304.49	1420.0	95.85	3.16	0.75	0.06	0.18
6972	3010.25	8304.80	1423.0	96.71	1.90	1.00	0.10	0.29
6973	3010.25	8304.80	1420.0	96.57	2.28	0.69	0.11	0.35
6974	3013.90	8305.12	1423.0	97.37	1.84	0.45	0.10	0.24
6975	3013.90	8305.12	1420.0	97.78	1.57	0.46	0.05	0.14
6976	3017.55	8305.43	1423.0	97.64	1.66	0.45	0.06	0.19
6977	3017.55	8305.43	1420.0	97.26	1.98	0.48	0.07	0.21
6978	3021.19	8305.75	1423.0	97.38	1.72	0.53	0.11	0.26
6979	3021.19	8305.75	1420.0	97.65	1.46	0.58	0.08	0.23
6980	3024.84	8306.06	1423.0	93.97	4.82	0.77	0.09	0.35
6981	3024.84	8306.06	1420.0	88.87	9.49	0.95	0.15	0.54
6982	3028.49	8306.38	1423.0	96.51	2.50	0.69	0.08	0.22
6983	3028.49	8306.38	1420.0	96.27	2.25	1.15	0.09	0.24
6984	3028.80	8302.73	1423.0	97.98	1.30	0.54	0.06	0.12
6985	3028.80	8302.73	1420.0	96.47	1.97	1.30	0.07	0.19
6986	3025.15	8302.42	1423.0	95.70	3.13	0.74	0.11	0.32
6987	3025.15	8302.42	1420.0	86.29	12.14	0.67	0.23	0.67
6988	3021.51	8302.10	1423.0	94.85	3.99	0.55	0.17	0.44
6989	3021.51	8302.10	1420.0	95.52	3.32	0.62	0.14	0.40
6990	3017.86	8301.79	1423.0	97.60	1.61	0.51	0.07	0.21
6991	3017.86	8301.79	1420.0	97.70	1.58	0.56	0.04	0.12
6992	3014.21	8301.47	1423.0	97.92	1.48	0.40	0.04	0.16
6993	3014.21	8301.47	1420.0	97.61	1.67	0.42	0.07	0.23
6994	3010.57	8301.16	1423.0	97.13	1.85	0.71	0.07	0.24
6995	3010.57	8301.16	1420.0	95.80	2.56	0.88	0.15	0.61
6996	3006.92	8300.84	1423.0	95.79	2.92	0.93	0.10	0.26
6997	3006.92	8300.84	1420.0	95.76	3.05	0.83	0.09	0.27
6998	3003.27	8300.53	1423.0	96.17	1.55	2.02	0.06	0.20
6999	3003.27	8300.53	1420.0	94.54	1.78	3.50	0.04	0.14
7000	2999.63	8300.21	1423.0	96.34	1.71	1.75	0.05	0.15
7001	2999.63	8300.21	1420.0	97.08	1.54	1.16	0.05	0.17
7002	2995.98	8299.90	1423.0	96.02	1.86	1.47	0.15	0.50
7003	2995.98	8299.90	1420.0	95.99	1.69	1.59	0.16	0.57
7004	2992.33	8299.58	1423.0	96.15	1.93	1.39	0.09	0.44
7005	2992.33	8299.58	1420.0	96.74	1.86	0.92	0.09	0.39
7200	3060.68	8321.35	1423.0	94.51	4.50	0.64	0.12	0.23
7201	3060.68	8321.35	1420.0	97.03	2.14	0.59	0.09	0.15
7202	3061.65	8317.70	1423.0	96.76	2.36	0.58	0.10	0.20
7203	3061.65	8317.70	1420.0	97.06	2.01	0.64	0.09	0.20
7204	3062.62	8314.32	1423.0	95.48	3.61	0.58	0.10	0.23
7205	3062.62	8314.32	1420.0	93.78	5.28	0.57	0.10	0.27
7206	3060.52	8313.89	1423.0	97.07	2.09	0.55	0.10	0.19
7207	3060.52	8313.89	1420.0	96.65	2.48	0.62	0.10	0.15
7208	3059.96	8317.51	1423.0	96.97	1.65	0.85	0.21	0.32
7209	3059.96	8317.51	1420.0	96.69	2.46	0.62	0.08	0.15

BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SIO2
7210	3059.41	8321.13	1423.0	96.75	1.99	0.59	0.25	0.42
7211	3059.41	8321.13	1420.0	96.38	2.69	0.60	0.12	0.21
7212	3058.85	8324.74	1423.0	97.13	1.50	0.87	0.16	0.34
7213	3058.85	8324.74	1420.0	97.13	1.76	0.70	0.15	0.26
7214	3055.23	8324.19	1423.0	97.32	1.41	0.58	0.27	0.42
7215	3055.23	8324.19	1420.0	97.49	1.50	0.57	0.17	0.27
7216	3055.79	8320.57	1423.0	97.57	1.41	0.61	0.14	0.27
7217	3055.79	8320.57	1420.0	97.11	1.54	0.78	0.22	0.35
7218	3056.35	8316.95	1423.0	97.36	1.54	0.64	0.15	0.31
7219	3056.35	8316.95	1420.0	96.64	1.98	0.75	0.21	0.42
7220	3056.90	8313.33	1423.0	97.04	1.55	0.75	0.23	0.43
7221	3056.90	8313.33	1420.0	97.14	1.69	0.59	0.21	0.37
7222	3053.28	8312.78	1423.0	94.92	3.86	0.64	0.16	0.42
7223	3053.28	8312.78	1420.0	96.84	1.90	0.56	0.22	0.48
7224	3052.73	8316.39	1423.0	97.68	1.44	0.61	0.09	0.18
7225	3052.73	8316.39	1420.0	97.51	1.50	0.56	0.15	0.28
7226	3052.17	8320.01	1423.0	97.67	1.45	0.63	0.09	0.16
7227	3052.17	8320.01	1420.0	97.69	1.35	0.63	0.11	0.22
7228	3051.62	8323.63	1423.0	97.16	1.98	0.61	0.09	0.16
7229	3051.62	8323.63	1420.0	97.49	1.66	0.64	0.08	0.13
7230	3048.00	8323.07	1423.0	97.40	1.40	0.81	0.14	0.25
7231	3048.00	8323.07	1420.0	97.46	1.57	0.74	0.09	0.14
7232	3048.55	8319.46	1423.0	96.54	2.23	0.80	0.18	0.25
7233	3048.55	8319.46	1420.0	96.03	2.95	0.80	0.08	0.14
7234	3049.11	8315.84	1423.0	96.42	2.36	0.80	0.16	0.26
7235	3049.11	8315.84	1420.0	97.06	1.89	0.57	0.19	0.29
7236	3049.67	8312.22	1423.0	95.65	2.97	0.76	0.24	0.38
7237	3049.67	8312.22	1420.0	97.19	1.73	0.64	0.17	0.27
7238	3046.05	8311.67	1423.0	97.22	1.52	0.67	0.20	0.39
7239	3046.05	8311.67	1420.0	97.42	1.22	0.78	0.22	0.36
7240	3045.49	8315.28	1423.0	96.63	1.98	0.77	0.22	0.40
7241	3045.49	8315.28	1420.0	97.00	1.79	0.64	0.19	0.38
7242	3044.94	8318.90	1423.0	96.87	2.00	0.69	0.18	0.26
7243	3044.94	8318.90	1420.0	97.60	1.49	0.65	0.10	0.16
7244	3044.38	8322.52	1423.0	97.13	1.70	0.80	0.15	0.22
7245	3044.38	8322.52	1420.0	97.45	1.54	0.65	0.13	0.23
7246	3040.76	8321.96	1423.0	96.51	2.42	0.72	0.12	0.23
7247	3040.76	8321.96	1420.0	96.74	2.30	0.70	0.08	0.18
7248	3041.32	8318.34	1423.0	96.67	2.09	0.88	0.12	0.24
7249	3041.32	8318.34	1420.0	97.26	1.66	0.65	0.15	0.28
7250	3041.88	8314.73	1423.0	95.85	3.17	0.63	0.11	0.24
7251	3041.88	8314.73	1420.0	96.73	2.22	0.57	0.16	0.32
7252	3042.43	8311.11	1423.0	95.96	2.68	1.03	0.12	0.21
7253	3042.43	8311.11	1420.0	95.65	3.40	0.76	0.07	0.12
7254	3038.81	8310.55	1423.0	94.82	3.67	0.98	0.19	0.34
7255	3038.81	8310.55	1420.0	94.88	3.98	0.95	0.07	0.12
7256	3038.26	8314.17	1423.0	97.00	1.81	0.70	0.19	0.30
7257	3038.26	8314.17	1420.0	96.10	2.50	1.21	0.07	0.12
7258	3037.70	8317.79	1423.0	97.14	1.61	0.85	0.15	0.25
7259	3037.70	8317.79	1420.0	96.91	1.68	0.96	0.17	0.28
7260	3037.15	8321.41	1423.0	95.86	2.59	0.97	0.22	0.36
7261	3037.15	8321.41	1420.0	97.05	1.55	0.78	0.25	0.37
7262	3033.53	8320.85	1423.0	97.21	1.70	0.78	0.10	0.21

BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SIO2
7263	3033.53	8320.85	1420.0	97.02	1.62	0.88	0.18	0.30
7264	3034.08	8317.23	1423.0	97.29	1.64	0.71	0.14	0.22
7265	3034.08	8317.23	1420.0	97.27	1.76	0.73	0.08	0.16
7266	3034.64	8313.62	1423.0	97.36	2.00	0.53	0.03	0.08
7267	3034.64	8313.62	1420.0	97.17	2.04	0.69	0.03	0.07
7268	3035.20	8310.00	1423.0	96.64	2.49	0.77	0.03	0.07
7269	3035.20	8310.00	1420.0	96.82	2.16	0.91	0.04	0.07
7270	3031.58	8309.44	1423.0	96.63	1.94	1.33	0.03	0.07
7271	3031.58	8309.44	1420.0	96.48	1.90	1.44	0.06	0.12
7272	3031.02	8313.06	1423.0	96.31	2.49	0.96	0.09	0.15
7273	3031.02	8313.06	1420.0	96.52	2.26	1.09	0.04	0.09
7274	3030.47	8316.68	1423.0	96.73	1.79	1.07	0.15	0.26
7275	3030.47	8316.68	1420.0	95.77	2.42	1.69	0.04	0.08
7276	3029.91	8320.29	1423.0	96.80	1.78	0.88	0.19	0.35
7300	3068.39	8303.86	1423.0	96.41	2.60	0.72	0.08	0.19
7301	3068.39	8303.86	1420.0	96.97	2.15	0.68	0.06	0.14
7302	3069.08	8300.33	1423.0	96.13	2.95	0.73	0.06	0.13
7303	3069.08	8300.33	1420.0	96.63	2.41	0.74	0.06	0.16
7304	3067.45	8299.96	1423.0	96.71	2.03	0.99	0.08	0.19
7305	3067.45	8299.96	1420.0	96.06	2.90	0.85	0.06	0.13
7306	3066.91	8303.58	1423.0	96.96	1.87	0.83	0.10	0.24
7307	3066.91	8303.58	1420.0	97.12	1.93	0.75	0.06	0.14
7308	3066.37	8307.20	1423.0	96.73	2.33	0.75	0.06	0.13
7309	3066.37	8307.20	1420.0	96.31	2.78	0.75	0.05	0.11
7310	3062.75	8306.66	1423.0	96.79	2.31	0.64	0.08	0.18
7311	3062.75	8306.66	1420.0	95.68	3.28	0.61	0.12	0.31
7312	3063.29	8303.04	1423.0	92.66	6.45	0.63	0.07	0.19
7313	3063.29	8303.04	1420.0	97.11	1.90	0.70	0.08	0.21
7314	3063.83	8299.42	1423.0	97.30	1.82	0.68	0.06	0.14
7315	3063.83	8299.42	1420.0	97.07	2.11	0.68	0.04	0.10
7316	3060.21	8298.88	1423.0	95.99	3.07	0.75	0.06	0.13
7317	3060.21	8298.88	1420.0	94.87	4.26	0.71	0.05	0.11
7318	3059.67	8302.50	1423.0	96.90	1.84	0.95	0.10	0.21
7319	3059.67	8302.50	1420.0	96.38	2.79	0.74	0.03	0.06
7320	3059.13	8306.12	1423.0	96.76	1.99	0.69	0.20	0.36
7321	3059.13	8306.12	1420.0	96.72	2.42	0.66	0.07	0.13
7322	3055.51	8305.58	1423.0	97.10	1.80	0.64	0.17	0.29
7323	3055.51	8305.58	1420.0	96.79	2.31	0.74	0.06	0.10
7324	3056.05	8301.96	1423.0	97.33	1.80	0.58	0.11	0.18
7325	3056.05	8301.96	1420.0	97.28	1.81	0.78	0.04	0.09
7326	3056.59	8298.33	1423.0	97.22	1.80	0.70	0.10	0.18
7327	3056.59	8298.33	1420.0	96.70	2.29	0.77	0.08	0.16
7328	3052.97	8297.79	1423.0	96.93	2.15	0.75	0.06	0.11
7329	3052.97	8297.79	1420.0	97.10	1.82	0.96	0.04	0.08
7330	3052.43	8301.41	1423.0	97.13	1.88	0.85	0.05	0.09
7331	3052.43	8301.41	1420.0	96.81	2.12	0.95	0.04	0.08
7332	3051.89	8305.03	1423.0	97.36	1.56	0.66	0.16	0.26
7333	3051.89	8305.03	1420.0	97.12	1.94	0.70	0.09	0.15
7334	3048.27	8304.49	1423.0	97.30	1.52	0.67	0.18	0.33
7335	3048.27	8304.49	1420.0	97.35	1.46	0.76	0.16	0.27
7336	3048.81	8300.87	1423.0	97.23	1.59	0.78	0.14	0.26
7337	3048.81	8300.87	1420.0	96.66	2.09	0.98	0.09	0.18
7338	3049.35	8297.25	1423.0	95.52	3.32	0.83	0.13	0.20

BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SI02
7339	3049.35	8297.25	1420.0	93.78	4.70	0.73	0.31	0.48
7340	3045.73	8296.71	1423.0	97.00	1.31	0.72	0.31	0.66
7341	3045.73	8296.71	1420.0	95.03	1.51	0.62	0.60	2.24
7342	3045.19	8300.33	1423.0	96.89	1.57	0.89	0.23	0.42
7343	3045.19	8300.33	1420.0	95.60	1.36	0.69	0.55	1.80
7344	3044.65	8303.95	1423.0	97.57	1.28	0.72	0.14	0.29
7345	3044.65	8303.95	1420.0	97.27	1.41	0.71	0.20	0.41
7346	3041.03	8303.41	1423.0	97.42	1.55	0.58	0.13	0.32
7347	3041.03	8303.41	1420.0	97.25	1.77	0.59	0.10	0.29
7348	3041.57	8299.79	1423.0	96.68	2.04	0.65	0.22	0.41
7349	3041.57	8299.79	1420.0	96.29	1.84	0.67	0.39	0.81
7350	3042.11	8296.17	1423.0	97.02	1.54	0.64	0.26	0.54
7351	3042.11	8296.17	1420.0	96.59	1.52	0.53	0.38	0.98
7352	3038.49	8295.63	1423.0	96.83	1.78	0.50	0.26	0.63
7353	3038.49	8295.63	1420.0	95.87	2.76	0.57	0.28	0.52
7354	3037.95	8299.25	1423.0	96.82	2.00	0.64	0.19	0.35
7355	3037.95	8299.25	1420.0	96.77	1.54	0.60	0.31	0.78
7356	3037.41	8302.87	1423.0	96.75	2.13	0.77	0.12	0.23
7357	3037.41	8302.87	1420.0	96.75	2.33	0.63	0.10	0.19
7358	3033.79	8302.33	1423.0	96.55	1.85	1.34	0.08	0.18
7359	3033.79	8302.33	1420.0	97.24	1.71	0.87	0.06	0.12
7360	3034.33	8298.71	1423.0	94.32	3.89	1.16	0.21	0.42
7361	3034.33	8298.71	1420.0	94.85	3.07	1.56	0.23	0.29
7362	3034.87	8295.08	1423.0	97.01	2.15	0.62	0.07	0.15
7363	3034.87	8295.08	1420.0	96.22	2.36	1.09	0.10	0.23
7364	3031.25	8294.54	1423.0	97.16	1.99	0.56	0.09	0.20
7365	3031.25	8294.54	1420.0	96.92	1.88	0.94	0.08	0.18
7366	3030.71	8298.16	1423.0	93.99	4.90	0.54	0.18	0.39
7367	3030.71	8298.16	1420.0	96.88	2.33	0.57	0.06	0.16
7368	3030.17	8301.78	1423.0	97.70	1.56	0.56	0.05	0.13
7369	3030.17	8301.78	1420.0	97.45	1.69	0.59	0.08	0.19
7370	3065.82	8310.82	1423.0	97.44	1.76	0.62	0.05	0.13
7371	3065.82	8310.82	1420.0	97.12	2.12	0.59	0.05	0.12
7372	3062.21	8310.28	1423.0	95.47	3.70	0.50	0.09	0.24
7373	3062.21	8310.28	1420.0	97.02	2.33	0.52	0.04	0.09
7374	3058.59	8309.74	1423.0	97.29	1.51	0.58	0.21	0.41
7375	3058.59	8309.74	1420.0	96.99	1.82	0.62	0.19	0.38
7376	3054.97	8309.19	1423.0	97.23	1.59	0.61	0.18	0.39
7377	3054.97	8309.19	1420.0	96.82	1.94	0.69	0.18	0.37
7378	3051.35	8308.65	1423.0	91.61	7.19	0.66	0.18	0.36
7379	3051.35	8308.65	1420.0	94.43	4.45	0.72	0.14	0.26
7380	3047.73	8308.11	1423.0	93.01	5.76	0.67	0.18	0.38
7381	3047.73	8308.11	1420.0	95.49	3.00	0.74	0.26	0.51
7382	3044.11	8307.57	1423.0	92.37	5.86	0.87	0.28	0.62
7383	3044.11	8307.57	1420.0	96.65	2.28	0.74	0.10	0.23
7384	3040.49	8307.03	1423.0	91.61	7.30	0.97	0.03	0.09
7385	3040.49	8307.03	1420.0	94.93	3.98	0.71	0.12	0.26
7386	3036.87	8306.49	1423.0	90.78	8.13	0.88	0.06	0.15
7387	3036.87	8306.49	1420.0	95.24	3.81	0.68	0.08	0.19
7388	3033.25	8305.95	1423.0	96.96	1.73	1.05	0.08	0.18
7389	3033.25	8305.95	1420.0	97.33	1.50	0.91	0.09	0.17
7400	2989.41	8317.58	1423.0	97.34	1.38	0.74	0.01	0.53
7401	2989.41	8317.58	1420.0	94.94	3.71	0.49	0.15	0.71



BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SI02
7402	2989.14	8321.19	1423.0	97.35	1.39	0.82	0.11	0.33
7403	2989.14	8321.19	1420.0	97.54	1.39	0.57	0.10	0.40
7404	2987.90	8321.14	1423.0	97.28	1.66	0.51	0.09	0.46
7405	2987.90	8321.14	1420.0	97.61	1.48	0.53	0.07	0.32
7406	2988.08	8317.49	1423.0	96.96	1.61	0.99	0.07	0.37
7407	2988.08	8317.49	1420.0	96.79	1.60	1.12	0.13	0.36
7408	2988.27	8313.83	1423.0	96.80	1.32	1.50	0.08	0.30
7409	2988.27	8313.83	1420.0	96.37	1.45	1.77	0.07	0.34
7410	2988.45	8310.18	1423.0	97.08	1.61	0.77	0.09	0.45
7411	2988.45	8310.18	1420.0	97.24	1.64	0.49	0.13	0.50
7412	2988.63	8306.52	1423.0	96.39	2.35	0.42	0.16	0.68
7413	2988.63	8306.52	1420.0	96.82	2.08	0.62	0.07	0.41
7414	2988.81	8302.87	1423.0	96.99	1.85	0.70	0.10	0.36
7415	2988.81	8302.87	1420.0	96.12	1.55	2.06	0.08	0.19
7416	2985.16	8302.68	1423.0	96.54	1.41	1.78	0.06	0.21
7417	2985.16	8302.68	1420.0	96.71	1.42	1.55	0.07	0.25
7418	2984.98	8306.34	1423.0	96.78	1.67	0.81	0.05	0.69
7419	2984.98	8306.34	1420.0	96.69	1.52	1.03	0.13	0.63
7420	2984.79	8310.00	1423.0	97.42	1.31	0.65	0.04	0.58
7421	2984.79	8310.00	1420.0	97.08	1.21	0.58	0.12	1.01
7422	2984.61	8313.65	1423.0	97.20	1.51	0.50	0.07	0.72
7423	2984.61	8313.65	1420.0	97.22	1.31	0.53	0.19	0.75
7424	2984.43	8317.31	1423.0	97.17	1.89	0.43	0.11	0.40
7425	2984.43	8317.31	1420.0	95.94	3.08	0.66	0.08	0.24
7426	2984.25	8320.96	1423.0	96.53	2.44	0.48	0.07	0.48
7427	2984.25	8320.96	1420.0	96.20	2.81	0.50	0.09	0.40
7428	2980.59	8320.78	1423.0	97.04	1.66	0.96	0.06	0.28
7429	2980.59	8320.78	1420.0	97.47	1.68	0.46	0.09	0.30
7430	2980.77	8317.12	1423.0	96.93	1.56	0.97	0.11	0.43
7431	2980.77	8317.12	1420.0	97.14	1.29	0.80	0.09	0.68
7432	2980.96	8313.47	1423.0	96.95	1.70	0.56	0.11	0.68
7433	2980.96	8313.47	1420.0	97.07	1.31	0.70	0.16	0.76
7434	2981.14	8309.81	1423.0	96.94	1.64	0.51	0.09	0.82
7435	2981.14	8309.81	1420.0	96.51	1.73	0.89	0.10	0.77
7436	2981.32	8306.16	1423.0	97.37	1.50	0.45	0.14	0.54
7437	2981.32	8306.16	1420.0	97.10	1.85	0.63	0.06	0.36
7438	2981.50	8302.50	1423.0	96.61	2.64	0.45	0.07	0.23
7439	2981.50	8302.50	1420.0	96.53	1.88	1.33	0.06	0.20
7440	2977.85	8302.32	1423.0	96.80	1.48	1.35	0.07	0.30
7441	2977.85	8302.32	1420.0	96.93	1.80	0.80	0.10	0.37
7442	2977.67	8305.97	1423.0	96.03	2.76	0.46	0.15	0.60
7443	2977.67	8305.97	1420.0	96.42	1.92	0.46	0.25	0.95
7444	2977.48	8309.63	1423.0	96.36	2.31	0.66	0.14	0.53
7445	2977.48	8309.63	1420.0	97.08	1.35	0.69	0.17	0.71
7446	2977.30	8313.29	1423.0	97.01	1.81	0.49	0.17	0.52
7447	2977.30	8313.29	1420.0	97.04	1.51	0.47	0.17	0.81
7448	2977.12	8316.94	1423.0	96.79	1.50	1.35	0.06	0.30
7449	2977.12	8316.94	1420.0	97.01	1.75	0.90	0.07	0.27
7450	2976.94	8320.60	1423.0	97.90	1.26	0.67	0.05	0.12
7451	2976.94	8320.60	1420.0	96.22	2.72	0.81	0.06	0.19
7452	2973.28	8320.41	1423.0	94.41	4.97	0.43	0.06	0.13
7453	2973.28	8320.41	1420.0	96.20	3.07	0.44	0.09	0.20
7454	2973.46	8316.76	1423.0	92.23	7.02	0.47	0.05	0.23

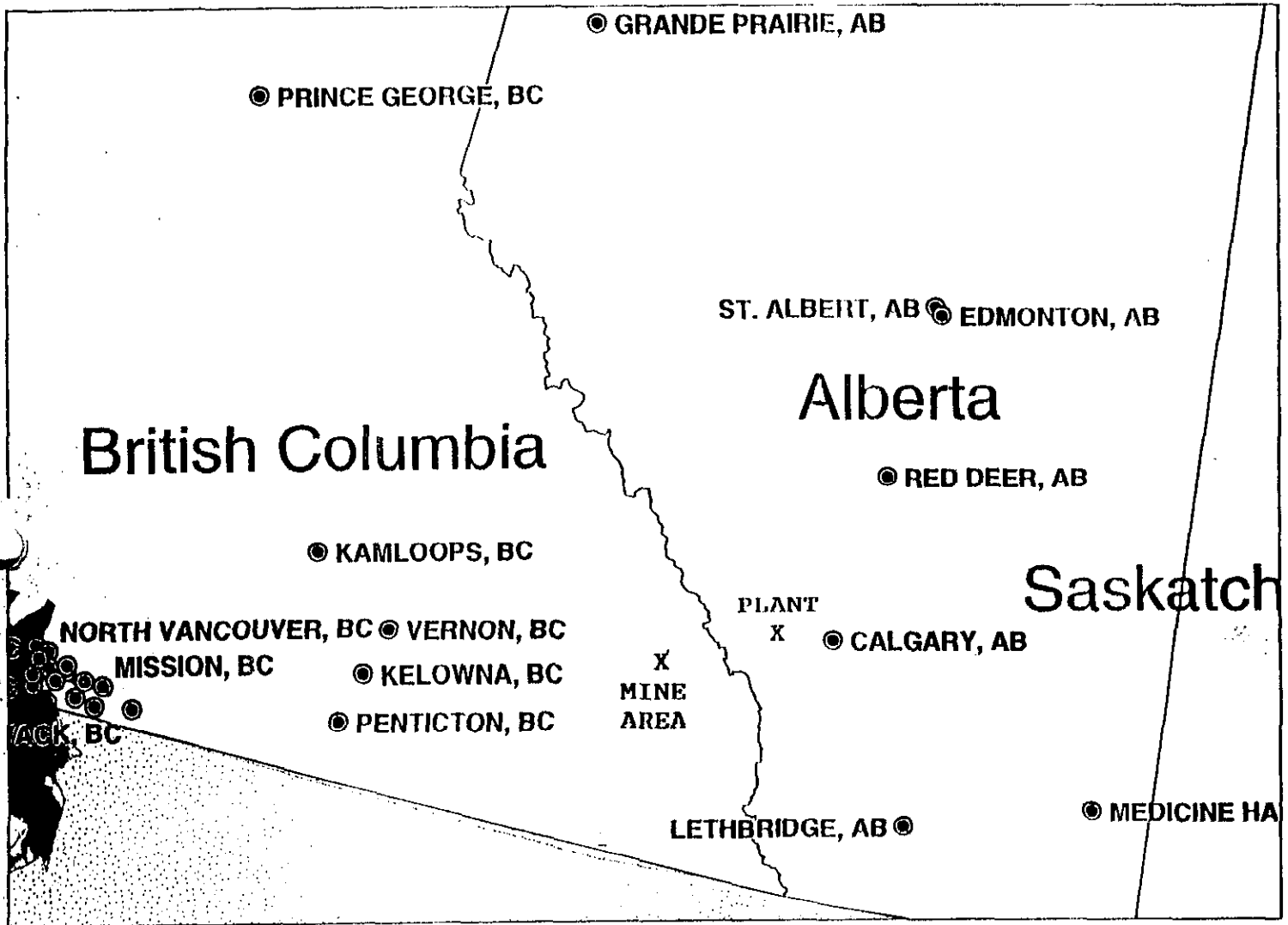
BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SiO2
7455	2973.46	8316.76	1420.0	95.70	2.67	1.31	0.07	0.25
7456	2973.65	8313.10	1423.0	95.98	2.61	1.12	0.05	0.24
7457	2973.65	8313.10	1420.0	95.65	3.16	0.68	0.07	0.44
7458	2973.83	8309.45	1423.0	95.35	3.26	0.83	0.12	0.44
7459	2973.83	8309.45	1420.0	96.35	2.36	0.55	0.19	0.55
7460	2974.01	8305.79	1423.0	96.71	2.03	0.54	0.13	0.59
7461	2974.01	8305.79	1420.0	96.05	2.99	0.49	0.07	0.40
7462	2974.19	8302.14	1423.0	96.90	2.02	0.66	0.10	0.32
7463	2974.19	8302.14	1420.0	97.05	2.10	0.62	0.05	0.18
7464	2970.54	8301.95	1423.0	91.42	7.76	0.38	0.12	0.32
7465	2970.54	8301.95	1420.0	95.39	3.75	0.47	0.10	0.29
7466	2970.35	8305.61	1423.0	88.59	10.18	0.81	0.11	0.31
7467	2970.35	8305.61	1420.0	95.91	3.46	0.40	0.06	0.17
7468	2970.42	8309.36	1423.0	89.22	9.08	1.44	0.05	0.21
7469	2970.42	8309.36	1420.0	88.69	10.20	0.81	0.04	0.26
7470	2970.58	8313.00	1423.0	91.77	7.61	0.37	0.05	0.20
7471	2970.58	8313.00	1420.0	94.24	5.10	0.46	0.06	0.14
7472	2970.61	8316.45	1423.0	95.68	3.63	0.39	0.07	0.23
7473	2970.61	8316.45	1420.0	92.91	6.54	0.40	0.04	0.11
7474	2970.65	8320.17	1423.0	95.29	3.53	0.47	0.23	0.48
7475	2970.65	8320.17	1420.0	94.31	4.56	0.66	0.15	0.32
7500	3001.48	8348.47	1423.0	97.72	1.19	0.41	0.14	0.54
7501	3001.48	8348.47	1420.0	97.85	1.21	0.37	0.11	0.46
7502	3005.14	8348.52	1423.0	98.06	1.18	0.40	0.08	0.28
7503	3005.14	8348.52	1420.0	97.59	1.62	0.40	0.09	0.30
7504	3008.79	8348.56	1423.0	97.83	1.20	0.46	0.11	0.40
7505	3008.79	8348.56	1420.0	97.82	1.23	0.47	0.11	0.37
7506	3008.75	8352.22	1423.0	97.25	1.29	0.46	0.23	0.77
7507	3008.75	8352.22	1420.0	97.61	1.38	0.46	0.13	0.42
7508	3005.09	8352.18	1423.0	97.95	1.15	0.42	0.11	0.37
7509	3005.09	8352.18	1420.0	97.78	1.22	0.41	0.14	0.45
7510	3001.43	8352.13	1423.0	97.71	1.31	0.40	0.13	0.45
7511	3001.43	8352.13	1420.0	97.35	1.24	0.40	0.21	0.80
7512	3001.38	8355.79	1423.0	97.70	1.37	0.39	0.11	0.43
7513	3001.38	8355.79	1420.0	97.52	1.35	0.44	0.13	0.56
7514	3005.04	8355.84	1423.0	98.11	1.17	0.37	0.08	0.27
7515	3005.04	8355.84	1420.0	97.54	1.24	0.54	0.13	0.55
7516	3008.70	8355.88	1423.0	97.59	1.12	0.40	0.18	0.71
7517	3008.70	8355.88	1420.0	97.99	1.26	0.37	0.08	0.30
7518	3008.66	8359.54	1423.0	97.08	1.43	0.47	0.21	0.81
7519	3008.66	8359.54	1420.0	97.54	1.38	0.54	0.12	0.42
7520	3005.00	8359.50	1423.0	97.73	1.44	0.43	0.09	0.31
7521	3005.00	8359.50	1420.0	96.92	1.40	1.04	0.15	0.49
7522	3001.34	8359.45	1423.0	97.15	1.81	0.46	0.14	0.44
7523	3001.34	8359.45	1420.0	97.31	1.52	0.53	0.14	0.50
7524	3001.29	8363.11	1423.0	97.33	1.67	0.45	0.13	0.42
7525	3001.29	8363.11	1420.0	97.00	1.60	0.72	0.15	0.53
7526	3004.95	8363.16	1423.0	97.24	1.71	0.52	0.11	0.42
7527	3004.95	8363.16	1420.0	97.29	1.60	0.61	0.11	0.39
7528	3008.61	8363.20	1423.0	96.65	1.79	0.89	0.16	0.51
7529	3008.61	8363.20	1420.0	96.87	1.40	0.74	0.15	0.84
7530	3008.56	8366.86	1423.0	97.24	1.63	0.47	0.15	0.51
7531	3008.56	8366.86	1420.0	97.39	1.48	0.60	0.12	0.41

BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SIO2
7532	3004.91	8366.82	1423.0	97.08	1.77	0.64	0.11	0.40
7533	3004.91	8366.62	1420.0	97.54	1.60	0.46	0.09	0.31
7534	3001.25	8366.77	1423.0	97.26	1.98	0.43	0.08	0.25
7535	3001.25	8366.77	1420.0	97.46	1.69	0.48	0.08	0.29
7536	3001.20	8370.43	1423.0	97.62	1.53	0.44	0.09	0.32
7537	3001.20	8370.43	1420.0	97.74	1.45	0.42	0.09	0.30
7538	3004.86	8370.47	1423.0	97.35	1.61	0.39	0.14	0.51
7539	3004.86	8370.47	1420.0	97.25	1.83	0.44	0.08	0.40
7540	3008.52	8370.52	1423.0	97.55	1.54	0.39	0.12	0.40
7541	3008.52	8370.52	1420.0	97.80	1.51	0.42	0.07	0.20
7542	3001.15	8374.09	1423.0	97.24	1.76	0.49	0.11	0.40
7543	3001.15	8374.09	1420.0	96.81	2.39	0.43	0.09	0.28
7544	3004.81	8374.13	1423.0	97.66	1.52	0.40	0.09	0.33
7545	3004.81	8374.13	1420.0	97.76	1.39	0.42	0.10	0.33
7546	3008.47	8374.18	1423.0	97.66	1.61	0.38	0.09	0.26
7547	3008.47	8374.18	1420.0	97.42	1.80	0.45	0.08	0.25
7548	3012.13	8374.23	1423.0	97.87	1.46	0.42	0.06	0.19
7549	3012.13	8374.23	1420.0	98.00	1.39	0.45	0.04	0.12
7550	3015.79	8374.27	1423.0	97.66	1.59	0.48	0.06	0.21
7551	3015.79	8374.27	1420.0	97.76	1.59	0.46	0.06	0.13
7552	3019.45	8374.32	1423.0	97.52	1.78	0.41	0.09	0.20
7553	3019.45	8374.32	1420.0	96.62	2.55	0.51	0.11	0.21
7554	3023.11	8374.37	1423.0	96.42	2.61	0.66	0.09	0.22
7555	3023.11	8374.37	1420.0	96.00	3.12	0.53	0.10	0.25
7556	3025.92	8374.44	1423.0	96.74	2.43	0.56	0.09	0.18
7557	3025.92	8374.44	1420.0	94.84	4.10	0.60	0.15	0.31
7558	3026.73	8378.07	1423.0	95.56	3.47	0.63	0.12	0.22
7559	3026.73	8378.07	1420.0	92.08	6.90	0.62	0.13	0.27
7560	3023.07	8378.02	1423.0	97.49	1.54	0.61	0.11	0.25
7561	3023.07	8378.02	1420.0	97.56	1.60	0.58	0.08	0.18
7562	3019.41	8377.98	1423.0	97.75	1.43	0.46	0.11	0.25
7563	3019.41	8377.98	1420.0	97.65	1.50	0.49	0.12	0.24
7564	3015.75	8377.93	1423.0	97.41	1.80	0.43	0.09	0.27
7565	3015.75	8377.93	1420.0	97.40	1.86	0.46	0.07	0.21
7566	3012.09	8377.89	1423.0	97.63	1.62	0.45	0.07	0.23
7567	3012.09	8377.89	1420.0	97.85	1.39	0.52	0.05	0.19
7568	3008.43	8377.84	1423.0	98.07	1.24	0.38	0.07	0.24
7569	3008.43	8377.84	1420.0	98.25	1.19	0.37	0.04	0.15
7570	3004.77	8377.79	1423.0	97.57	1.48	0.36	0.13	0.46
7571	3004.77	8377.79	1420.0	97.69	1.29	0.41	0.13	0.48
7572	3001.11	8377.75	1423.0	96.49	2.52	0.40	0.11	0.48
7573	3001.11	8377.75	1420.0	97.42	1.59	0.40	0.12	0.47
7574	3001.06	8381.41	1423.0	97.25	1.95	0.45	0.08	0.27
7575	3001.06	8381.41	1420.0	97.35	1.91	0.39	0.08	0.27
7576	3004.72	8381.45	1423.0	97.34	1.86	0.41	0.09	0.30
7577	3004.72	8381.45	1420.0	97.17	1.86	0.43	0.12	0.42
7578	3008.38	8381.50	1423.0	97.55	1.56	0.52	0.08	0.29
7579	3008.38	8381.50	1420.0	97.70	1.60	0.45	0.06	0.19
7580	3012.04	8381.55	1423.0	98.08	1.38	0.39	0.04	0.11
7581	3012.04	8381.55	1420.0	97.91	1.29	0.63	0.04	0.13
7582	3015.70	8381.59	1423.0	96.65	2.67	0.38	0.08	0.22
7583	3015.70	8381.59	1420.0	95.77	3.29	0.47	0.13	0.34
7584	3019.36	8381.64	1423.0	97.42	1.67	0.49	0.13	0.29

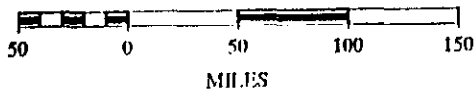
BHS#	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SIO2
7585	3019.36	8381.64	1420.0	97.64	1.60	0.51	0.08	0.17
7586	3023.02	8381.68	1423.0	97.44	1.69	0.53	0.11	0.23
7587	3023.02	8381.68	1420.0	97.39	1.68	0.67	0.07	0.19
7588	3026.68	8381.73	1423.0	96.53	2.19	0.73	0.18	0.37
7589	3026.68	8381.73	1420.0	93.94	4.59	1.02	0.14	0.31



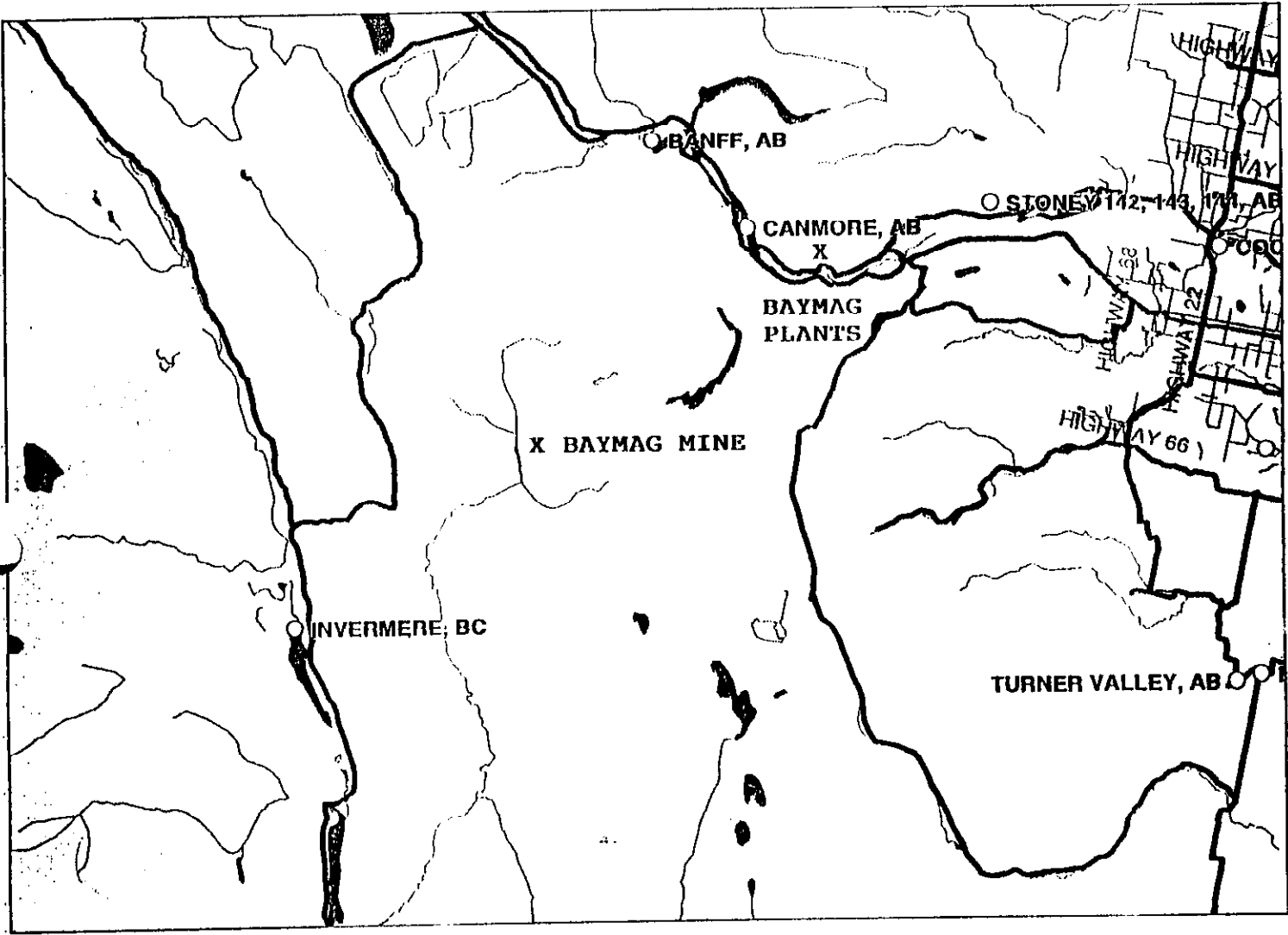
# Location of the Mount Brussilof Magnesite Mine



SCALE 1 : 5,565,307

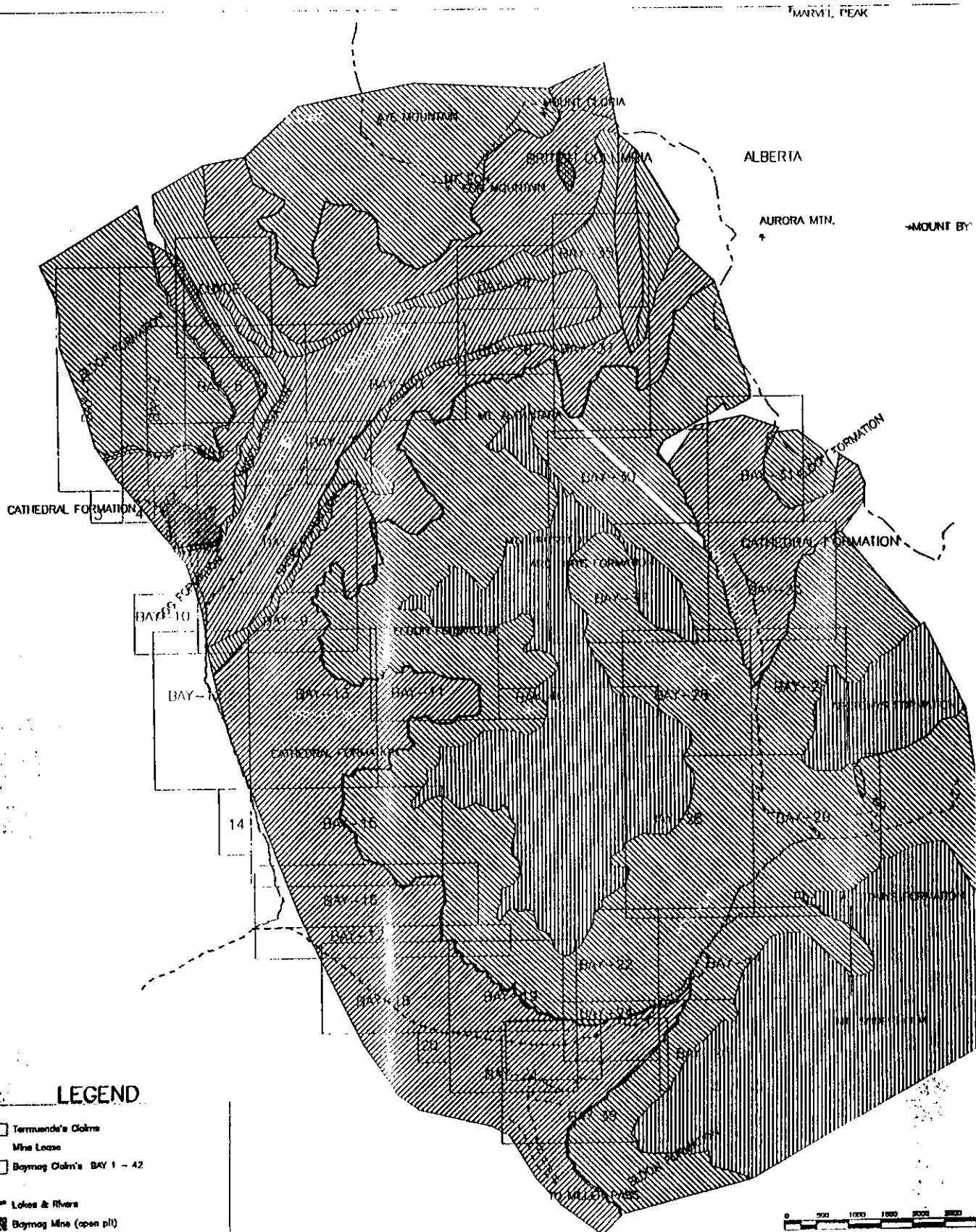


# Regional Location Map



SCALE 1 : 878,375





BAYMAG CLAIMS MAP  
FIGURE 3

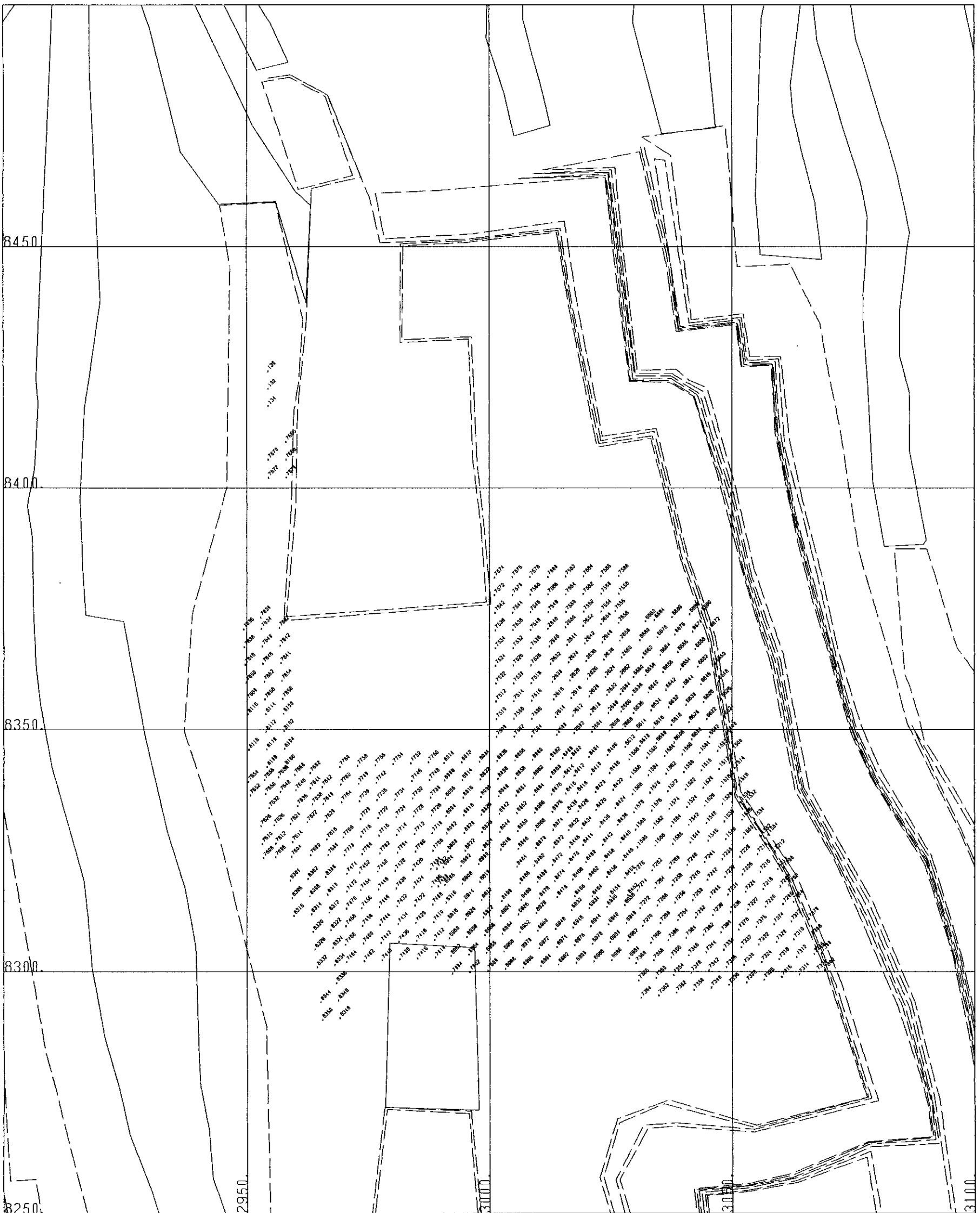




— — — — —	• PIT OUTLINES	XXXXXX	• Zone 485
— — — — —	• ROADWAYS	//////	• Zone 482
-----	• WASTE DUMP AREA		• Zone 419
•	• 1420 ELEV. SAMPLE #'s	=====	• Zone 415
		-----	• Fractures

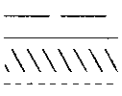
PLOTTED	DRAWN BY	DRAW DATE	RUNFILE
05-DEC-03	JK	SEPT 2003	GE0122.03

BAYMAG INC. Geological Interpretation		
DESCRIPTION	SCALE	BLASTHOLE FILE
MINE25.BHS	1:500.M	



BATMAG INC.

LEGEND

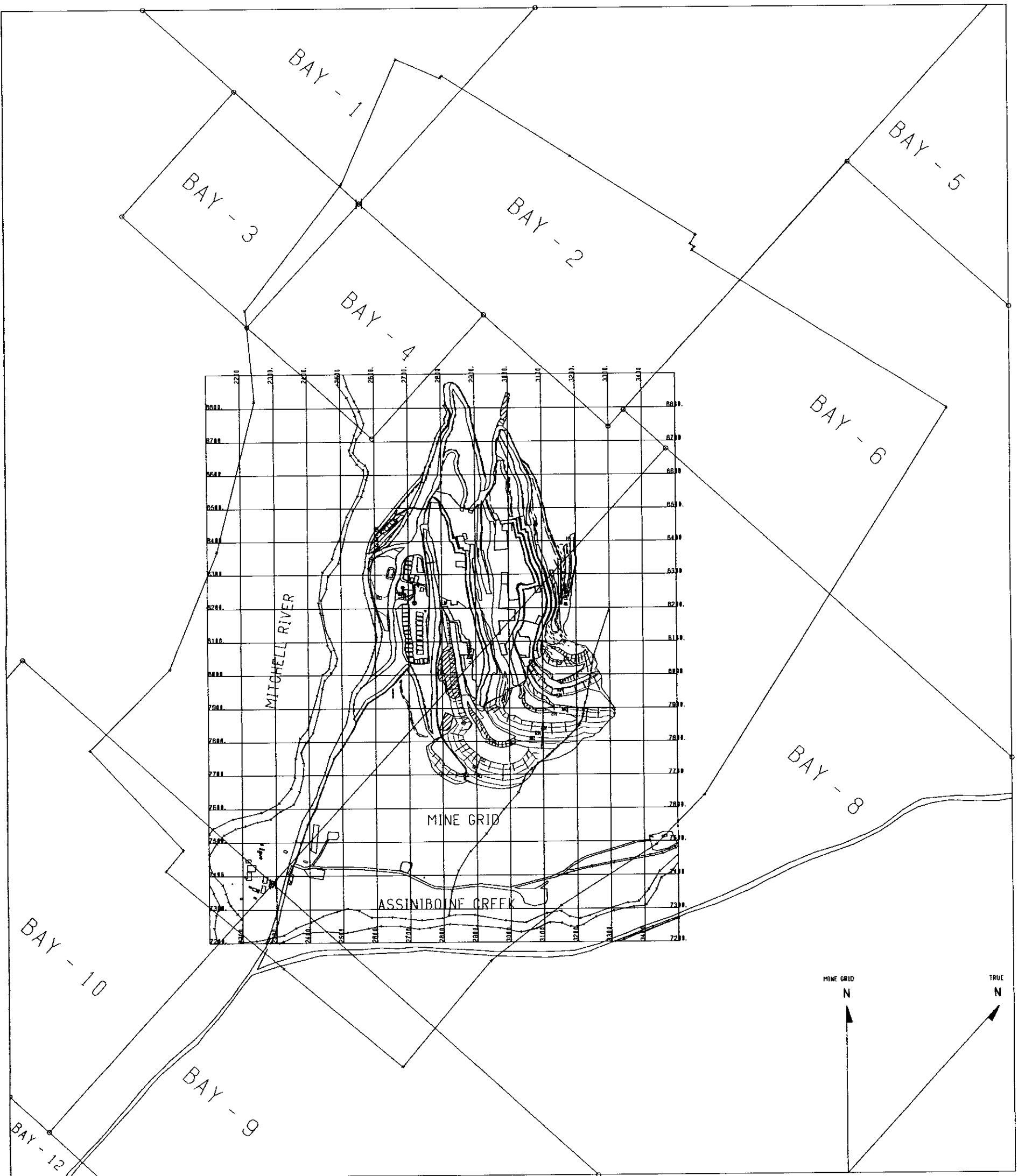


- - - - - PIT OUTLINES
- ROADWAYS
- ////// WASTE DUMP AREA
- 1420 ELEV. SAMPLE #'s

**MT. BRUSSILOF MAGNESITE MINE  
BENCH 1420 - MID**

**PLAN MAP SAMPLE LOCATIONS  
OCT.6, 2002 - SEPT.10, 2003**

PLOTTED	DRAWN BY	DRAW DATE	RUN FILE	DESCRIPTION	SCALE	BLASTHOLE FILE
10/09/2003	ts	SEPT 2003	BHS122.03	BMAC25.150	1:	



<b>LEGEND</b> - - - - - PIT OUTLINES - - - - - ROADWAYS - - - - - GENERAL CLAIM BOUNDARIES - - - - - MINE LEASE P-31 BOUNDARY - - - - - FENCES / CRACKS - - - - - WASTE DUMP AREA ■ - OPEN PIT AREAS H - LEGAL CORNER POST	0 50 100 150 200 250 300	DATE REVISED SEPTEMBER 2003	REVISION # 2803-1	DAYMAG INC. MT. BRUSSEL MAGNESITE MINE		DAYMAG INC. INDEX MAP 10-10-03 PITS RELATIVE TO LEASE		
		DATE PRINTED 09-09-03	DESCRIPTION BMAG25 ISO A55122.03	MAP INDEX NUMBER	SCALE	REVISION NUMBER	DATE PLOTTED 09/10/03	SCALE 1:5000