

# GM 6033

REPORT ON THE 2002 EXPLORATION PROGRAM AT WINDY MOUNTAIN PROPERTIES

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**REPORT  
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2002 EXPLORATION PROGRAM  
AT  
WINDY MOUNTAIN  
PROPERTIES  
EASTMAIN RIVER AREA**

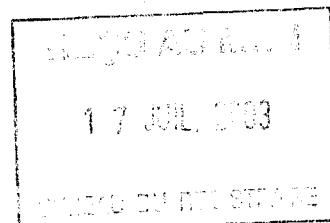
**in the**

**OTISH MOUNTAINS AREA, QUEBEC  
Chibougamau Mining District**

**NTS Areas: 33A/02, 33A/03, 33A/06,  
33A/07 AND 33A/ 08**

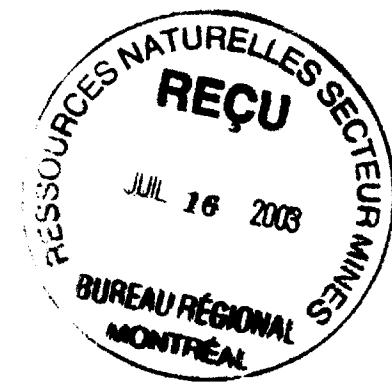
**Latitude: 52° 18' North  
Longitude: 72° 30' West**

**for**



**GOLD SUMMIT MINES LTD.  
Suite 1414, 181 University Avenue  
Toronto, ON Canada M5H 3M7**

**James Pirie  
Toronto, Ontario  
May 2003**



**MRN-GÉOINFORMATION 2003**

**GM 60333**

**TM 03197 05D**

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# **REPORT ON THE 2002 EXPLORATION PROGRAM ON WINDY PROPERTIES EASTMAIN RIVER AREA**

## **INTRODUCTION**

In September 2001, the joint venture between Ashton Mining of Canada Inc. and SOQUEM (Ashton/SOQUEM JV) announced the discovery of kimberlitic rocks in the Otish Mountains area of North Central Quebec. In December 2001, the joint venture released news that analysis of core samples from one of the bodies showed that it was diamondiferous. During winter 2002, Gold Summit Mines Ltd. (Gold Summit) initiated a diamond exploration program just north of the Otish Mountains in the Eastmain River area, between the two major areas staked mainly by the Ashton/SOQUEM JV and Majescor Resources Inc. Gold Summit acquired interests in some 49,000 hectares spread throughout the area (Figure 1) in a number of claim blocks, nine of which were optioned from associated companies Windy Mountain Explorations Ltd. and Western Troy Capital Resources Inc. and are referred to collectively in this report as the Windy properties.

Using the knowledge that some of the diamond-bearing kimberlite bodies already discovered could be identified from their magnetic anomaly characteristics, Gold Summit selected a number of small circular magnetic features on its various claim blocks, using a number of available airborne magnetic surveys, including the federal government surveys and others in the assessment files of the Quebec government. All the selected anomalies were evaluated systematically and assigned a priority for further field checking and sampling.

During the summer of 2002, a field program was mounted to examine the magnetic anomaly targets in the field and to sample the glacial till on the down-ice side of the high priority features. The program was managed by Roscoe Postle Associates Inc., Toronto, Ontario, (RPA) under the field supervision of R.E. Routledge, consulting geologist. The field crew was based at the camp of the former Eastmain Gold Mine, some 25 km east of the nearest Windy claim block and the sampling was supported by helicopter, based at the camp.

The till samples were shipped to Thunder Bay and processed at the Kennecott Canada Exploration Inc. Mineral Processing Laboratory to produce a heavy mineral concentrate which was observed and picked for likely kimberlite indicator minerals (KIMs).

## **PROPERTY AND AGREEMENT**

The option agreement between Gold Summit and Windy covers a total of 307 staked claims in two claim blocks, termed Windy 1 (located at the intersection of NTS sheets 33A/02, 03, 06, 07) and Windy 2 (in NTS 33A/07) and a total of 121 claims map staked in early 2002 which are located in a belt extending through the contiguous boundaries of NTS blocks

33A/02, 33A/03, 33A/07 and 33A/08. The claims are shown on Figures 2A to 2G and listed in Appendix A.

The option agreement permitted Gold Summit to earn a 70% interest in the diamond rights of the claims by making annual payments totalling \$180,000 and carrying out \$500,000 of work over 3 years with Windy retaining a 1.5% NSR royalty.

## **LOCATION AND ACCESS**

The claim blocks are located some 300 km NNE of the mining town of Chibougamau, Quebec, (Figure 1) which has highway and airline connections to Montreal. An all-weather gravel road links Chibougamau with Temiscamie and Albanel some 170 km to NNE via the village of Mistissini. From the northern end of this road, a winter road connects all the way to the former Eastmain Gold Mine, where there is also a landing strip capable of handling DC-3 and similar sized aircraft on wheels. Fixed or rotary winged aircraft are required to reach all of the properties. During the summer months, float equipped fixed-wing aircraft can be leased from small air service companies in Chibougamau or Mistissini. The nearest helicopter base is located in Chibougamau.

## **HISTORY OF DIAMOND EXPLORATION IN THE REGION**

During the 1960s and 1970s, exploration for uranium occurred in the Otish Mountains area and specifically within the Tichegami area (33A/01). In 1978, Uranerz Mining and Exploration Ltd. intersected a kimberlite while exploring for uranium. This intrusion, now known as the Lac Beaver kimberlite, is located approximately 30 km south of Windy 10 property. Drilling conducted by Ditem Exploration Inc. in 1997 delineated a kimberlite body with a surface area of 1.5 hectares. Pure Gold Minerals Inc. acquired an option on the permits held by Ditem and in April 2002 completed a drilling program resulting in the intersection of two new kimberlitic intrusions, some 25 km SSW of the Eastmain Gold Mine. Microdiamond results for this discovery were disappointing.

More recently, joint venture partners Ashton/SOQUEM and BHP-Billiton Ltd./Majescor have carried out regional till sampling programs throughout the general area and are currently exploring properties immediately to the north and south of the Windy properties. Diamond bearing kimberlites known as the Renard cluster have been located on Ashton/SOQUEM JV property, located some 60 km northeast of the Windy properties.

The Renard cluster consists of eight diamondiferous kimberlites grouped within an elongate 1.5 kilometres area located on the Foxtrot Property some 360 kilometres northeast of Chibougamau. A total of 11.34 carats of diamonds greater than 0.85 mm in two directions were recovered from 12.13 tonnes of kimberlitic material collected from a mini-bulk sample from each of Renard 2, 3 and 4. In 2003, Ashton will collect a combined total of about 40 tonnes of kimberlitic material from Renard 2, 3, 4, 5 and 6 for more detailed

evaluation. Delineation drilling is also continuing on Renard 2, 3, 4, 5, 6 and 8 in 2003 to more accurately determine the size of each body.

## GEOLOGICAL SETTING

**Bedrock Geology.** The project is located within the eastern portion of the Archaen Superior craton. The Eastmain area is underlain predominantly with schists and gneisses of sedimentary origin along with minor metavolcanic assemblages. Linear belts of supracrustal metavolcanic rocks occur throughout the area, generally trending east-west or west-northwest. The Otish Mountains and Mistassini Groups of Proterozoic clastic sedimentary rocks overlie Archean lithologies in the south, marginal to the Grenville Province. Northwest-trending Proterozoic diabase and gabbro dykes up to 30 metres wide crosscut all older rocks.

**Quaternary Geology.** Regionally, a large feature known as the New Quebec Ice Divide controlled Quaternary glacial flow. From this centre, ice flowed west toward Hudson Bay and SSW toward Lac Mistassini. Glacial lineaments are well developed and common. Eskers can be traced for over 100 kilometres and are orientated parallel to ice flow direction trending around 220 degrees. The general Eastmain River area is almost entirely covered by glacial drift, composed largely of hummocky and discontinuous unmoulded ground moraine.

During the 2002 field program, Rick Routledge of RPA compiled Quaternary geological information over the area and documented his ideas on the glacial deposition. He concluded that the Quaternary deposits form part of an earlier terminal glacier wastage area that had associated ice contact deposits and glaciofluvial deposition along spillways (eskers and outwash materials) seen extending SSW along regional glacial trend (retreat phase) towards the Windy properties. These older deposits have been overridden by the last ice advance that redistributed the materials as fluted ground moraines or low relief drumlins that are the predominant landforms on much of the Windy and adjacent properties in the map area.

The resulting tills are composed of reworked outwash and older tills combined with material newly entrained during the last advance. This late advance is supported by one sample site where till was observed overlying glaciolacustrine clays that generally form in low drainage areas during glacial retreat.

The implication for tracing KIMs in fluted and drumlinoidal overburden to source is that considerable dilution is expected and the component of KIM heavy minerals from a point source will be low in the tills, and may be subjected to secondary dispersion thereby redistributing the train over a broader area.

Areas of boulder lag, strong oxidation of matrix-poor material and iron cementing of till were noted elsewhere in the area. This indicates stagnant ice where supraglacial till (melt out/ablation till) is washed and weathered with a resulting loss of fines, including KIMs.

Evidence of local glacial transport was seen near Windy 10 block adjacent to an esker system. Readily identifiable quartz-veined diabase dike contact zone rock was redeposited in outcrop stoss side till within 40 m of source. This supports the style of sampling used by RPA, in which overburden was collected fairly close to the kimberlite target at 150 m and 250 m down ice of the centre of the airborne magnetic survey anomaly. These are sufficient distances to allow for a 100 m to 200 m diameter of the target but close enough to avoid dilution of any potential KIM dispersal train.

## TARGET SELECTION

A detailed airborne magnetic survey with nominal line spacing of 120 m, flown in 1990, covers an area which includes all of the Windy claim blocks. Isolated positive and negative magnetic anomalies with circular outlines, suggesting a possible intrusive feature less than 300 m across, were selected for further examination in conjunction with other available topographic and geological information. The anomalies, typically occurring on single flight lines with simple peak profiles, were assigned the higher priority and were examined on the ground by the crew prior to sampling. Targets selected on the Windy claim blocks are shown on Figures 3A, B and 4A, B and the target numbers, sample numbers and claim locations are given in Table 1.

## SAMPLING

The sampling program was carried out during the month of August using a Hughes 500D helicopter on contract from Abitibi Helicopters Ltd. of LaSarre, Quebec. The 500D was equipped with an underbelly cargo pod and pilot door bubble. This aircraft can carry pilot and four passengers, provided all are not large people. During the initial two weeks, 2 ferry flights were necessary to place two, two-person crews on the properties. For the final weeks of long ferrying, a lighter crew was hired that could be transported in one ferry flight once sample and fuel caching were completed.

The target sites were located from the air by helicopter GPS instrumentation as well as the hand-held Garmin "eTrex" instruments as backup. Landing sites for the Hughes 500D helicopter were chosen where possible down-ice of the magnetic anomaly to allow examination of boulders while approaching the target area and to minimize distance to pack the samples back to the helicopter. The hand-held GPS instruments were used to locate the actual target area on the ground for examination. The target sites were examined/prospected (unless fly-over determined otherwise) and observations recorded. Following target site examination, compasses and GPS instruments were used to navigate down-ice at about 220° azimuth (SSW) and to locate sites at 150 m and 250 m distances for overburden sample collection.

Holes were dug by short handle shovel (assisted by mattock) from 15 cm to 60+ cm deep. The sphagnum moss, peaty organic, grey leach and rusty oxidized upper "B" horizon layers were stripped away and the grey, less oxidized soils were preferentially sampled where possible. In many areas, however, penetration to low-oxidized material or the ability to

collect sufficient sample matrix ( $\pm 25$  kg) suitable for KIM screening was not possible due to:

- flooding of the hole at the water table
- deep oxidation and/or iron cementing of stoney soil particularly in boulder lag areas where the moraine surface has been washed in periglacial time or the water table has fluctuated in more recent time
- periglacial washing of surficial material removed much matrix to practical sampling depth; this was noted where the first 15 cm to 20 cm of the hole was cobble/bouldery with volume of matrix material progressively increasing with depth.

Average sample weight (wet) was about 19 kg (42 lbs) with samples being weighed to  $\pm 1$  lb on a metal industrial weigh-scale at the Eastmain airstrip service shack. Initially sample collection/bagging was controlled by bag volume (3/4 bag) however moisture content impacts on overall sample weight and judgment in the field was the determining factor as well as the availability of matrix material, and the practical issue of how much time to spend digging (how many trial holes) at a particular site. Sampling by Majescor Resources Inc. from 1999 to 2001 resulted in 15 kg average sample size probably for similar reasons as well as weighing miscalibration (Kelly, 2002).

Sampling data were entered into a database nightly with locations checked using Excel graphics and where necessary, if sites were mislocated with respect to ice direction, the site revisited and resampled. Samples were given a priority rank from 1 (high priority) to 3 (low priority) for processing order: High priority samples are generally tills with good quality matrix or samples that will be needed for assessment filing purposes. Low priority samples are glaciofluvial material or poor quality matrix that may not provide sufficient unweathered heavy KIMs.

Samples were either backhauled to Mistissini by single Otter and transported by pickup truck to Chibougamau where they were shrink wrapped on pallettes and trucked to the Kennecott laboratory in Thunder Bay or were flown from the Eastmain Camp airstrip during crew demobilization by DC3 to Chibougamau, thence to Oshawa where they were shipped to Thunder Bay.

## **HEAVY MINERAL SAMPLE PROCESSING**

Sample processing at Kennecott Canada Exploration Inc. Mineral Processing Laboratory in Thunder Bay, Ontario, consists of wet and dry processes including de-sliming, sieving, magnetic separation, heavy liquid separation and classifying (see flowchart). This procedure reduces the sample size from 20 kilograms to a concentrate of approximately 50 grams.

After samples are received, they are logged in and stored outdoors before processing. Processing commences with samples being placed into mixers and washed to remove the clay and silt fraction. This is accomplished by continually adding water in a process called

desliming. The wet sample is then sieved using a 0.979mm square aperture screen. The +0.979-mm oversize is discarded and the undersize fraction is dried in a large oven. The dry sample is screened using an automated sieve shaker, equipped with 0.5-mm and 0.25-mm square aperture sieves, or U.S.A. Sieve Series equivalent 35 and 60, respectively. The -0.25-mm undersize material is passed through a stacked splitter and a 1/8th split is taken and placed in a kraft bag for possible ICP analysis.

The +0.25 -0.5-mm and -0.979 +0.5-mm fractions move forward in the processing stream separately. Subsequent to sieving, the sample is separated with a Reading Pilot Roll magnetic separator, which splits the sample into a paramagnetic and diamagnetic fraction. The magnetic fraction is then titrated in non-toxic sodium polytungstate [Na<sub>6</sub>(H<sub>2</sub>W<sub>12</sub>O<sub>40</sub>)] with specific gravity of 2.89 g/cm<sup>3</sup>. All kimberlitic indicator minerals sink in this liquid. The 'sinks' are the paramagnetic, heavy mineral concentrate that is sent to the microscopy laboratory for observation.

## **HEAVY MINERAL CONCENTRATE EXAMINATION**

Observation of heavy mineral concentrates was performed in Kennecott Canada Exploration Inc. Mineral Processing Laboratory in Thunder Bay (see Chart). Trained Mineral Technicians examined each grain using binocular microscopes equipped with fibre-optic lights and attached Gerryts belts. Mineral Technicians removed all suspected kimberlitic grains, recorded the totals on an observation logsheet, and later transfer the data to the Laboratory Information Management System. Following observation, suspected indicator minerals are examined by a mineralogist who confirms the grain identifications. Selected grains are then described, numbered and submitted for electron microprobe analysis.

## **KIMBERLITE INDICATOR MINERAL RESULTS AND DISCUSSION**

The details of each processed till sample is shown as an individual table in Appendix B and the number of KIMs in individual samples are summarized in Table 1. Of the 93 samples collected from the Windy properties, 22 samples contained between 1 and 3 KIMs (Table 1).

Further assessment shows that most of the KIMs identified in the samples were ilmenite, olivine, pyroxene and a few garnets, many of which are likely to be from crustal sources. Of most interest were three single grains of lherzolitic pyrope which were picked from three separate samples.

Probe analyses (Appendix C) show that two of the samples with pyropes, 348075 and 348142, are located within 1 km of each other on Windy 2 block, although three other samples from the vicinity contain no KIMs. Sample 348023 from the eastern part of Windy 6 block also has one pyrope whereas nearby sample 348022, 100 m away, has no KIMs. Sample 348079 from Windy 1 contains one picro-ilmenite of interest with some 13% MgO. Several olivines have high levels of MgO (forsterite content >90%) and could be

kimberlitic. Probe analysis of selected ilmenites confirmed these to be crustal ilmenites or magnetite.

The low numbers of KIMs in the samples from the Windy claims in general are disappointing, since all the sampling on the claim blocks was laid out to test specific magnetic anomaly targets and larger numbers of key KIMs such as pyrope and picro-ilmenite should be expected in any sample taken within 200 m of a kimberlite body. The specific locations of the pyropes found in this program also line up with the inferred regional KIM dispersal train, down-ice from the Renard cluster of diamond-bearing kimberlites of Ashton/SOQUEM JV property, located some 60 km northeast of the Windy claims.

Future follow-up work should include further detailed field checking and sampling around the pyrope and picro-ilmenite occurrences to confirm whether the KIMs are part of a local or regional dispersal train.

## **SOURCES OF INFORMATION**

Ashton Mining of Canada Inc. (2002-03): Various Press Releases.

Clements, Brooke and O'Connor Alan (2002): Technical Report and Recommendations, The Otish Mountains Quebec Project. Ashton Mining of Canada Inc. SEDAR 32pp.

Kelly, Daniel (2002): Technical Report on Portage Extension and Mistassini Projects, Northwest Quebec. Majescor Resources Inc. SEDAR 43pp.

Lipton, Greg (2002): Landsat5, Path 15, Row 23/24, UTM Zone 18U, Clarke 1866, NAD 27, Sept 21, 1987.

Routledge, R.E. (2002): Prelim Interpretation of Quaternary Geology, Area of Gold Summit Mines Ltd. Otish Mountains, QC, Diamond Exploration Properties and Notes on Sampling. Draft Memo, August 29, 2002.

**TABLE 1: Till Sample Survey, Windy Properties**

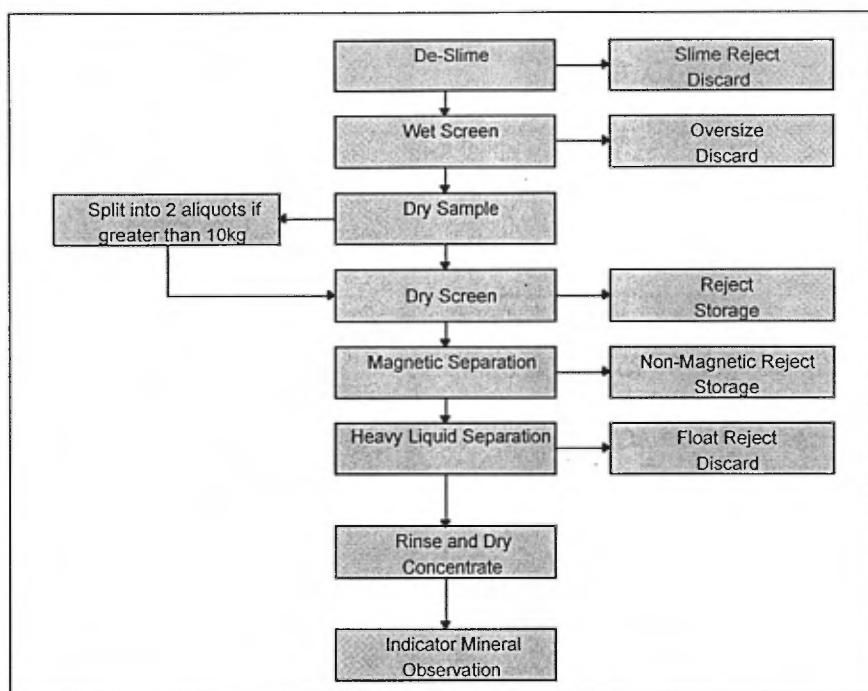
**TABLE 1: Till Sample Survey, Windy Properties (cont'd)**

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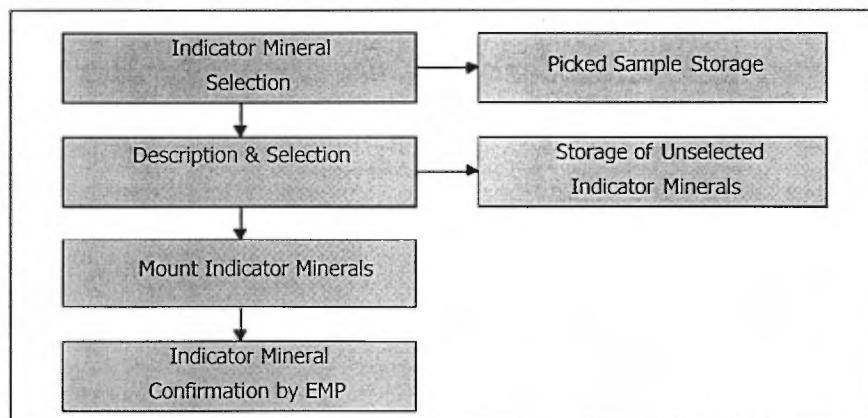
Sample Number	Property	Claim No.	NTS Sheet	Anomaly	Work Order	Number of KIM's	Ilmenite	Olivine	Ortho-Pyroxene	Clinopyroxene	Chrome Diopside	Picro-ilmenite	Garnet	Pyrope	Probe Comments
348120	Windy 10	1046923	33A08	W10-C	02HM059	0									
348121	Windy 10	1046923	33A08	W10-C	02HM059	1	1								magnetite, not ilm.
348122	Windy 8	1050108	33A02	30240A	02HM064	0									
348123	Windy 8	1050108	33A02	30240A	02HM064	0									
348124	Windy 8	1050104	33A02	30400A	02HM064	0									
348125	Windy 8	1050104	33A02	30400A	02HM064	0									
348126	Windy 8	1050098	33A02	W8-B	02HM064	0									
348127	Windy 8	1050098	33A02	W8-B	02HM064	0									
348128	Windy 8	1050080	33A02	W8-A	02HM064	0									
348129	Windy 8	1050080	33A02	W8-A	02HM064	1	1								opx not ol
348130	Windy 8	1050092	33A02	W8-D	02HM059	0									
348131	Windy 8	1050092	33A02	W8-D	02HM059	0									
348132	Windy 8	1077676	33A02	W8-F	02HM059	0									
348133	Windy 8	1077676	33A02	W8-F	02HM059	0									
348140	Windy 2	5202379	33A07	W2-C	02HM060	0									
348141	Windy 2	5202380	33A07	W2-C	02HM060	0									
348142	Windy 2	5202380	33A07	W2-D	02HM060	2									
348151	Windy 1	5052118	33A02	LB-A	02HM060	0									
348153	Windy 1	5052118	33A02	LB-A	02HM060	1	1								93.9% Fo
348154	Windy 1	4620395	33A03	W1-H	02HM065	0									
348155	Windy 1	4620395	33A03	W1-H	02HM065	0									
348156	Windy 1	5046454	33A03	W1-E	02HM065	0									
348157	Windy 1	5046454	33A03	W1-E	02HM060	0									
348158	Windy 1	5046434	33A03	40330A	02HM060	0									
348159	Windy 1	5046434	33A03	40330A	02HM060	0									
348160	Windy 1	5046411	33A03	40240B	02HM060	0									
348161	Windy 1	5046412	33A03	40240B	02HM065	0									
348162	Windy 1	5046503	33A02	40570A	02HM065	0									
348163	Windy 1	5046503	33A02	40570A	02HM065	0									
348164	Windy 5	1081253	33A03	W5-B	02HM065	0									
348165	Windy 5	1081253	33A03	W5-B	02HM065	0									
348166	Windy 5	1081254	33A03	40180A	02HM065	0									
348167	Windy 6	1050055	33A02	61210A	02HM065	0									
348168	Windy 6	1050055	33A02	61210A	02HM061	0									
348171	Windy 6	1050048	33A02	W6-E	02HM065	0									
348172	Windy 6	1050048	33A02	W6-E	02HM065	1	1								92.6% Fo
348173	Windy 7	1050091	33A02	W7-C	02HM061	0									
348174	Windy 7	1050091	33A02	W7-C	02HM061	0									
348175	Windy 7	1050091	33A02	W7-D	02HM065	0									
348176	Windy 7	1050091	33A02	W7-D	02HM061	0									
348177	Windy 3	1054823	33A07	W3-A	02HM061	0									
348178	Windy 3	1054823	33A07	W3-A	02HM061	0									

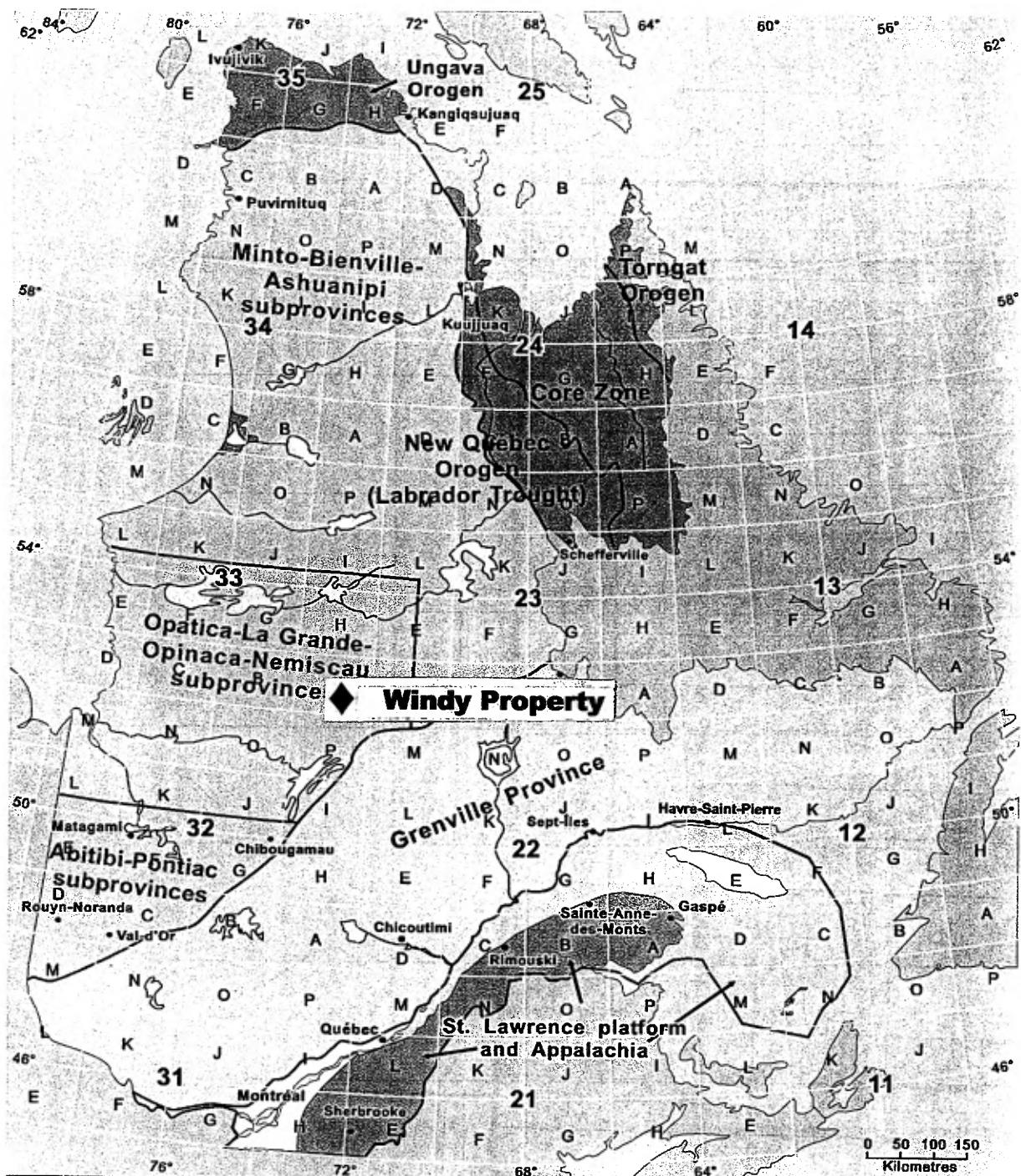
23

**TABLE 2. HEAVY MINERAL PROCESSING FLOWCHART.**

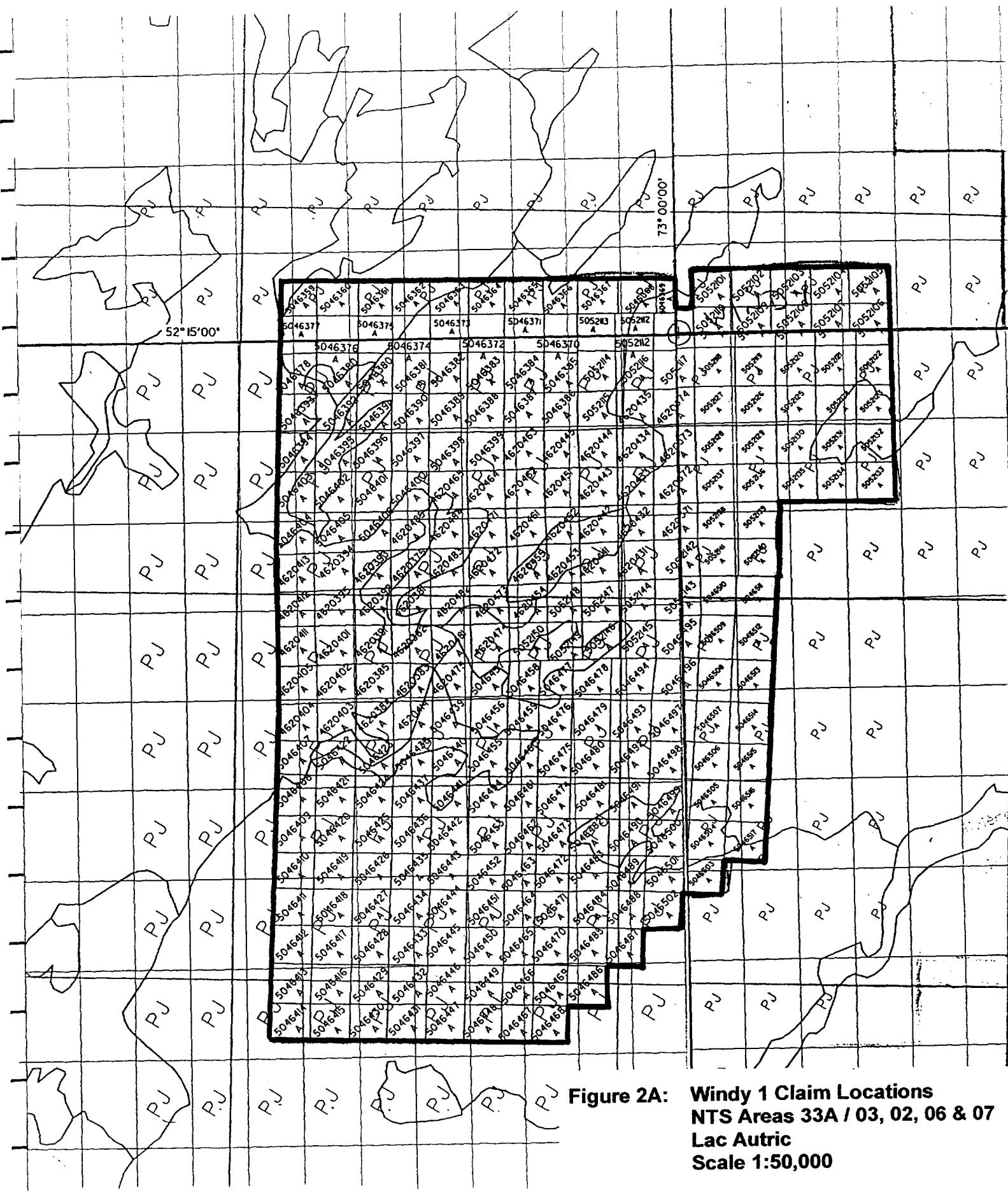


**TABLE 3. OBSERVATION AND SELECTION FLOWCHART.**

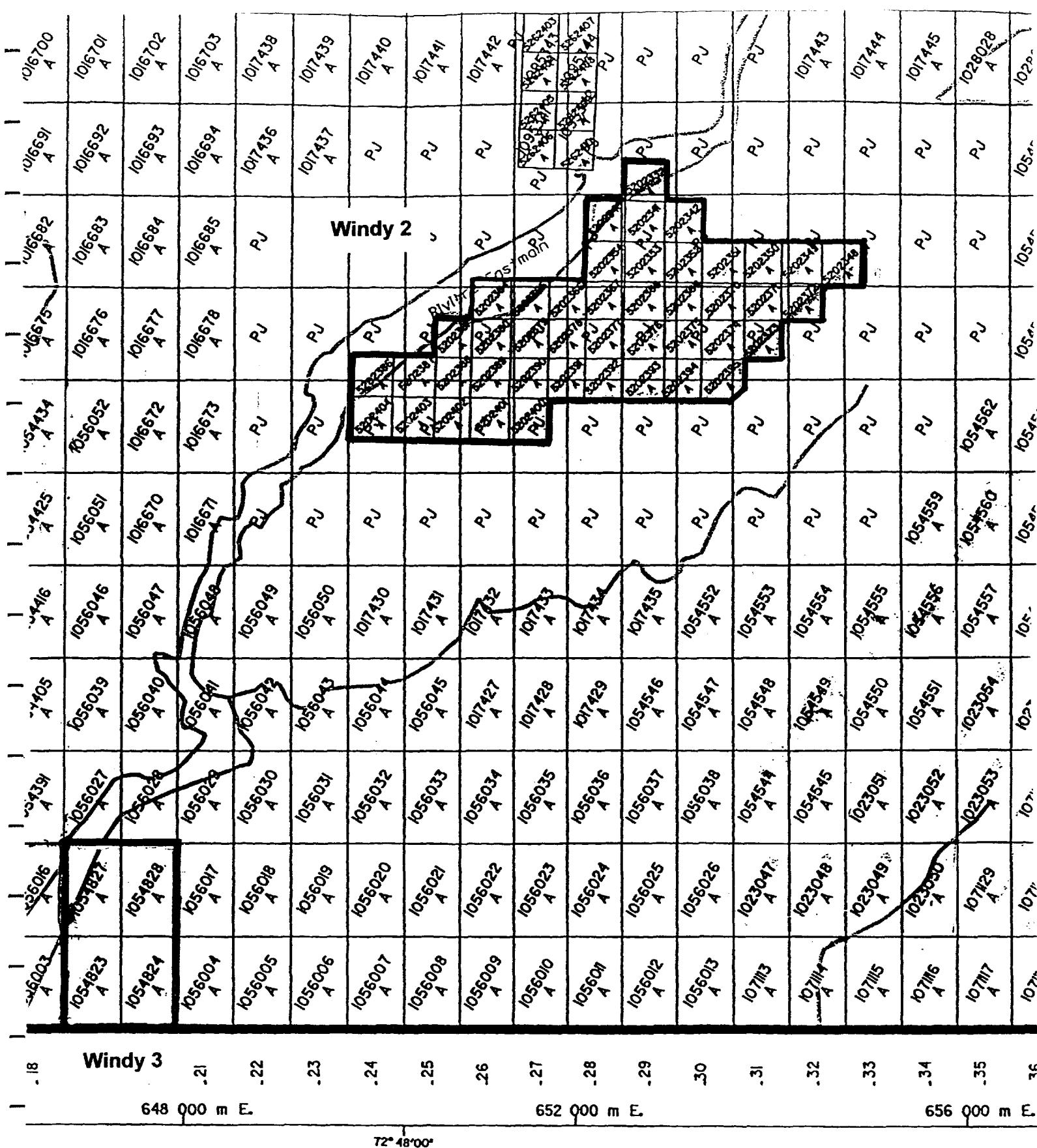




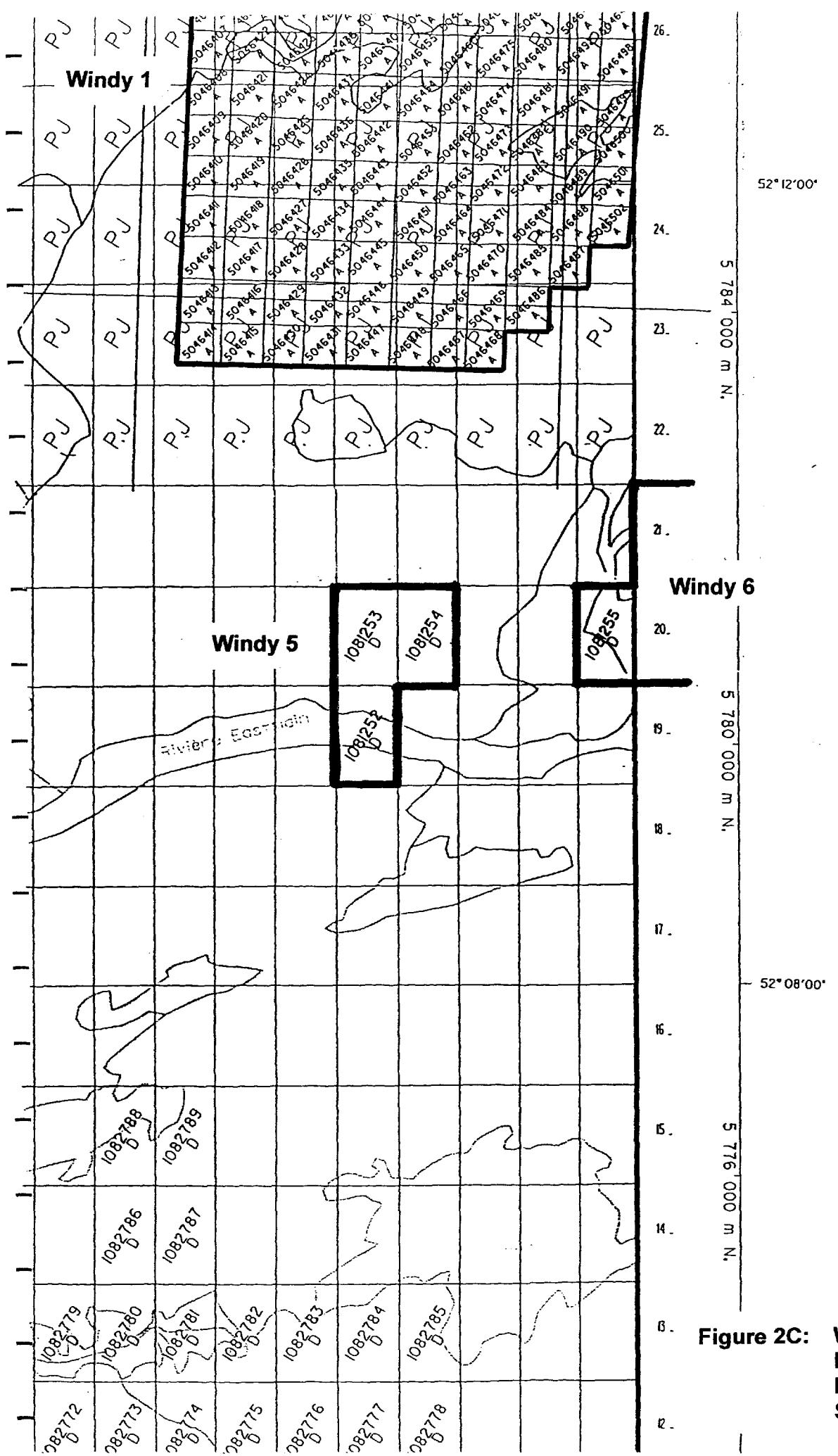
**Figure 1: Windy Property Location Map**



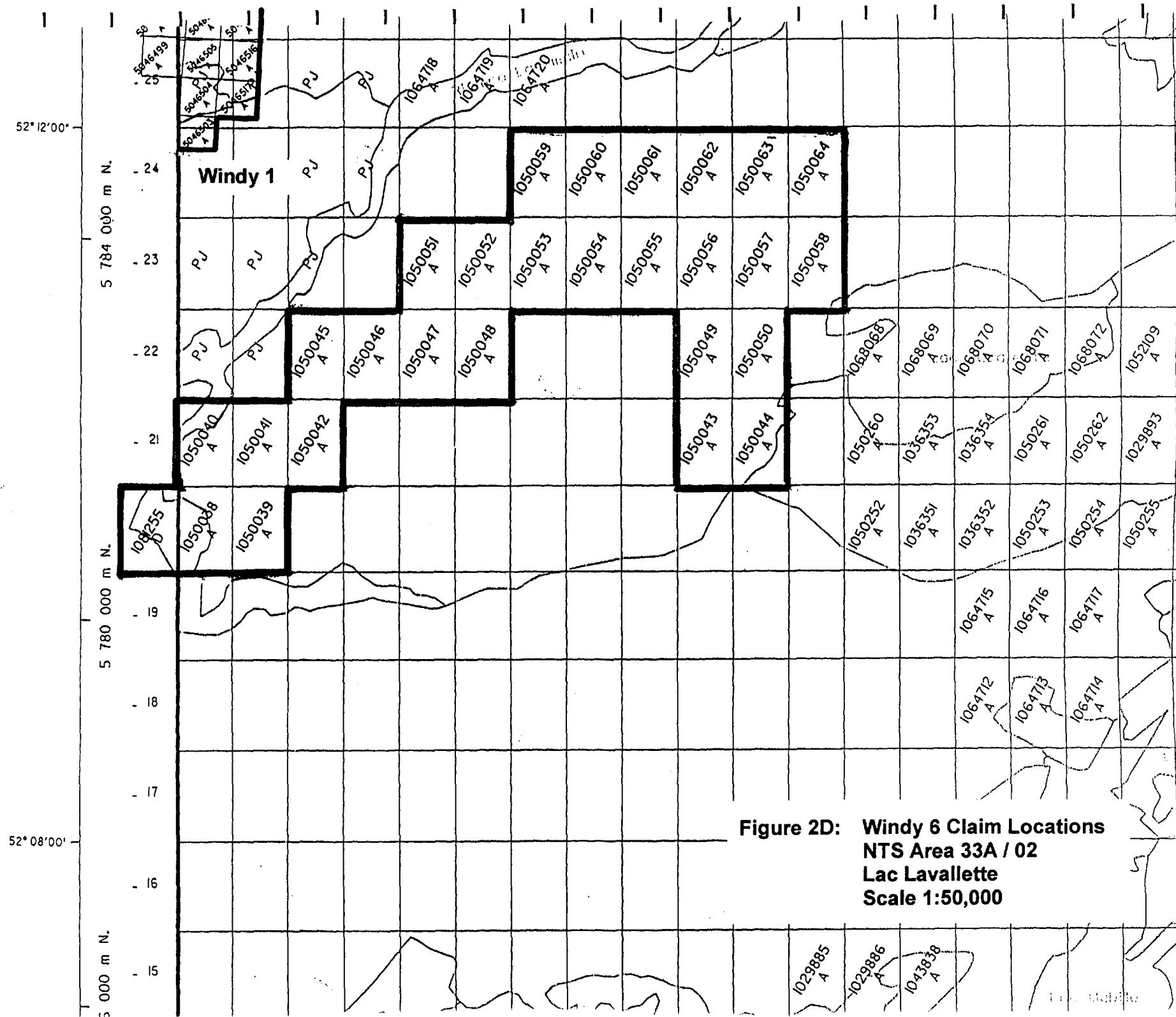
**Figure 2A: Windy 1 Claim Locations  
NTS Areas 33A / 03, 02, 06 & 07  
Lac Autric  
Scale 1:50,000**



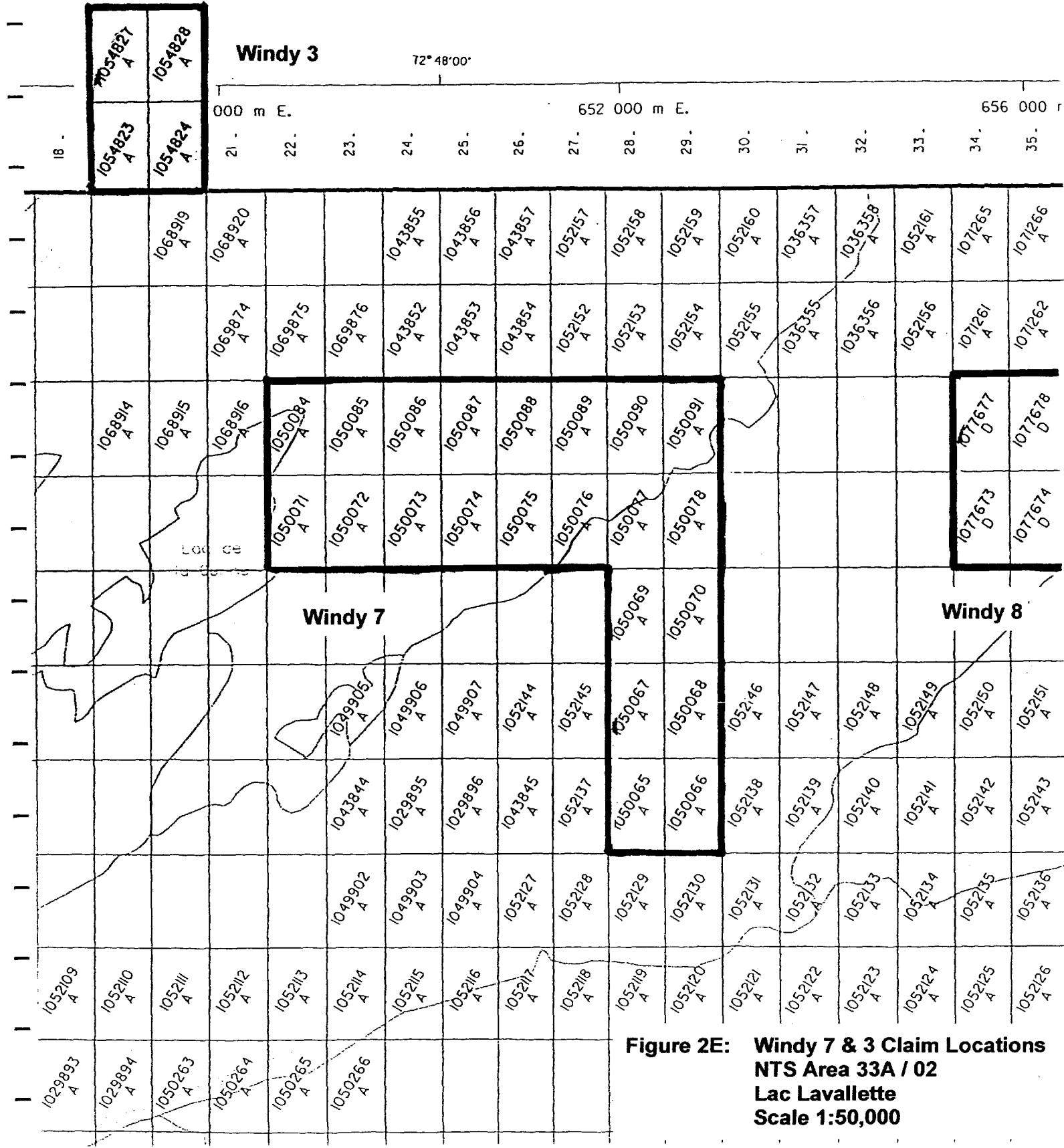
**Figure 2B: Windy 2 & 3 Claim Locations  
NTS Area 33A / 07  
Lac Cadieux  
Scale 1:50,000**



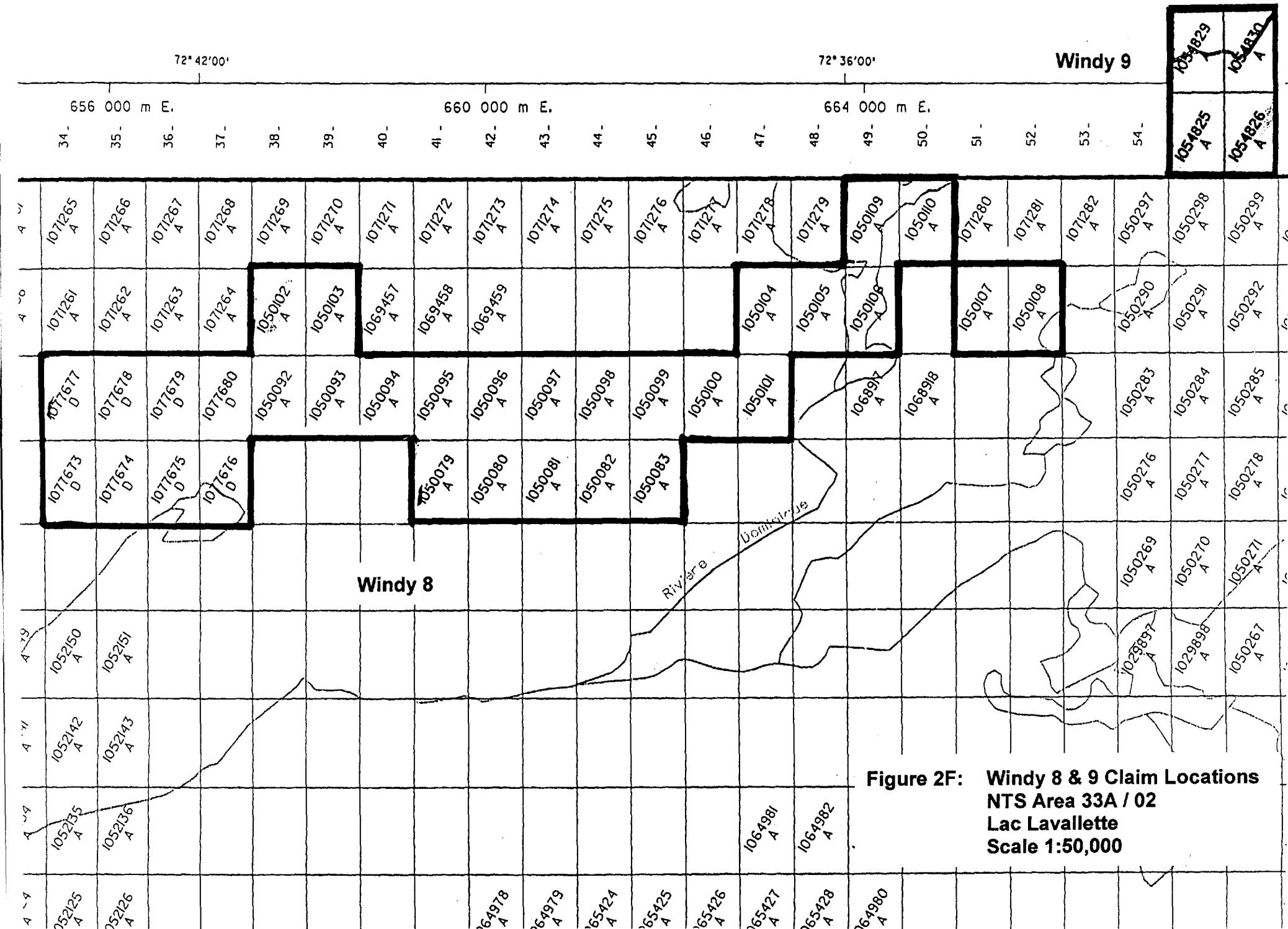
**Figure 2C: Windy 5 Claim Locations  
NTS Area 33A / 03  
Lac Autric  
Scale 1:50,000**



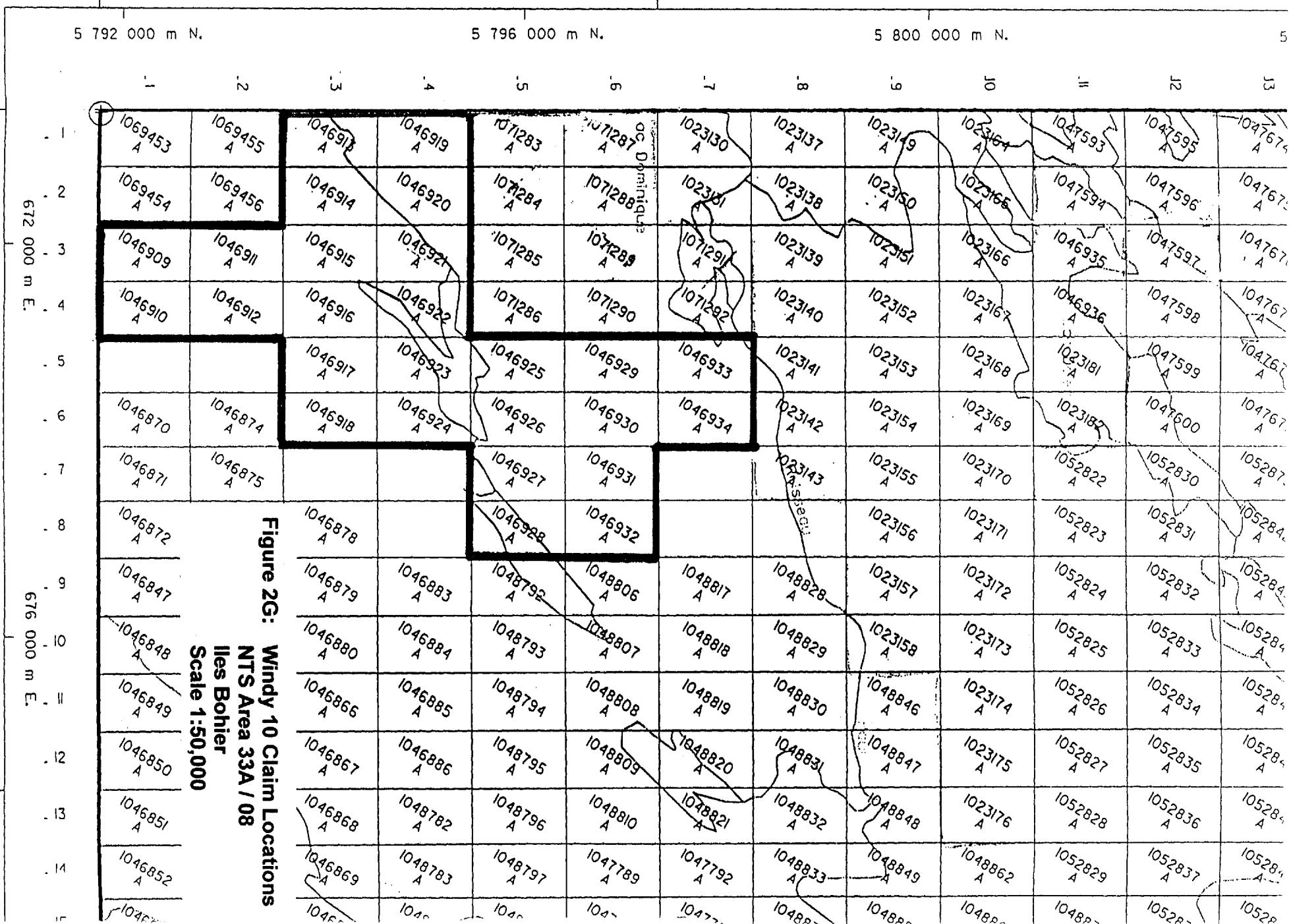
**Figure 2D: Windy 6 Claim Locations  
NTS Area 33A / 02  
Lac Lavallette  
Scale 1:50,000**



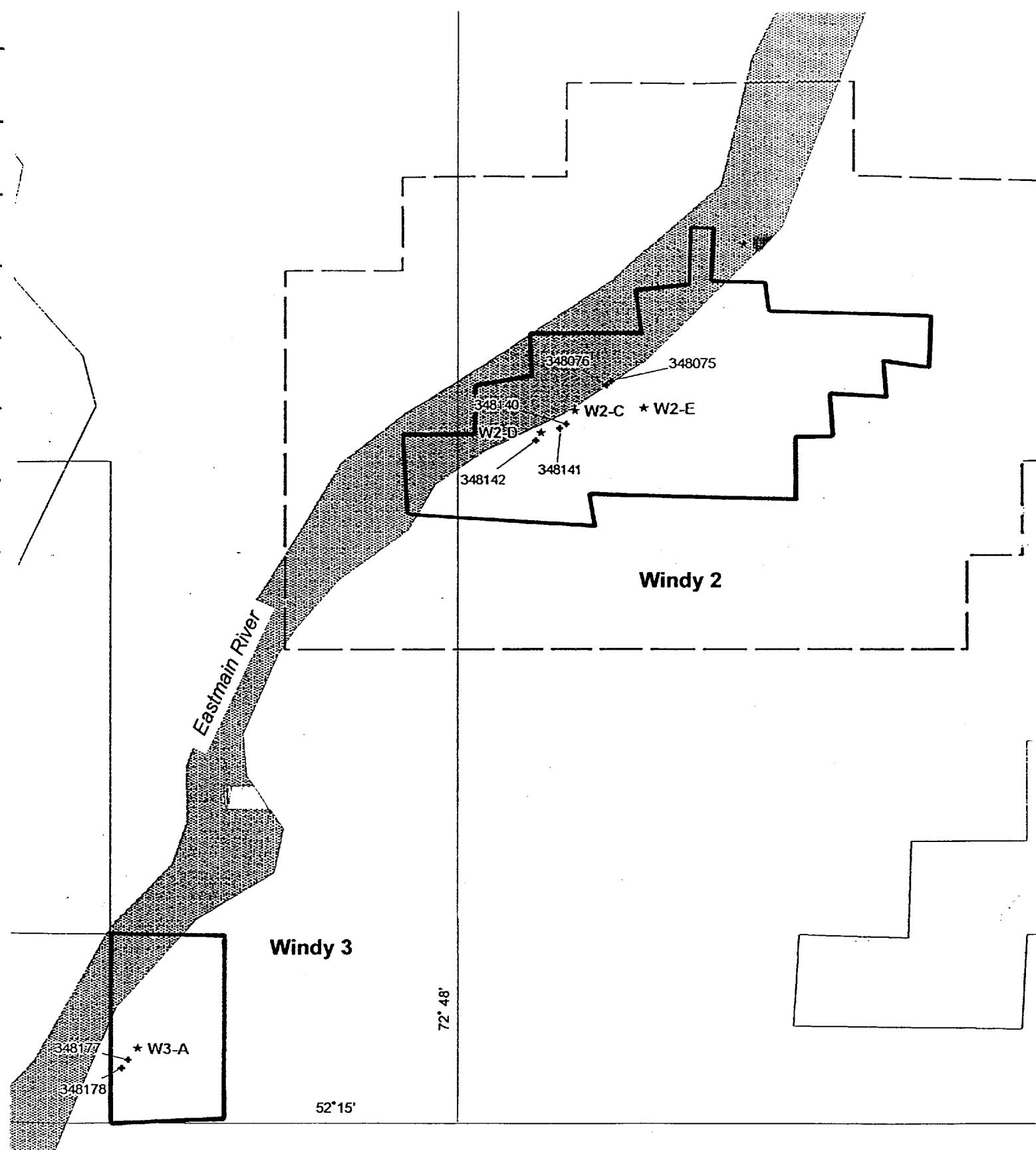
**Figure 2E: Windy 7 & 3 Claim Locations  
NTS Area 33A / 02  
Lac Lavallette  
Scale 1:50,000**



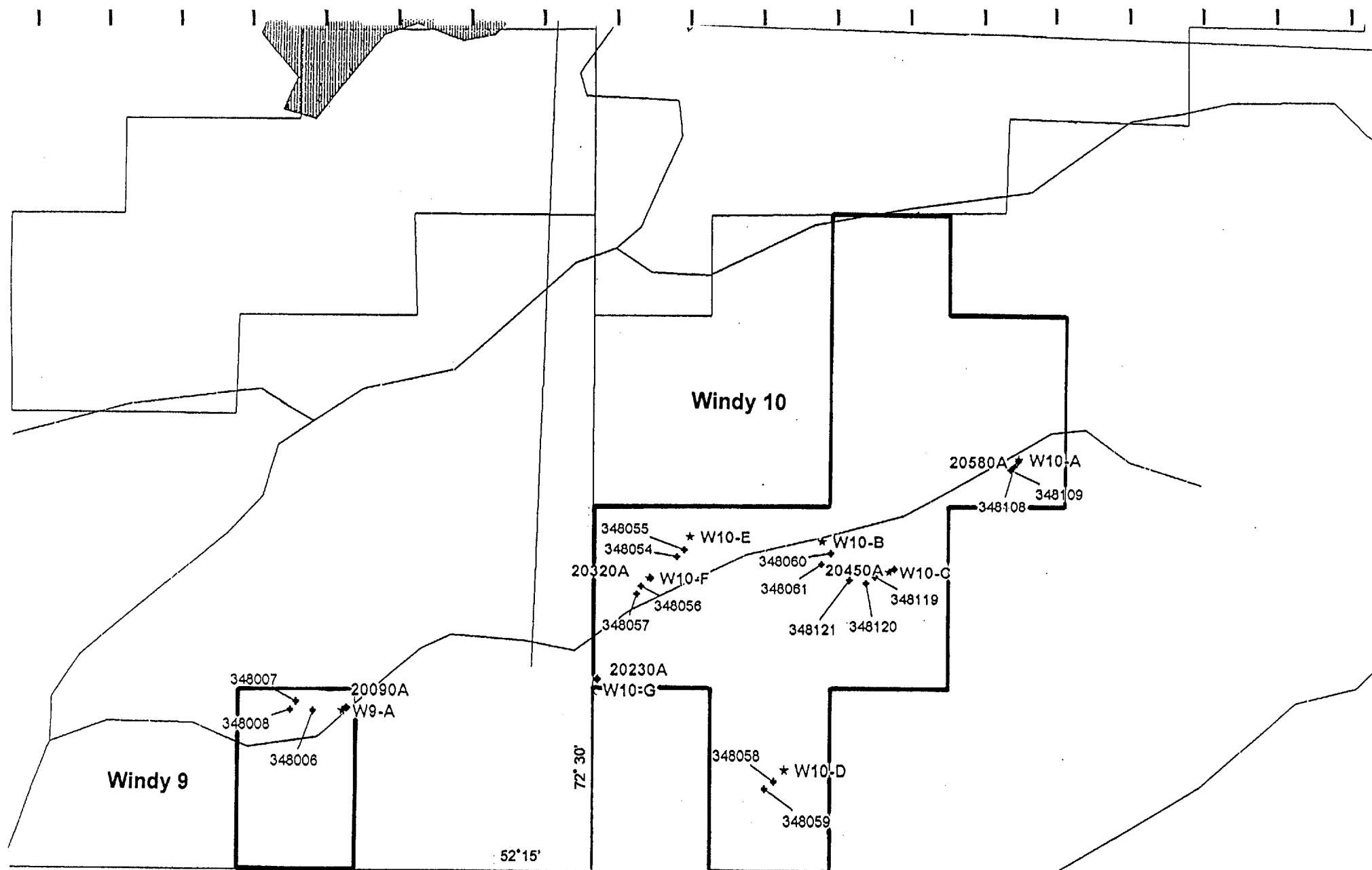
**Figure 2F: Windy 8 & 9 Claim Locations  
NTS Area 33A / 02  
Lac Lavallette  
Scale 1:50,000**



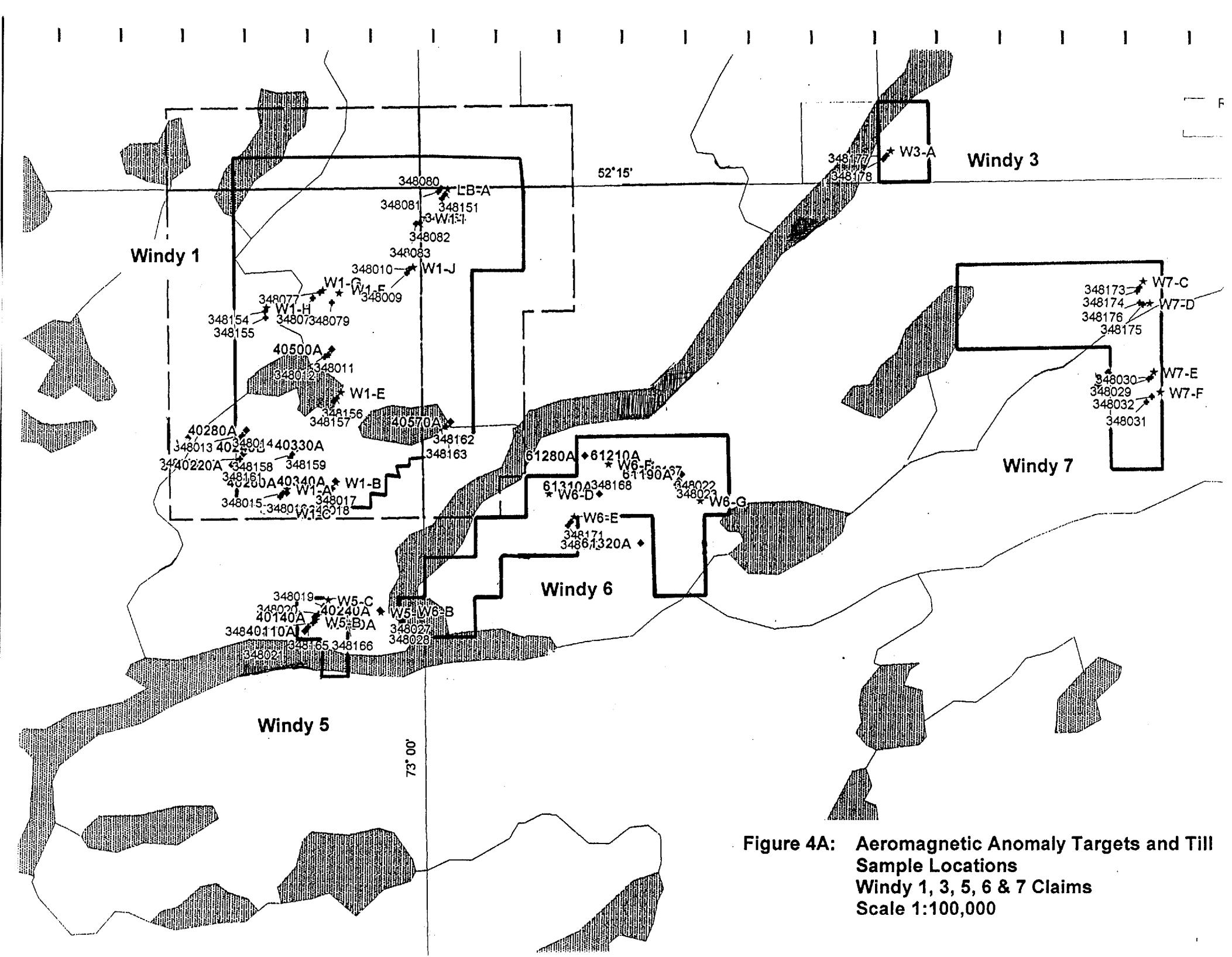
**Figure 2G:** Windy 10 Claim Locations  
NTS Area 33A / 08  
Îles Bohier  
Scale 1:50,000



**Figure 3A: Aeromagnetic Anomaly Targets and Till Sample Locations  
Windy 2 & 3 Claims  
Scale 1:50,000**



**Figure 3B: Aeromagnetic Anomaly Targets and Till Sample Locations  
Windy 9 & 10 Claims  
Scale 1:50,000**



**Figure 4A: Aeromagnetic Anomaly Targets and Till Sample Locations**  
**Windy 1, 3, 5, 6 & 7 Claims**  
Scale 1:100,000

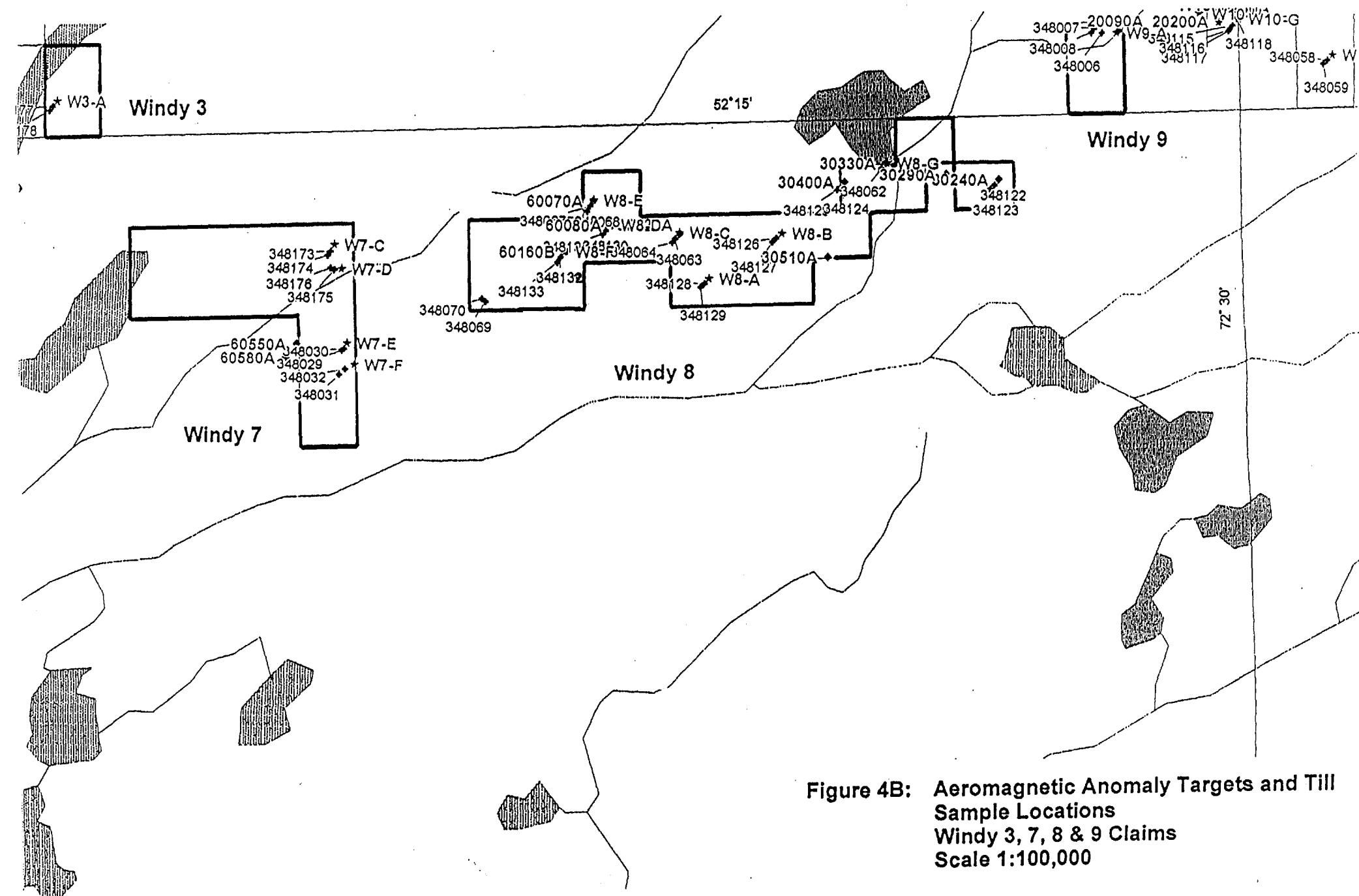


Figure 4B: Aeromagnetic Anomaly Targets and Till Sample Locations  
Windy 3, 7, 8 & 9 Claims  
Scale 1:100,000

**APPENDIX A**  
**List of Claims, Windy Properties**

SCHEDULE 1 - LIST OF CLAIMS

(Attached to and forming part of an Option Agreement between Gold Summit Mines Ltd.  
and Windy Mountain Explorations Ltd., Western Troy Capital Resources Inc. and Stanley  
Mourin dated as of 1st Day of February , 2002.)

<u>CLAIM</u>	<u>TOWNSHIP</u>	<u>DATE DUE</u>	<u>WORK DUE</u>	<u>TOTAL CRED</u>
4620371	33 A/03	2002/08/14	750.00	0.00
4620372	33 A/03	2002/08/14	750.00	1,019.35
4620373	33 A/03	2002/08/14	750.00	1,019.35
4620374	33 A/03	2002/08/14	750.00	1,019.35
4620431	33 A/03	2002/08/14	750.00	0.00
4620432	33 A/03	2002/08/14	750.00	1,019.29
4620433	33 A/03	2002/08/14	750.00	1,019.28
4620434	33 A/03	2002/08/14	750.00	1,019.28
4620435	33 A/03	2002/08/14	750.00	0.00
4620375	33 A/03	2002/08/15	750.00	0.00
4620381	33 A/03	2002/08/15	750.00	2,147.55
4620382	33 A/03	2002/08/15	750.00	45,713.15
4620383	33 A/03	2002/08/15	750.00	12,437.82
4620384	33 A/03	2002/08/15	750.00	779.28
4620385	33 A/03	2002/08/15	750.00	779.28
4620441	33 A/03	2002/08/15	750.00	0.00
4620442	33 A/03	2002/08/15	750.00	1,019.28
4620443	33 A/03	2002/08/15	750.00	1,019.28
4620444	33 A/03	2002/08/15	750.00	1,019.28
4620445	33 A/03	2002/08/15	750.00	0.00
4620451	33 A/03	2002/08/15	750.00	1,019.28
4620391	33 A/03	2002/08/16	750.00	779.28
4620392	33 A/03	2002/08/16	750.00	779.28
4620393	33 A/03	2002/08/16	750.00	0.00
4620394	33 A/03	2002/08/16	750.00	0.00
4620395	33 A/03	2002/08/16	750.00	779.28
4620401	33 A/03	2002/08/16	750.00	779.29
4620452	33 A/03	2002/08/16	750.00	14,227.83
4620453	33 A/03	2002/08/16	750.00	1,019.28
4620454	33 A/03	2002/08/16	750.00	48,798.04
4620455	33 A/03	2002/08/16	750.00	177,592.43
4620461	33 A/03	2002/08/16	750.00	88,936.53
4620462	33 A/03	2002/08/16	750.00	0.00
4620402	33 A/03	2002/08/17	750.00	779.29
4620403	33 A/03	2002/08/17	750.00	779.29
4620404	33 A/03	2002/08/17	750.00	779.29
4620405	33 A/03	2002/08/17	750.00	779.29
4620463	33 A/03	2002/08/17	750.00	0.00
4620464	33 A/03	2002/08/17	750.00	0.00
4620465	33 A/03	2002/08/17	750.00	0.00
4620471	33 A/03	2002/08/17	750.00	18,865.10
4620472	33 A/03	2002/08/17	750.00	232,104.85
4620473	33 A/03	2002/08/17	750.00	98,453.91
4620474	33 A/03	2002/08/18	750.00	0.00
4620475	33 A/03	2002/08/18	750.00	42,618.42
4620481	33 A/03	2002/08/18	750.00	19,828.66
4620482	33 A/03	2002/08/18	750.00	42,044.35
4620483	33 A/03	2002/08/18	750.00	2,387.53

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<u>CLAIM</u>	<u>TOWNSHIP</u>	<u>DATE DUE</u>	<u>WORK DUE</u>	<u>TOTAL CRED</u>
4620411	33 A/03	2002/08/19	750.00	779.28
4620412	33 A/03	2002/08/19	750.00	0.00
4620413	33 A/03	2002/08/19	750.00	0.00
4620484	33 A/03	2002/08/19	750.00	0.00
4620485	33 A/03	2002/08/19	750.00	0.00
4620414	33 A/03	2002/08/20	750.00	0.00
5046359	33 A/06	2002/09/23	750.00	0.00
5046360	33 A/06	2002/09/23	750.00	0.00
5046361	33 A/06	2002/09/23	750.00	0.00
5046362	33 A/06	2002/09/23	750.00	0.00
5046363	33 A/06	2002/09/23	750.00	0.00
5046364	33 A/06	2002/09/23	70.00	0.00
5046365	33 A/06	2002/09/23	750.00	0.00
5046366	33 A/06	2002/09/23	750.00	0.00
5046367	33 A/06	2002/09/23	750.00	0.00
5046368	33 A/06	2002/09/23	750.00	0.00
5046369	33 A/06	2002/09/23	750.00	0.00
5046370	33 A/03	2002/09/23	750.00	0.00
5046371	33 A/03	2002/09/23	750.00	0.00
5046372	33 A/03	2002/09/23	750.00	0.00
5046373	33 A/03	2002/09/23	750.00	0.00
5046374	33 A/03	2002/09/23	750.00	0.00
5046375	33 A/03	2002/09/23	750.00	0.00
5046376	33 A/03	2002/09/23	750.00	0.00
5046377	33 A/03	2002/09/23	750.00	0.00
5046378	33 A/03	2002/09/23	750.00	0.00
5046379	33 A/03	2002/09/23	750.00	0.00
5046380	33 A/03	2002/09/23	750.00	0.00
5046381	33 A/03	2002/09/23	750.00	0.00
5046382	33 A/03	2002/09/23	750.00	0.00
5046383	33 A/03	2002/09/23	750.00	0.00
5046384	33 A/03	2002/09/23	750.00	0.00
5046385	33 A/03	2002/09/23	750.00	0.00
5046386	33 A/03	2002/09/23	750.00	0.00
5046387	33 A/03	2002/09/23	750.00	0.00
5046388	33 A/03	2002/09/23	750.00	0.00
5046389	33 A/03	2002/09/23	750.00	0.00
5046390	33 A/03	2002/09/23	750.00	0.00
5046391	33 A/03	2002/09/23	750.00	0.00
5046392	33 A/03	2002/09/23	750.00	0.00
5046393	33 A/03	2002/09/23	750.00	0.00
5046394	33 A/03	2002/09/23	750.00	0.00
5046395	33 A/03	2002/09/23	750.00	0.00
5046396	33 A/03	2002/09/23	750.00	0.00
5046397	33 A/03	2002/09/23	750.00	0.00
5046398	33 A/03	2002/09/23	750.00	0.00
5046399	33 A/03	2002/09/23	750.00	0.00
5046400	33 A/03	2002/09/23	750.00	0.00

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<u>CLAIM</u>	<u>TOWNSHIP</u>	<u>DATE DUE</u>	<u>WORK DUE</u>	<u>TOTAL CRED</u>
5046401	33 A/03	2002/09/23	750.00	0.00
5046402	33 A/03	2002/09/23	750.00	0.00
5046403	33 A/03	2002/09/23	750.00	0.00
5046404	33 A/03	2002/09/23	750.00	0.00
5046405	33 A/03	2002/09/23	750.00	0.00
5046406	33 A/03	2002/09/23	750.00	0.00
5046407	33 A/03	2002/09/23	750.00	0.00
5046408	33 A/03	2002/09/23	750.00	0.00
5046409	33 A/03	2002/09/23	750.00	0.00
5046410	33 A/03	2002/09/23	750.00	0.00
5046411	33 A/03	2002/09/23	750.00	0.00
5046412	33 A/03	2002/09/23	750.00	0.00
5046413	33 A/03	2002/09/23	750.00	0.00
5046414	33 A/03	2002/09/23	750.00	0.00
5046415	33 A/03	2002/09/23	750.00	0.00
5046416	33 A/03	2002/09/23	750.00	0.00
5046417	33 A/03	2002/09/23	750.00	0.00
5046418	33 A/03	2002/09/23	750.00	0.00
5046419	33 A/03	2002/09/23	750.00	593.37
5046420	33 A/03	2002/09/23	750.00	13,570.40
5046421	33 A/03	2002/09/23	750.00	16,796.39
5046422	33 A/03	2002/09/23	750.00	0.00
5046423	33 A/03	2002/09/23	750.00	1,010.79
5046424	33 A/03	2002/09/23	750.00	1,010.79
5046425	33 A/03	2002/09/23	750.00	1,010.79
5046426	33 A/03	2002/09/23	750.00	16,002.02
5046427	33 A/03	2002/09/23	750.00	12,601.79
5046428	33 A/03	2002/09/23	750.00	0.00
5046429	33 A/03	2002/09/23	750.00	0.00
5046430	33 A/03	2002/09/23	750.00	0.00
5046431	33 A/03	2002/09/23	750.00	0.00
5046432	33 A/03	2002/09/23	750.00	0.00
5046433	33 A/03	2002/09/23	750.00	0.00
5046434	33 A/03	2002/09/23	750.00	0.00
5046435	33 A/03	2002/09/23	750.00	593.37
5046436	33 A/03	2002/09/23	750.00	1,010.79
5046437	33 A/03	2002/09/23	750.00	1,010.79
5046438	33 A/03	2002/09/23	750.00	1,010.79
5046439	33 A/03	2002/09/23	750.00	17,482.77
5046440	33 A/03	2002/09/23	750.00	16,191.39
5046441	33 A/03	2002/09/23	750.00	16,385.65
5046442	33 A/03	2002/09/23	750.00	49,735.84
5046443	33 A/03	2002/09/23	750.00	0.00
5046444	33 A/03	2002/09/23	750.00	0.00
5046445	33 A/03	2002/09/23	750.00	0.00
5046446	33 A/03	2002/09/23	750.00	0.00
5046447	33 A/03	2002/09/23	750.00	0.00
5046448	33 A/03	2002/09/23	750.00	0.00

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<u>CLAIM</u>	<u>TOWNSHIP</u>	<u>DATE DUE</u>	<u>WORK DUE</u>	<u>TOTAL CRED</u>
5046449	33 A/03	2002/09/23	750.00	0.00
5046450	33 A/03	2002/09/23	750.00	0.00
5046451	33 A/03	2002/09/23	750.00	0.00
5046452	33 A/03	2002/09/23	750.00	0.00
5046453	33 A/03	2002/09/23	750.00	0.00
5046454	33 A/03	2002/09/23	750.00	0.00
5046455	33 A/03	2002/09/23	750.00	593.42
5046456	33 A/03	2002/09/23	750.00	56,702.81
5046457	33 A/03	2002/09/23	750.00	0.00
5046458	33 A/03	2002/09/23	750.00	0.00
5046459	33 A/03	2002/09/23	750.00	55,961.01
5046460	33 A/03	2002/09/23	750.00	47,384.90
5046461	33 A/03	2002/09/23	750.00	0.00
5046462	33 A/03	2002/09/23	750.00	0.00
5046463	33 A/03	2002/09/23	750.00	0.00
5046464	33 A/03	2002/09/23	750.00	0.00
5046465	33 A/03	2002/09/23	750.00	0.00
5046466	33 A/03	2002/09/23	750.00	0.00
5046467	33 A/03	2002/09/23	750.00	0.00
5046468	33 A/03	2002/09/23	750.00	0.00
5046469	33 A/03	2002/09/23	750.00	0.00
5046470	33 A/03	2002/09/23	750.00	0.00
5046471	33 A/03	2002/09/23	750.00	0.00
5046472	33 A/03	2002/09/23	750.00	0.00
5046473	33 A/03	2002/09/23	750.00	0.00
5046474	33 A/03	2002/09/23	750.00	1,010.79
5046475	33 A/03	2002/09/23	750.00	53,110.04
5046476	33 A/03	2002/09/23	750.00	0.00
5046477	33 A/03	2002/09/23	750.00	0.00
5046478	33 A/03	2002/09/23	750.00	0.00
5046479	33 A/03	2002/09/23	750.00	0.00
5046480	33 A/03	2002/09/23	750.00	0.00
5046481	33 A/03	2002/09/23	750.00	0.00
5046482	33 A/03	2002/09/23	750.00	0.00
5046483	33 A/03	2002/09/23	750.00	0.00
5046484	33 A/03	2002/09/23	750.00	0.00
5046485	33 A/03	2002/09/23	750.00	0.00
5046486	33 A/03	2002/09/23	750.00	0.00
5046487	33 A/03	2002/09/23	750.00	0.00
5046488	33 A/03	2002/09/23	750.00	0.00
5046489	33 A/03	2002/09/23	750.00	0.00
5046490	33 A/03	2002/09/23	750.00	0.00
5046491	33 A/03	2002/09/23	750.00	0.00
5046492	33 A/03	2002/09/23	750.00	0.00
5046493	33 A/03	2002/09/23	750.00	0.00
5046494	33 A/03	2002/09/23	750.00	0.00
5046495	33 A/03	2002/09/23	750.00	0.00
5046496	33 A/03	2002/09/23	750.00	0.00

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<u>CLAIM</u>	<u>TOWNSHIP</u>	<u>DATE DUE</u>	<u>WORK DUE</u>	<u>TOTAL CRED</u>
5046497	33 A/03	2002/09/23	750.00	0.00
5046498	33 A/03	2002/09/23	750.00	0.00
5046499	33 A/03	2002/09/23	750.00	0.00
5046500	33 A/03	2002/09/23	750.00	0.00
5046501	33 A/03	2002/09/23	750.00	0.00
5046502	33 A/03	2002/09/23	750.00	0.00
5046503	33 A/02	2002/09/23	750.00	0.00
5046504	33 A/02	2002/09/23	750.00	0.00
5046505	33 A/02	2002/09/23	750.00	0.00
5046506	33 A/02	2002/09/23	750.00	0.00
5046507	33 A/02	2002/09/23	750.00	0.00
5046508	33 A/02	2002/09/23	750.00	0.00
5046509	33 A/02	2002/09/23	750.00	0.00
5046510	33 A/02	2002/09/23	750.00	0.00
5046511	33 A/02	2002/09/23	750.00	0.00
5046512	33 A/02	2002/09/23	750.00	0.00
5046513	33 A/02	2002/09/23	750.00	0.00
5046514	33 A/02	2002/09/23	750.00	0.00
5046515	33 A/02	2002/09/23	750.00	0.00
5046516	33 A/02	2002/09/23	750.00	0.00
5046517	33 A/02	2002/09/23	750.00	0.00
5052101	33 A/07	2004/02/07	1,000.00	0.00
5052102	33 A/07	2004/02/07	1,000.00	0.00
5052103	33 A/07	2004/02/07	1,000.00	0.00
5052104	33 A/07	2004/02/07	1,000.00	0.00
5052105	33 A/07	2004/02/07	1,000.00	0.00
5052106	33 A/07	2004/02/07	1,000.00	0.00
5052107	33 A/07	2004/02/07	1,000.00	0.00
5052108	33 A/07	2004/02/07	1,000.00	0.00
5052109	33 A/07	2004/02/07	1,000.00	0.00
5052110	33 A/07	2004/02/07	1,000.00	0.00
5052111	33 A/06	2004/02/07	1,000.00	0.00
5052112	33 A/06	2004/02/07	1,000.00	0.00
5052113	33 A/06	2004/02/07	1,000.00	0.00
5052114	33 A/03	2004/02/07	1,000.00	0.00
5052115	33 A/03	2004/02/07	1,000.00	0.00
5052116	33 A/03	2004/02/07	1,000.00	0.00
5052117	33 A/03	2004/02/07	1,000.00	0.00
5052118	33 A/02	2004/02/07	1,000.00	0.00
5052119	33 A/02	2004/02/07	1,000.00	0.00
5052120	33 A/02	2004/02/07	1,000.00	0.00
5052121	33 A/02	2004/02/07	1,000.00	0.00
5052122	33 A/02	2004/02/07	1,000.00	0.00
5052123	33 A/02	2004/02/07	1,000.00	0.00
5052124	33 A/02	2004/02/07	1,000.00	16,837.95
5052125	33 A/02	2004/02/07	1,000.00	0.00
5052126	33 A/02	2004/02/07	1,000.00	0.00
5052127	33 A/02	2004/02/07	1,000.00	0.00

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<u>CLAIM</u>	<u>TOWNSHIP</u>	<u>DATE DUE</u>	<u>WORK DUE</u>	<u>TOTAL CRED</u>
5052128	33 A/02	2004/02/07	1,000.00	0.00
5052129	33 A/02	2004/02/07	1,000.00	15,196.62
5052130	33 A/02	2004/02/07	1,000.00	15,891.02
5052131	33 A/02	2004/02/07	1,000.00	0.00
5052132	33 A/02	2004/02/07	1,000.00	0.00
5052133	33 A/02	2004/02/07	1,000.00	0.00
5052134	33 A/02	2004/02/07	1,000.00	0.00
5052135	33 A/02	2004/02/07	1,000.00	0.00
5052136	33 A/02	2004/02/07	1,000.00	0.00
5052137	33 A/02	2004/02/07	1,000.00	0.00
5052138	33 A/02	2004/02/07	1,000.00	0.00
5052139	33 A/02	2004/02/07	1,000.00	0.00
5052140	33 A/02	2004/02/07	1,000.00	0.00
5052141	33 A/02	2004/02/07	1,000.00	0.00
5052142	33 A/02	2004/02/07	1,000.00	0.00
5052143	33 A/02	2004/02/07	1,000.00	0.00
5052144	33 A/03	2004/02/07	1,000.00	0.00
5052145	33 A/03	2004/02/07	1,000.00	0.00
5052146	33 A/03	2004/02/07	1,000.00	0.00
5052147	33 A/03	2004/02/07	1,000.00	0.00
5052148	33 A/03	2004/02/07	1,000.00	0.00
5052149	33 A/03	2004/02/07	1,000.00	0.00
5052150	33 A/03	2004/02/07	1,000.00	0.00
5202332	33 A/07	2004/02/08	500.00	281.18
5202340	33 A/07	2004/02/08	500.00	281.18
5202341	33 A/07	2004/02/08	500.00	281.18
5202342	33 A/07	2004/02/08	500.00	281.18
5202348	33 A/07	2004/02/08	500.00	0.00
5202349	33 A/07	2004/02/08	500.00	0.00
5202350	33 A/07	2004/02/08	500.00	0.00
5202351	33 A/07	2004/02/08	500.00	0.00
5202352	33 A/07	2004/02/08	500.00	1,281.18
5202353	33 A/07	2004/02/08	500.00	1,281.18
5202354	33 A/07	2004/02/08	500.00	1,281.18
5202364	33 A/07	2004/02/08	500.00	0.00
5202365	33 A/07	2004/02/08	500.00	1,281.18
5202366	33 A/07	2004/02/08	500.00	1,281.18
5202367	33 A/07	2004/02/08	500.00	1,281.18
5202368	33 A/07	2004/02/08	500.00	1,281.18
5202369	33 A/07	2004/02/08	500.00	1,281.18
5202370	33 A/07	2004/02/08	500.00	1,281.18
5202371	33 A/07	2004/02/08	500.00	0.00
5202372	33 A/07	2004/02/08	500.00	0.00
5202373	33 A/07	2004/02/08	500.00	0.00
5202374	33 A/07	2004/02/08	500.00	1,281.18
5202375	33 A/07	2004/02/08	500.00	1,281.18
5202376	33 A/07	2004/02/08	500.00	1,281.18
5202377	33 A/07	2004/02/08	500.00	1,281.18

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CLAIM LISTING AS AT DECEMBER 21, 2001

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<u>CLAIM</u>	<u>TOWNSHIP</u>	<u>DATE DUE</u>	<u>WORK DUE</u>	<u>TOTAL CRED</u>
5202378	33 A/07	2004/02/08	500.00	1,281.18
5202379	33 A/07	2004/02/08	500.00	1,281.18
5202380	33 A/07	2004/02/08	500.00	1,281.18
5202381	33 A/07	2004/02/08	500.00	281.18
5202386	33 A/07	2004/02/08	500.00	0.00
5202387	33 A/07	2004/02/08	500.00	0.00
5202388	33 A/07	2004/02/08	500.00	281.18
5202389	33 A/07	2004/02/08	500.00	1,281.18
5202390	33 A/07	2004/02/08	500.00	1,281.18
5202391	33 A/07	2004/02/08	500.00	1,281.18
5202392	33 A/07	2004/02/08	500.00	1,281.18
5202393	33 A/07	2004/02/08	500.00	1,281.18
5202394	33 A/07	2004/02/08	500.00	1,281.18
5202395	33 A/07	2004/02/08	500.00	1,281.18
5202400	33 A/07	2004/02/08	500.00	1,281.18
5202401	33 A/07	2004/02/08	500.00	781.18
5202402	33 A/07	2004/02/08	500.00	0.00
5202403	33 A/07	2004/02/08	500.00	0.00
5202404	33 A/07	2004/02/08	500.00	0.00
			<u>231,070.00</u>	<u>1,327,863.47</u>
307				



CHARLESBOURG, 5 FEVRIER 2002

## CERTIFICAT D'INSCRIPTION

EXPÉDIE À :

MOURIN STANLEY  
11, BERRYMAN STREET  
TORONTO, ONT  
CANADA MSR 1M7

NO DOSSIER : TM02025022  
REGISTRARIS : MARTIN ISABELLE

DATE DE RECEPTION DU DOSSIER : 2002-01-04

TITULAIRE RESPONSABLE :

19228 MOURIN STANLEY

POURCENTAGE

100.00

AUTRE(S) TITULAIRE(S) :

—AUCUN

TITRE(S)	FEUIL	POLYGONE	CONTRAINTE(S)	SUPERFICIE (HA)	DATE ENR.	DATE EXP.
1. CDC 1046909	33A08	33A08 X0001 0003 000		52.76	2002-01-31	2004-01-30
2. CDC 1046910	33A08	33A08 X0001 0004 000		52.76	2002-01-31	2004-01-30
3. CDC 1046911	33A08	33A08 X0002 0003 000		52.75	2002-01-31	2004-01-30
4. CDC 1046912	33A08	33A08 X0002 0004 000		52.75	2002-01-31	2004-01-30
5. CDC 1046913	33A08	33A08 X0003 0001 000		52.74	2002-01-31	2004-01-30
6. CDC 1046914	33A08	33A08 X0003 0002 000		52.74	2002-01-31	2004-01-30
7. CDC 1046915	33A08	33A08 X0003 0003 000		52.74	2002-01-31	2004-01-30
8. CDC 1046916	33A08	33A08 X0003 0004 000		52.74	2002-01-31	2004-01-30
9. CDC 1046917	33A08	33A08 X0003 0005 000		52.74	2002-01-31	2004-01-30
10. CDC 1046918	33A08	33A08 X0003 0006 000		52.75	2002-01-31	2004-01-30
11. CDC 1046919	33A08	33A08 X0004 0001 000		52.73	2002-01-31	2004-01-30
12. CDC 1046920	33A08	33A08 X0004 0002 000		52.73	2002-01-31	2004-01-30
13. CDC 1046921	33A08	33A08 X0004 0003 000		52.73	2002-01-31	2004-01-30
14. CDC 1046922	33A08	33A08 X0004 0004 000		52.73	2002-01-31	2004-01-30
15. CDC 1046923	33A08	33A08 X0004 0005 000		52.74	2002-01-31	2004-01-30
16. CDC 1046924	33A08	33A08 X0004 0006 000		52.74	2002-01-31	2004-01-30
17. CDC 1046925	33A08	33A08 X0005 0005 000		52.73	2002-01-31	2004-01-30

Excluant les substances minérales mentionnées à l'article 5 de la Loi sur les mines (L.R.Q., c.M-13.1) sur des terres concédées avant le 1er janvier 1966.

R6810  
**Québec**  
Ministère des  
Ressources naturelles

CHARLESBOURG, 5 FEVRIER 2002

## CERTIFICAT D'INSCRIPTION (SUITE TM02025022)

TITRE(S)	FEUIL	POLYGONE	CONTRAINTE(S)	SUPERFICIE (HA)	DATE ENR.	DATE EXP.
18. CDC 1046926	33A08	33A08 X0005 0006 000		52.73	2002-01-31	2004-01-30
19. CDC 1046927	33A08	33A08 X0005 0007 000		52.73	2002-01-31	2004-01-30
20. CDC 1046928	33A08	33A08 X0005 0008 000		52.73	2002-01-31	2004-01-30
21. CDC 1046929	33A08	33A08 X0006 0005 000		52.72	2002-01-31	2004-01-30
22. CDC 1046930	33A08	33A08 X0006 0006 000		52.72	2002-01-31	2004-01-30
23. CDC 1046931	33A08	33A08 X0006 0007 000		52.72	2002-01-31	2004-01-30
24. CDC 1046932	33A08	33A08 X0006 0008 000		52.72	2002-01-31	2004-01-30
25. CDC 1046933	33A08	33A08 X0007 0005 000		52.71	2002-01-31	2004-01-30
26. CDC 1046934	33A08	33A08 X0007 0006 000		52.71	2002-01-31	2004-01-30
27. CDC 1046935	33A08	33A08 X0011 0003 000		52.67	2002-01-31	2004-01-30
28. CDC 1046936	33A08	33A08 X0011 0004 000		52.67	2002-01-31	2004-01-30

Excluant les substances minérales mentionnées à l'article 5 de la Loi sur les mines (L.R.Q., c.M-13.1) sur des terres concédées avant le 1er janvier 1966.

R6810



CHARLESBOURG, 18 FEVRIER 2002

## CERTIFICAT D'INSCRIPTION

— EXPEDIE A :

MOURIN STANLEY  
41, BERKMAN STREET  
TORONTO, ONT  
CANADA M5R 1M7

NO DOSSIER : TM02025021  
REGISTRAIRE : BOUCHARD MARIE-EVE

DATE DE RECEPTION DU DOSSIER : 2002-01-04

TITULAIRE RESPONSABLE :

19228 MOURIN STANLEY

POURCENTAGE

100.00

AUTRE(S) TITULAIRE(S) :

AUCUN

TITRE(S)	FEUILLE	POLYgone	CONTRAINTE(S)	SUPERFICIE (HA)	DATE ENR.	DATE EXP.
1. CDC 1050088	33A02	33A02 X0028 0026 000		52.78	2002-02-17	2004-02-16
2. CDC 1050089	33A02	33A02 X0028 0027 000		52.79	2002-02-17	2004-02-16
3. CDC 1050090	33A02	33A02 X0028 0028 000		52.79	2002-02-17	2004-02-16
4. CDC 1050091	33A02	33A02 X0028 0029 000		52.79	2002-02-17	2004-02-16
5. CDC 1050092	33A02	33A02 X0028 0038 000		52.79	2002-02-17	2004-02-16
6. CDC 1050093	33A02	33A02 X0028 0039 000		52.79	2002-02-17	2004-02-16
7. CDC 1050094	33A02	33A02 X0028 0040 000		52.79	2002-02-17	2004-02-16
8. CDC 1050095	33A02	33A02 X0028 0041 000		52.79	2002-02-17	2004-02-16
9. CDC 1050096	33A02	33A02 X0028 0042 000		52.79	2002-02-17	2004-02-16
10. CDC 1050097	33A02	33A02 X0028 0043 000		52.79	2002-02-17	2004-02-16
11. CDC 1050098	33A02	33A02 X0028 0044 000		52.79	2002-02-17	2004-02-16
12. CDC 1050099	33A02	33A02 X0028 0045 000		52.79	2002-02-17	2004-02-16
13. CDC 1050100	33A02	33A02 X0028 0046 000		52.79	2002-02-17	2004-02-16
14. CDC 1050101	33A02	33A02 X0028 0047 000		52.79	2002-02-17	2004-02-16
15. CDC 1050102	33A02	33A02 X0029 0038 000		52.78	2002-02-17	2004-02-16
16. CDC 1050103	33A02	33A02 X0029 0039 000		52.78	2002-02-17	2004-02-16
17. CDC 1050104	33A02	33A02 X0029 0047 000		52.78	2002-02-17	2004-02-16

Excluant les substances minérales mentionnées à l'article 5 de la Loi sur les mines (L.R.Q., c.M-13.1) sur des terres concédées avant le 1er janvier 1966.

6810 Québec ■■■  
 Ministère des  
 Ressources naturelles

CHARLESBOURG, 18 FEVRIER 2002

## CERTIFICAT D'INSCRIPTION (SUITE TM02025021)

TITRE(S)	FEUIL	POLIGONE	CONTRAINTE(S)	SUPERFICIE (HA)	DATE ENR.	DATE EXP.
18. CDC 1050105	33A02	33A02 X0029 0048 000		52.78	2002-02-17 2004-02-16	
19. CDC 1050106	33A02	33A02 X0029 0049 000		52.78	2002-02-17 2004-02-16	
20. CDC 1050107	33A02	33A02 X0029 0051 000		52.78	2002-02-17 2004-02-16	
21. CDC 1050108	33A02	33A02 X0029 0052 000		52.78	2002-02-17 2004-02-16	
22. CDC 1050109	33A02	33A02 X0030 0049 000		52.77	2002-02-17 2004-02-16	
23. CDC 1050110	33A02	33A02 X0030 0050 000		52.77	2002-02-17 2004-02-16	

Excluant les substances minérales mentionnées à l'article 5 de la Loi sur les mines (L.R.Q., c.M-13.1) sur des terres concédées avant le 1er janvier 1966.

R6810 Québec  
Ministère des  
Ressources naturelles

CHARLESBOURG, 18 FEVRIER 2002

## CERTIFICAT D'INSCRIPTION

## EXPEDIE A :

MOURIN STANLEY  
41, BERRYMAN STREET  
TORONTO, ONT  
CANADA MSR 1M7

NO DOSSIER : TM02030042  
REGISTRAIRE : BOUCHARD MARIE-EVE

DATE DE RECEPTION DU DOSSIER : 2002-01-04

## TITULAIRE RESPONSABLE :

— 19228 MOURIN STANLEY	POURCENTAGE
------------------------	-------------

100.00

## AUTRE(S) TITULAIRE(S) :

— AUCUN
---------

TITRE(S)	FEUIL	POLYgone	CONTRAINTE(S)	SUPERFICIE(HA)	DATE ENR.	DATE EXP.
1. CDC 1050038	33A02	33A02 X0020 0001 000		52.86	2002-02-17 2004-02-16	
2. CDC 1050039	33A02	33A02 X0020 0002 000		52.86	2002-02-17 2004-02-16	
3. CDC 1050040	33A02	33A02 X0021 0001 000		52.85	2002-02-17 2004-02-16	
4. CDC 1050041	33A02	33A02 X0021 0002 000		52.85	2002-02-17 2004-02-16	
5. CDC 1050042	33A02	33A02 X0021 0003 000		52.85	2002-02-17 2004-02-16	
6. CDC 1050043	33A02	33A02 X0021 0010 000		52.85	2002-02-17 2004-02-16	
7. CDC 1050044	33A02	33A02 X0021 0011 000		52.85	2002-02-17 2004-02-16	
8. CDC 1050045	33A02	33A02 X0022 0003 000		52.84	2002-02-17 2004-02-16	
9. CDC 1050046	33A02	33A02 X0022 0004 000		52.84	2002-02-17 2004-02-16	
10. CDC 1050047	33A02	33A02 X0022 0005 000		52.84	2002-02-17 2004-02-16	
11. CDC 1050048	33A02	33A02 X0022 0006 000		52.84	2002-02-17 2004-02-16	
12. CDC 1050049	33A02	33A02 X0022 0010 000		52.84	2002-02-17 2004-02-16	
13. CDC 1050050	33A02	33A02 X0022 0011 000		52.84	2002-02-17 2004-02-16	
14. CDC 1050051	33A02	33A02 X0023 0005 000		52.83	2002-02-17 2004-02-16	
15. CDC 1050052	33A02	33A02 X0023 0006 000		52.83	2002-02-17 2004-02-16	
16. CDC 1050053	33A02	33A02 X0023 0007 000		52.83	2002-02-17 2004-02-16	
17. CDC 1050054	33A02	33A02 X0023 0008 000		52.83	2002-02-17 2004-02-16	

Excluant les substances minérales mentionnées à l'article 5 de la Loi sur les mines (L.R.Q., c.M-13.1) sur des terres concédées avant le 1er janvier 1966.



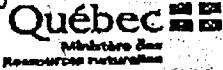
CHARLESBOURG, 18 FEVRIER 2002

## CERTIFICAT D'INSCRIPTION (SUITE TM02030042)

TITRE(S)	FEUIL	POLYGONE	CONTRAINTE(S)	SUPERFICIE(HA)	DATE ENR.	DATE EXP.
18. CDC 1050055	33A02	33A02 X0023 0009 000		52.83	2002-02-17 2004-02-16	
19. CDC 1050056	33A02	33A02 X0023 0010 000		52.83	2002-02-17 2004-02-16	
20. CDC 1050057	33A02	33A02 X0023 0011 000		52.83	2002-02-17 2004-02-16	
21. CDC 1050058	33A02	33A02 X0023 0012 000		52.83	2002-02-17 2004-02-16	
22. CDC 1050059	33A02	33A02 X0024 0007 000		52.82	2002-02-17 2004-02-16	
23. CDC 1050060	33A02	33A02 X0024 0008 000		52.82	2002-02-17 2004-02-16	
24. CDC 1050061	33A02	33A02 X0024 0009 000		52.82	2002-02-17 2004-02-16	
25. CDC 1050062	33A02	33A02 X0024 0010 000		52.82	2002-02-17 2004-02-16	
26. CDC 1050063	33A02	33A02 X0024 0011 000		52.82	2002-02-17 2004-02-16	
27. CDC 1050064	33A02	33A02 X0024 0012 000		52.82	2002-02-17 2004-02-16	
28. CDC 1050065	33A02	33A02 X0024 0028 000		52.82	2002-02-17 2004-02-16	
29. CDC 1050066	33A02	33A02 X0024 0029 000		52.82	2002-02-17 2004-02-16	
30. CDC 1050067	33A02	33A02 X0025 0028 000		52.81	2002-02-17 2004-02-16	
31. CDC 1050068	33A02	33A02 X0025 0029 000		52.81	2002-02-17 2004-02-16	
32. CDC 1050069	33A02	33A02 X0026 0028 000		52.80	2002-02-17 2004-02-16	
33. CDC 1050070	33A02	33A02 X0026 0029 000		52.81	2002-02-17 2004-02-16	
34. CDC 1050071	33A02	33A02 X0027 0022 000		52.79	2002-02-17 2004-02-16	
35. CDC 1050072	33A02	33A02 X0027 0023 000		52.79	2002-02-17 2004-02-16	
36. CDC 1050073	33A02	33A02 X0027 0024 000		52.79	2002-02-17 2004-02-16	
37. CDC 1050074	33A02	33A02 X0027 0025 000		52.79	2002-02-17 2004-02-16	
38. CDC 1050075	33A02	33A02 X0027 0026 000		52.79	2002-02-17 2004-02-16	
39. CDC 1050076	33A02	33A02 X0027 0027 000		52.79	2002-02-17 2004-02-16	
40. CDC 1050077	33A02	33A02 X0027 0028 000		52.80	2002-02-17 2004-02-16	
41. CDC 1050078	33A02	33A02 X0027 0029 000		52.80	2002-02-17 2004-02-16	
42. CDC 1050079	33A02	33A02 X0027 0041 000		52.80	2002-02-17 2004-02-16	
43. CDC 1050080	33A02	33A02 X0027 0042 000		52.80	2002-02-17 2004-02-16	
44. CDC 1050081	33A02	33A02 X0027 0043 000		52.80	2002-02-17 2004-02-16	
45. CDC 1050082	33A02	33A02 X0027 0044 000		52.80	2002-02-17 2004-02-16	
46. CDC 1050083	33A02	33A02 X0027 0045 000		52.80	2002-02-17 2004-02-16	
47. CDC 1050084	33A02	33A02 X0028 0022 000		52.78	2002-02-17 2004-02-16	
48. CDC 1050085	33A02	33A02 X0028 0023 000		52.78	2002-02-17 2004-02-16	
49. CDC 1050086	33A02	33A02 X0028 0024 000		52.78	2002-02-17 2004-02-16	
50. CDC 1050087	33A02	33A02 X0028 0025 000		52.78	2002-02-17 2004-02-16	

Excluant les substances minérales mentionnées à l'article 5 de la Loi sur les mines (L.R.Q., c.M-13.1) sur des terres concédées avant le 1er janvier 1966.

R6810



CHARLESBOURG, 25 FEVRIER 2002

## CERTIFICAT D'INSCRIPTION

## EXPEDIE A :

MOURIN STANLEY  
41, BERRIMAN STREET  
TORONTO, ONT  
CANADA M5R 1M7

NO DOSSIER : TM02025020  
REGISTRAIRE : MARTIN ISABELLE

DATE DE RECEPTION DU DOSSIER : 2002-01-04

## TITULAIRE RESPONSABLE :

19228 MOURIN STANLEY

## POURCENTAGE

100.00

## AUTRE(S) TITULAIRE(S) :

AUCUN

TITRE(S)	FEUIL	POLYgone	CONTRAINTE(S)	SUPERFICIE (HA)	DATE ENR.	DATE EXP.
1. CDC 1054823	33A07	33A07 X0001 0019 000		52.75	2002-02-22	2004-02-21
2. CDC 1054824	33A07	33A07 X0001 0020 000		52.75	2002-02-22	2004-02-21
3. CDC 1054825	33A07	33A07 X0001 0055 000		52.76	2002-02-22	2004-02-21
4. CDC 1054826	33A07	33A07 X0001 0056 000		52.76	2002-02-22	2004-02-21
5. CDC 1054827	33A07	33A07 X0002 0019 000		52.74	2002-02-22	2004-02-21
6. CDC 1054828	33A07	33A07 X0002 0020 000		52.74	2002-02-22	2004-02-21
7. CDC 1054829	33A07	33A07 X0002 0055 000		52.75	2002-02-22	2004-02-21
8. CDC 1054830	33A07	33A07 X0002 0056 000		52.75	2002-02-22	2004-02-21

Excluant les substances minérales mentionnées à l'article 5 de la Loi sur les mines (L.R.Q., c.M-13.1) sur des terres concédées avant le 1er janvier 1966.

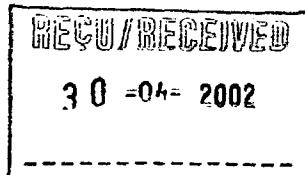
CERTIFICAT D' INSCRIPTION

WINDY 8

— EXPEDIE A :

GOLD SUMMIT MINES LTD  
56 TEMPERANCE STREET  
TORONTO, ONT  
CANADA M5H 3V5

NO DOSSIER : TM02070017  
REGISTRAIRE : LABERGE MICHELINE



DATE DE RECEPTION DU DOSSIER : 2002-03-10

TITULAIRE RESPONSABLE :	POURCENTAGE
19165 GOLD SUMMIT MINES LTD	100.00
AUTRE(S) TITULAIRE(S) :	
AUCUN	

TITRE(S)	FEUIL	POLYGONE	CONTRAINTE(S)	SUPERFICIE (HA)	DATE ENR.	DATE EXP.
1. CDC 1077673	33A02	33A02 X0027 0034 000		52.80	2002-04-25	2004-04-24
2. CDC 1077674	33A02	33A02 X0027 0035 000		52.80	2002-04-25	2004-04-24
3. CDC 1077675	33A02	33A02 X0027 0036 000		52.80	2002-04-25	2004-04-24
4. CDC 1077676	33A02	33A02 X0027 0037 000		52.80	2002-04-25	2004-04-24
5. CDC 1077677	33A02	33A02 X0028 0034 000		52.79	2002-04-25	2004-04-24
6. CDC 1077678	33A02	33A02 X0028 0035 000		52.79	2002-04-25	2004-04-24
7. CDC 1077679	33A02	33A02 X0028 0036 000		52.79	2002-04-25	2004-04-24
8. CDC 1077680	33A02	33A02 X0028 0037 000		52.79	2002-04-25	2004-04-24

CERTIFICAT D'INSCRIPTION

EXPEDIE A :

GOLD SUMMIT MINES LTD  
56 TEMPERANCE STREET, 4TH FLOOR  
TORONTO, ONT  
CANADA M5H 3V5

VENDREDI 3.6

NO DOSSIER : TM02080021  
REGISTRAIRE : TREMBLAY MAGALI

DATE DE RECEPTION DU DOSSIER : 2002-03-18

TITULAIRE RESPONSABLE :

POURCENTAGE

19165 GOLD SUMMIT MINES LTD

100.00

AUTRE(S) TITULAIRE(S) :

AUCUN

TITRE(S)	FEUIL	POLYGONE	CONTRAINTE(S)	SUPERFICIE(HA)	DATE ENR.	DATE EXP.
1. CDC 1081252	33A03	33A03 X0019 0056 000		52.87	2002-05-06	2004-05-05
2. CDC 1081253	33A03	33A03 X0020 0056 000		52.86	2002-05-06	2004-05-05
3. CDC 1081254	33A03	33A03 X0020 0057 000		52.86	2002-05-06	2004-05-05
4. CDC 1081255	33A03	33A03 X0020 0060 000		52.86	2002-05-06	2004-05-05

Excluant les substances minérales mentionnées à l'article 5 de la Loi sur les mines (L.R.Q., c.M-13.1) sur des terres concédées avant le 1er janvier 1966.

**APPENDIX B**  
**Till Sample Data, Windy Properties**



# KENNECOTT CANADA EXPLORATION INC.

## Mineral Processing Laboratory

1300 West Walsh St. Thunder Bay, Ontario, Canada P7E 4X4 Telephone (807) 473-5558 Facsimile (807) 473-5660



## CERTIFICATE OF ANALYSIS

### Method 4: Heavy Mineral Observation

Date Received: 19-Sep-02

Waybill: Gardewine 95040631-00

Work Order: 02HM064

Project: Gold Summit Mines Ltd.

Lab Billing Code: 113100-RE260

Fraction: -0.500 +0.250mm Mag

Company: Gold Summit Mines Ltd.

Suite 1414 181 University Ave.

Toronto, Ont M5H 3M7

Attention: Jim Pirie

Telephone: (416) 367-4571

Facsimile: (416) 367-5269

	Sample No	PYR	ECL	CPX	OMP	ILM	CHR	OPX	OLI	REMARKS	OBSERVER	DATE OBS
1										NO CARD	CB	04-Feb-03
2	G.S.M.L.348122	0	0	0	0	0	0	0	0		CB	04-Feb-03
3	G.S.M.L.348123	0	0	0	0	0	0	0	0		CB	04-Feb-03
4	G.S.M.L.348124	0	0	0	0	0	0	0	0		CB	04-Feb-03
5	G.S.M.L.348125	0	0	0	0	0	0	0	0		CB	04-Feb-03
6	G.S.M.L.348126	0	0	0	0	0	0	0	0		CB	04-Feb-03
7	G.S.M.L.348127	0	0	0	0	0	0	0	0		CB	04-Feb-03
8	G.S.M.L.348128	0	0	0	0	0	0	0	0		CB	04-Feb-03
9	G.S.M.L.348129	0	0	0	0	0	0	0	0		CB	04-Feb-03

Grains must be confirmed with mineral chemical analysis.

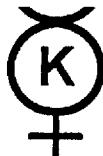
Chris Berner  
Observation Team Leader

Sean Whiteford  
Laboratory Manager

Ian Hamilton  
QA/QC Specialist

The quality of kimberlite indicator mineral observation from heavy mineral concentrates (Method 4) is subject to monitoring through a rigorous internal quality assurance/quality control (QA/QC) scheme. Kimberlite Indicator recovery is calculated for two samples in every batch. One batch consists of up to twenty-five samples, depending on individual sample weights. Therefore, at least 10% of samples are quality control samples.

Continual QA/QC monitoring involves comparison of kimberlite indicator mineral recovery from each batch to statistically acceptable internal performance standards. Observation at the laboratory extracts, on average, 85.55% ( $\pm 2.68\%$  at the 95% confidence limit) of pyrope grains  $>0.25<0.50\text{mm}$  in size and 98.69% ( $\pm 0.75\%$  at the 95% confidence limit) of chrome diopside grains  $>0.25<0.50\text{mm}$  in size.



# KENNECOTT CANADA EXPLORATION INC.

## Mineral Processing Laboratory

1300 West Walsh St. Thunder Bay, Ontario, Canada P7E 4X4 Telephone (807) 473-5558 Facsimile (807) 473-5660



## CERTIFICATE OF ANALYSIS Method 4: Heavy Mineral Observation

Date Received: 19-Sep-02

Waybill: Gardewine 95040631-00

Work Order: 02HM065

Project: Gold Summit Mines Ltd.

Lab Billing Code: 113100-RE260

Fraction: -0.500 +0.250mm Mag

Company: Gold Summit Mines Ltd.

Suite 1414 181 University Ave.  
Toronto, Ont M5H 3M7

Attention: Jim Pirie

Telephone: (416) 367-4571

Facsimile: (416) 367-5269

	Sample No	PYR	ECL	CPX	OMP	ILM	CHR	OPX	OLI	REMARKS	OBSERVER	DATE OBS
1	G.S.M.L.348154	0	0	0	0	0	0	0	0		CB	04-Feb-03
2	G.S.M.L.348155	0	0	0	0	0	0	0	0		CB	04-Feb-03
3	G.S.M.L.348156	0	0	0	0	0	0	0	0		CB	04-Feb-03
4	G.S.M.L.348161	0	0	0	0	0	0	0	0		CB	04-Feb-03
5	G.S.M.L.348162	0	0	0	0	0	0	0	0	NO CARD	CB	04-Feb-03
6	G.S.M.L.348163	0	0	0	0	0	0	0	0		CB	04-Feb-03
7	G.S.M.L.348164	0	0	0	0	0	0	0	0		CB	04-Feb-03
8	G.S.M.L.348165	0	0	0	0	0	0	0	0		CB	04-Feb-03
9	G.S.M.L.348166	0	0	0	0	0	0	0	0		CB	04-Feb-03
10	G.S.M.L.348167	0	0	0	0	0	0	0	0	NO CARD	CB	04-Feb-03
11											CB	04-Feb-03
12	G.S.M.L.348171	0	0	0	0	0	0	0	0	NO CARD	CB	04-Feb-03
13	G.S.M.L.348172	0	0	0	0	0	0	0	1		CB	04-Feb-03
14	G.S.M.L.348175	0	0	0	0	0	0	0	0		CB	04-Feb-03

Grains must be confirmed with mineral chemical analysis.

Chris Berner  
Observation Team Leader

Sean Whiteford  
Laboratory Manager

Ian Hamilton  
QA/QC Specialist

The quality of kimberlite indicator mineral observation from heavy mineral concentrates (Method 4) is subject to monitoring through a rigorous internal quality assurance/quality control (QA/QC) scheme. Kimberlite Indicator recovery is calculated for two samples in every batch. One batch consists of up to twenty-five samples, depending on individual sample weights. Therefore, at least 10% of samples are quality control samples.

Continual QA/QC monitoring involves comparison of kimberlite indicator mineral recovery from each batch to statistically acceptable internal performance standards. Observation at the laboratory extracts, on average, 85.15% ( $\pm 2.7\%$  at the 95% confidence limit) of pyrope grains  $>0.25<0.50\text{mm}$  in size and 98.55% ( $\pm 0.76\%$  at the 95% confidence limit) of chrome diopside grains  $>0.25<0.50\text{mm}$  in size.

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348006
Date Collected	10/08/2002
Geologist	-
Sampler 1	J. Gunner
Sampler 2	C. Husky
Date Entered in Database	10/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	867812
UTM Northing	5793080
Elevation AMSL (m)	450
NTS Map Sheet	33A07
Property	Windy 9
Claim Number	
Anomaly / Target Number	W9-A

Overburden Sample Type	
Raw Sample Weight (kg)	24.0
Matrix Colour	Brown
Sample Depth (m)	0.4
Drainage Slope Direction	SW
Slope Gradient (%)	1

% Overtail	
% Cobble	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	
Cache Site	

Oxidation Level	
Sample Site Description	Moraine, spruce
Raw Sample Description	Rounded, subrounded
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	1
Recording Sequence	38

**Picking Results**

Processing Lab	Kenecott, Thunder Bay
Work Order Name	02HM057
Arrival Condition	Intact
Date Started	18-Oct-02
Weight Received (mg)	22,000
Initial Screen Size	0.079mm (Kason Screen)
Initial Screened Weight (mg)	100
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	100
Initial Weight (mg)	10
Magnetic Separation Weight (mg)	8
Final Weight (mg)	0.1
Date Completed	23-Oct-02

Observer	CB
Observation Date	4-Nov-02
Remarks	NO CARD
Lherzolite Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Sulf Garnet	MEG
All Other Garnets	GAR
Ectogic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ecdolite CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picroilmenite	ILM
All Other Ilmenite	IL
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348007
Date Collected	10/08/2002
Geologist	-
Sampler 1	J. Gunner
Sampler 2	C. Husky
Date Entered In Database	10/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	687752
UTM Northing	5783167
Elevation AMSL (m)	470
NTS Map Sheet	33A07
Property	Windy B
Claim Number	
Anomaly / Target Number	WB-A

Overburden Sample Type	
Raw Sample Weight (kg)	17.7
Matrix Colour	Brown
Sample Depth (m)	0.4
Drainage Slope Direction	SW
Slope Gradient (%)	2

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Cache Site

Oxidation Level	
Sample Site Description	Moraine, spruce
Raw Sample Description	Rounded, subrounded
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority

Recording Sequence

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	D2HM057
Arrival Condition	Intact
Date Started	18-Oct-02
Weight Received (mg)	17,300
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	10,000
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	5,000
Initial Weight (mg)	2,068
Magnetic Separation Weight (mg)	622
Final Weight (mg)	138.0
Date Completed	28-Oct-02

Observer	CB
Observation Date	4-Nov-02
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ectologic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectologic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinels	SPL
Pseudomorphs	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Grain Number	1
Grain Type	OLI
Colour Code	608
Chromite Code	
Travel Distance	Far
Form	ANH
Shape	SRND
Clarity	Transparent
Lustre	VIT
Surface Feature	
Remark	
Observation Date	7-Nov-02
Observer	CB

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIMs 1

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348008
Date Collected	10/08/2002
Geologist	-
Sampler 1	J. Gunner
Sampler 2	C.Husky
Date Entered in Database	10/08/2002

Overburden Sample Type	
Raw Sample Weight (kg)	13.8
Matrix Colour	Brown
Sample Depth (m)	0.4
Drainage Slope Direction	-
Slope Gradient (%)	-

Oxidation Level	
Sample Site Description	Flat moraine, spruce
Raw Sample Description	Rounded, subrounded
Remarks (Glacial / Other)	
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	667698
UTM Northing	5793083
Elevation AMSL (m)	-
NTS Map Sheet	33A07
Property	Windy 9
Claim Number	
Anomaly / Target Number	W9-A

% Oversize	
% Cobble	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Cache Site	EMC strip
Processing Priority	1

Recording Sequence	40
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**Picking Results**

Processing Lab	Kenecott, Thunder Bay
Work Order Name	02HM057
Arrival Condition	Intact
Date Started	18-Oct-02
Weight Received (mg)	13,800
Initial Screen Size	0.079mm (Kason Screen)
Initial Screened Weight (mg)	4,800
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	4,800
Initial Weight (mg)	1,689
Magnetic Separation Weight (mg)	406
Final Weight (mg)	91.0
Date Completed	28-Oct-02

Observer	CB
Observation Date	4-Nov-02
Remarks	

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Sulf. Garnet	MEG	0
All Other Garnets	GAR	0
Ectogitic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Ectogitic CPX (Omph @ Jd)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinel	SPL	0
Picrolilmenite	ILM	0
All Other Ilmenite	IL-	1
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's 1

**Described Grains**

Portion	1	
Fraction Code	-0.500 +0.250mm Mag	
Grain Number	1	
Grain Type	IL-	
Colour Code	7	
Chromite Code		
Travel Distance	Medium	
Form	ANH	
Shape	SANG	
Clarity	Opaque	
Lustre	METAL	
Surface Feature	ROUGH	
Remark		
Observation Date	7-Nov-02	
Observer	CB	

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348009
Date Collected	22/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered in Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	636262
UTM Northing	5788592
Elevation AMSL (m)	408
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	W1-J

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	Brown
Sample Depth (m)	0.3
Drainage Slope Direction	300
Slope Gradient (%)	5

% Oversize	20
% Cobbles	10
% Pebbles	20
% Sand	40
% Silt	10
% Clay	
Total %	100

Cache Site

Oxidation Level	Moderate
Sample Site Description	Hummocky swampy
Raw Sample Description	Subangular, angular
Remarks (Glacial / Other)	
Interpreted Bedrock	Granite, gneiss

Processing Priority

1
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Recording Sequence

99
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Picking Results		
Processing Lab	Kennecoot, Thunder Bay	
Work Order Name	02HM057	
Arrival Condition	Intact	
Date Started	18-Oct-02	
Weight Received (mg)	22,700	
Initial Screen Size	0.979mm (Kason Screen)	
Initial Screened Weight (mg)	6,600	
Portion	1	
Fraction Code	-0.500 +0.250mm Mag	
Portion Weight (mg)	6,600	
Initial Weight (mg)	3,080	
Magnetic Separation Weight (mg)	820	
Final Weight (mg)	61.4	
Date Completed	25-Oct-02	

Observer	CB
Observation Date	4-Nov-02
Remarks	
Lherzolitic Pyrope	LHZ
Hausbergitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suits Garnet	MEG
All Other Garnets	GAR
Ectogelite Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogelite CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolilmenite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

Described Grains		
Portion		
Fraction Code		
Grain Number		
Grain Type		
Colour Code		
Chromite Code		
Travel Distance		
Form		
Shape		
Clarity		
Lustre		
Surface Feature		
Remark		
Observation Date		
Observer		

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348010
Date Collected	22/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered in Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	636312
UTM Northing	5788680
Elevation AMSL (m)	400
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	W1-J

Overburden Sample Type	Outwash sand
Raw Sample Weight (kg)	
Matrix Colour	Beige
Sample Depth (m)	0.3
Drainage Slope Direction	220
Slope Gradient (%)	2

% Oversize	
% Cobbles	
% Pebbles	
% Sand	50
% Silt	50
% Clay	
Total %	100
Cache Site	

Oxidation Level	Low
Sample Site Description	Small hill w/ large granite bds
Raw Sample Description	Subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	3
Recording Sequence	100

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM063

Arrival Condition	Intact
Date Started	6-Dec-02
Weight Received (mg)	15,400
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	4,060

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	4,060
Initial Weight (mg)	898
Magnetic Separation Weight (mg)	301
Final Weight (mg)	3.8
Date Completed	16-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Suite Garnet	MEG	0
All Other Garnets	GAR	0
Eclogitic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Eclogitic CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinel	SPL	0
Picrolomelite	ILM	0
All Other Ilmenites	IL-	0
Forsteritic Olivine (FO>85%)	FOR	0
Olivine FO<85%	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals: KIMs

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348011
Date Collected	22/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered in Database	24/08/2002

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	Brown/beige
Sample Depth (m)	0.3
Drainage Slope Direction	
Slope Gradient (%)	

Oxidation Level	Moderate
Sample Site Description	Flat hummocky
Raw Sample Description	Subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	Granitoids

Datum	NAD27
UTM Zone	18U
UTM Easting	634556
UTM Northing	5786754
Elevation AMSL (m)	400
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	40500A

% Oversize	10
% Cobbles	20
% Pebbles	20
% Sand	40
% Silt	10
% Clay	
Total %	100
Cache Site	

Processing Priority	1
Recording Sequence	101

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	D2HM057
Arrival Condition	Intact
Date Started	18-Oct-02
Weight Received (mg)	16,600
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	2,600
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	2,600
Initial Weight (mg)	1,329
Magnetic Separation Weight (mg)	309
Final Weight (mg)	84.0
Date Completed	28-Oct-02

Observer	CB
Observation Date	4-Nov-02
Remarks	
Herzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Sulf. Gamet	MEG
All Other Garnets	GAR
Eccentric Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eccentric CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolite	ILM
All Other Ilmenite	IL
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Grain Number	1
Grain Type	ILM
Colour Code	7
Chromite Code	
Travel Distance	Medium
Form	ANH
Shape	ANG
Clarity	Opaque
Lustre	METAL
Surface Feature	ROUGH
Remark	
Observation Date	7-Nov-02
Observer	CB

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's 1

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348012
Date Collected	22/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered in Database	24/08/2002

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	Light brown
Sample Depth (m)	0.3
Drainage Slope Direction	280
Slope Gradient (%)	1

Oxidation Level	Low
Sample Site Description	Small hill w/ boulders
Raw Sample Description	Subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	Gneiss, hornblende gneiss

Datum	NAD27
UTM Zone	18U
UTM Easting	634475
UTM Northing	5786702
Elevation AMSL (m)	391
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	40500A

% Oversize	20
% Cobbles	10
% Pebbles	20
% Sand	20
% Silt	30
% Clay	
Total %	100
Cache Site	

Processing Priority	1
Recording Sequence	102

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM057
Arrival Condition	Intact
Date Started	18-Oct-02
Weight Received (mg)	16,200
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	2,800
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	2,800
Initial Weight (mg)	1,332
Magnetic Separation Weight (mg)	393
Final Weight (mg)	36.7
Date Completed	25-Oct-02

Observer	CB
Observation Date	4-Nov-02
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Eudialytic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eudialytic CPX (Omph + Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolilmenite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348013
Date Collected	22/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered in Database	24/08/2002

Overburden Sample Type	Till
Raw Sample Weight (kg)	21.8
Matrix Colour	Beige
Sample Depth (m)	0.4
Drainage Slope Direction	
Slope Gradient (%)	

Oxidation Level	Low
Sample Site Description	Gentle hill, large boulders, open area
Raw Sample Description	Subangular, angular
Remarks (Glacial / Other)	
Interpreted Bedrock	Gneiss

Datum	NAD27
UTM Zone	18U
UTM Easting	632863
UTM Northing	5784914
Elevation AMSL (m)	405
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	40280A

% Oversize	10
% Cobbles	10
% Pebbles	30
% Sand	45
% Silt	5
% Clay	
Total %	100

Cache Site	EMC strip
Recording Sequence	103

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM057
Arrival Condition	Intact
Date Started	18-Oct-02
Weight Received (mg)	21,000
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	6,300
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	6,300
Initial Weight (mg)	3
Magnetic Separation Weight (mg)	929
Final Weight (mg)	50.8
Date Completed	25-Oct-02

Observer	CB
Observation Date	4-Nov-02
Remarks	
Lherzolitic Pyrope LHZ	0
Harzburgitic Pyrope HAR	0
Wehrlitic Pyrope WER	0
Megacryst Suite Garnet MEG	0
All Other Garnets GAR	0
Eudialyte Garnet ECL	0
Chrome Diopside CD	0
All Clinopyroxene Except CD CPX	0
Eudialytic CPX (Omph @ Jad) EPX	0
Orthopyroxene OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> ) CHR	0
All Other Spinels SPL	0
Pikrolimanite ILM	0
All Other Ilmenites IL-	0
Forsteritic Olivine (FO>88%) FOR	0
Olivine FO<88% OLI	0
All Amphiboles AMP	0
All Other Species OTH	0

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	346014
Date Collected	22/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered in Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	632604
UTM Northing	5784819
Elevation AMSL (m)	407
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	40280A

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	Brown
Sample Depth (m)	0.4
Drainage Slope Direction	
Slope Gradient (%)	

% Oversize	10
% Cobbles	20
% Pebbles	20
% Sand	50
% Silt	
% Clay	
Total %	100
Cache Site	

Oxidation Level	High
Sample Site Description	Small hill w/ boulders
Raw Sample Description	Subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	Blotite gneiss, granite

Processing Priority	3
Recording Sequence	104

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM053
Arrival Condition	Intact
Date Started	8-Dec-02
Weight Received (mg)	14,700
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,440
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,440
Initial Weight (mg)	1,620
Magnetic Separation Weight (mg)	587
Final Weight (mg)	69.1
Date Completed	13-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Suite Garnet	MEG	0
All Other Garnets	GAR	0
Eclogitic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Eclogitic CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinelts	SPL	0
Picrolitemite	ILM	0
All Other Ilmenite	IL-	0
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%)	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Data			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348015
Date Collected	22/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered in Database	24/08/2002

Overburden Sample Type	Till
Raw Sample Weight (kg)	13.6
Matrix Colour	Brown
Sample Depth (m)	0.4
Drainage Slope Direction	140
Slope Gradient (%)	2

Oxidation Level	Moderate
Sample Site Description	Hill near large outcrop
Raw Sample Description	Subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	Hornblende gneiss

Datum	NAD27
UTM Zone	18U
UTM Easting	633581
UTM Northing	5783602
Elevation AMSL (m)	427
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	W1-A

% Oversize	10
% Cobbles	20
% Pebbles	30
% Sand	40
% Silt	
% Clay	
Total %	100

Cache Site EMC strip

Processing Priority	1
Recording Sequence	105

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM057
Arrival Condition	Intact
Date Started	18-Oct-02
Weight Received (mg)	13,400
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	2,800
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	2,800
Initial Weight (mg)	1,481
Magnetic Separation Weight (mg)	380
Final Weight (mg)	44.5
Date Completed	28-Oct-02

Observer	CB
Observation Date	4-Nov-02
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ecclogite Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ecclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinelts	SPL
Picroliments	ILM
All Other Ilmens	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

Portion	1	1	
Fraction Code	-0.500 +0.250mm Mag	-0.500 +0.250mm Mag	
Grain Number	1	2	
Grain Type	OPX	OLI	
Colour Code	372	608	
Chromite Code			
Travel Distance	Close	Medium	
Form	ANH	ANH	
Shape	ANG	SRND	
Clarity	Transparent	Transparent	
Lustre	GLASSY	VIT	
Surface Feature		FROST	
Remark			
Observation Date	7-Nov-02	7-Nov-02	
Observer	CB	CB	

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's 2

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348016
Date Collected	22/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered in Database	24/08/2002

Overburden Sample Type	Till
Raw Sample Weight (kg)	16.8
Matrix Colour	Brown
Sample Depth (m)	0.4
Drainage Slope Direction	270
Slope Gradient (%)	1

Oxidation Level	Moderate
Sample Site Description	Near outcrop near small lake
Raw Sample Description	Subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	Hornblende gneiss, amphibolite

Datum	NAD27
UTM Zone	18U
UTM Easting	633527
UTM Northing	5783516
Elevation AMSL (m)	424
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	W1-A

% Oversize	
% Cobble	10
% Pebbles	30
% Sand	60
% Silt	
% Clay	
Total %	100
Cache Site	EMC strip

Processing Priority	1
Recording Sequence	106

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM057
Amval Condition	Intact
Date Started	18-Oct-02
Weight Received (mg)	16,700
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,900
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,900
Initial Weight (mg)	2,017
Magnetic Separation Weight (mg)	573
Final Weight (mg)	44.6
Date Completed	25-Oct-02

Observer	CB
Observation Date	4-Nov-02
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wahnbritic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Eclogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolitic Ilmenite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348017
Date Collected	23/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered In Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	634687
UTM Northing	5783727
Elevation AMSL (m)	416
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	W1-B

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	Grey-beige
Sample Depth (m)	0.5
Drainage Slope Direction	320
Slope Gradient (%)	2

% Oversize	20
% Cobbles	20
% Pebbles	20
% Sand	20
% Silt	20
% Clay	
Total %	100

Oxidation Level	Very low
Sample Site Description	Small hill w/ boulders
Raw Sample Description	Subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	Amphibole gneiss

Processing Priority	1
Recording Sequence	116

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	D2HM057
Arrival Condition	Intact
Date Started	17-Oct-02
Weight Received (mg)	13,200
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,200
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,200
Initial Weight (mg)	1,218
Magnetic Separation Weight (mg)	202
Final Weight (mg)	34.5
Date Completed	23-Oct-02

Observer	CB
Observation Date	4-Nov-02
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Elogistic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Elogistic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolilinite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIMs

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348018
Date Collected	23/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered in Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	634630
UTM Northing	5783673
Elevation AMSL (m)	426
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	WI-B

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	Light brown
Sample Depth (m)	0.3
Drainage Slope Direction	140
Slope Gradient (%)	2

% Over-size	10
% Cobbles	20
% Pebbles	30
% Sand	30
% Silt	10
% Clay	
Total %	100

Oxidation Level	moderate
Sample Site Description	On edge of elongated ridge
Raw Sample Description	Subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	Amphibole gneiss

Processing Priority	1
Recording Sequence	117

Picking Results	
Processing Lab	Kenecott, Thunder Bay
Work Order Name	02HM057
Arrival Condition	Intact
Date Started	18-Oct-02
Weight Received (mg)	13,500
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	4,200
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	4,200
Initial Weight (mg)	1,807
Magnetic Separation Weight (mg)	549
Final Weight (mg)	44.9
Date Completed	25-Oct-02

Observer	CB
Observation Date	4-Nov-02
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ecclogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ecclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>3% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolitemite	ILM
All Other Ilmenite	IL
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlite Minerals: 1GM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348019
Date Collected	23/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered in Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	634543
UTM Northing	5781003
Elevation AMSL (m)	405
NTS Map Sheet	33A03
Property	Windy 5
Claim Number	
Anomaly / Target Number	W5-C

Overburden Sample Type	TII
Raw Sample Weight (kg)	
Mark Colour	Beige
Sample Depth (m)	0.2
Drainage Slope Direction	
Slope Gradient (%)	

% Oversize	30
% Cobbles	10
% Pebbles	10
% Sand	20
% Silt	30
% Clay	
Total %	100

Cache Site	
------------	--

Oxidation Level	Low
Sample Site Description	Top of large hill
Raw Sample Description	Subangular, rounded
Remarks (Glacial / Other)	
Interpreted Bedrock	Gneiss

Processing Priority	1
Recording Sequence	118

Picking Results		
Processing Lab	Kenecott, Thunder Bay	
Work Order Name	02HM057	
Arrival Condition	Intact	
Date Started	18-Oct-02	
Weight Received (mg)	6,600	
Initial Screen Size	0.079mm (Kason Screen)	
Initial Screened Weight (mg)	1,600	
Portion	1	
Fraction Code	-0.500 +0.250mm Mag	
Portion Weight (mg)	1,600	
Initial Weight (mg)	665	
Magnetic Separation Weight (mg)	173	
Final Weight (mg)	16.1	
Date Completed	23-Oct-02	

Observer	CB
Observation Date	4-Nov-02
Remarks	
Lherzolitic Pyrope	LHZ
Hausburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Sulf Garnet	MEG
All Other Garnets	GAR
Ectogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Sphene	SPL
Picrolimenite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Spacies	OTH

Described Grains		
Portion		
Fraction Code		
Grain Number		
Grain Type		
Colour Code		
Chromite Code		
Travel Distance		
Form		
Shape		
Clarity		
Lustre		
Surface Feature		
Remark		
Observation Date		
Observer		

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348020
Date Collected	23/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered In Database	24/08/2002

Overburden Sample Type	Till
Raw Sample Weight (kg)	11.8
Matrix Colour	Brown
Sample Depth (m)	0.3
Drainage Slope Direction	340
Slope Gradient (%)	1

Oxidation Level	High
Sample Site Description	Side of small hill
Raw Sample Description	Subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	Granite

Datum	NAD27
UTM Zone	18U
UTM Easting	634444
UTM Northing	5780831
Elevation AMSL (m)	388
NTS Map Sheet	33A03
Property	Windy 5
Claim Number	
Anomaly / Target Number	W5-C

% Oversize	10
% Cobbles	20
% Pebbles	10
% Sand	50
% Silt	10
% Clay	
Total %	100
Cache Site	EMC strip

Processing Priority	3
Recording Sequence	119

Picking Results	
Processing Lab	Kennebott, Thunder Bay
Work Order Name	02HM003
Arrival Condition	Intact
Date Started	6-Dec-02
Weight Received (mg)	11,400
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	2,180
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	2,180
Initial Weight (mg)	954
Magnetic Separation Weight (mg)	147
Final Weight (mg)	19.1
Date Completed	16-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wahabitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Eclogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Pikrolamprophyllite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348021
Date Collected	23/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered in Database	24/08/2002

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	Grey-beige
Sample Depth (m)	0.3
Drainage Slope Direction	
Slope Gradient (%)	

Oxidation Level	Low
Sample Site Description	Gently sloping hill
Raw Sample Description	Subangular, rounded
Remarks (Glacial / Other)	
Interpreted Bedrock	Granite

Datum	NAD27
UTM Zone	18U
UTM Easting	634035
UTM Northing	5780225
Elevation AMSL (m)	376
NTS Map Sheet	33A03
Property	Windy 5
Claim Number	
Anomaly / Target Number	40110A

% Oversize	10
% Cobbles	10
% Pebbles	
% Sand	40
% Silt	40
% Clay	
Total %	100
Cache Site	

Processing Priority	2
Recording Sequence	120

Picking Results		
Processing Lab	Kennecott, Thunder Bay	
Work Order Name	02HM062	
Arrival Condition	Intact	
Date Started	28-Nov-02	
Weight Received (mg)	12,000	
Initial Screen Size	0.979mm (Kason Screen)	
Initial Screened Weight (mg)	1,940	
Portion	1	
Fraction Code	-0.500 +0.250mm Mag	
Portion Weight (mg)	1,940	
Initial Weight (mg)	948	
Magnetic Separation Weight (mg)	478	
Final Weight (mg)	19.7	
Date Completed	29-Nov-02	

Observer	CB
Observation Date	12-Dec-02
Remarks	
Lherzolitic Pyrope	LHZ
Hearzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Sulf. Garnet	MEG
All Other Garnets	GAR
Eudicotic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eudicotic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picroilmenite	ILM
All Other Ilmenite	IL
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains		
Portion		
Fraction Code		
Grain Number		
Grain Type		
Colour Code		
Chromite Code		
Travel Distance		
Form		
Shape		
Clarity		
Lustre		
Surface Feature		
Remark		
Observation Date		
Observer		

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348022
Date Collected	23/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered In Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	642424
UTM Northing	5784050
Elevation AMSL (m)	420
NTS Map Sheet	33A02
Property	Windy 6
Claim Number	
Anomaly / Target Number	81190A

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	Light brown
Sample Depth (m)	0.4
Drainage Slope Direction	
Slope Gradient (%)	

% Oversize	10
% Cobbles	20
% Pebbles	20
% Sand	40
% Silt	10
% Clay	
Total %	100

Cache Site:

Oxidation Level	moderate
Sample Site Description	Gently sloping hill
Raw Sample Description	Subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	Granite

Processing Priority: 1

Recording Sequence: 121

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM057
Arrival Condition	Intact
Date Started	18-Oct-02
Weight Received (mg)	13,200
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,600
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,600
Initial Weight (mg)	1,619
Magnetic Separation Weight (mg)	609
Final Weight (mg)	39.1
Date Completed	25-Oct-02

Observer	CB
Observation Date	4-Nov-02
Remarks	
Lherzolitic Pyrope	LHZ
Hausburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Eclogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolilomelite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348023
Date Collected	23/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered in Database	24/08/2002

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	Brown
Sample Depth (m)	0.3
Drainage Slope Direction	340
Slope Gradient (%)	1

Datum	NAD27
UTM Zone	18U
UTM Easting	642373
UTM Northing	5783958
Elevation AMSL (m)	423
NTS Map Sheet	33A02
Property	Windy 6
Claim Number	
Anomaly / Target Number	61190A

% Overage	10
% Cobbles	10
% Pebbles	30
% Sand	40
% Silt	10
% Clay	
Total %	100
Cache Site	

Oxidation Level	High
Sample Site Description	Small hill in flat area
Raw Sample Description	Subangular, rounded
Remarks (Glacial / Other)	
Interpreted Bedrock	Granite

Processing Priority	3
Recording Sequence	122

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM063

Observer	CB
Observation Date	4-Feb-03
Remarks	

Arrival Condition	Intact
Date Started	6-Dec-02
Weight Received (mg)	13,300
Initial Screen Size	0.079mm (Kason Screen)
Initial Screened Weight (mg)	2,580

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	2,580
Initial Weight (mg)	1,242
Magnetic Separation Weight (mg)	469
Final Weight (mg)	29.0
Date Completed	16-Dec-02

All Other Spinelles	SPL	0
Picrolitemite	ILM	0
All Other Ilmenites	IL-	0
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%	OLI	1
All Amphiboles	AMP	0
All Other Species	OTH	0

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's 2

**Described Grains**

Portion	1	1
Fraction Code	-0.500 +0.250mm Mag	-0.500 +0.250mm Mag
Grain Number	1	2
Grain Type	LHZ	OLI
Colour Code	5125	600
Chromite Code		
Travel Distance	Medium	Medium
Form	ANH	ANH
Shape	SANG	SANG
Clarity	Transparent	Transparent
Lustre	VIT	GLASSY
Surface Feature		FROST
Remark		
Observation Date	5-Feb-03	5-Feb-03
Observer	CB	CB

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348027
Date Collected	27/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered in Database	28/08/2002

Overburden Sample Type	Glacioluvial, alluvial sand
Raw Sample Weight (kg)	
Matrix Colour	Brown
Sample Depth (m)	0.3
Drainage Slope Direction	-
Slope Gradient (%)	-

Oxidation Level	Moderate
Sample Site Description	High sand bank, west bank of Eastmain River, coarse sand
Raw Sample Description	
Remarks (Glacial / Other)	
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	638331
UTM Northing	5780788
Elevation AMSL (m)	385
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	W6-B

% Oversize	
% Cobbles	
% Pebbles	20
% Sand	80
% Silt	
% Clay	
Total %	100
Cache Site	

Processing Priority	3
Recording Sequence	138

Picking Results		
Processing Lab	Kennecott, Thunder Bay	
Work Order Name	02HM063	
Arrival Condition	Intact	
Date Started	6-Dec-02	
Weight Received (mg)	18,100	
Initial Screen Size	0.975mm (Kason Screen)	
Initial Screened Weight (mg)	9,420	
Portion	1	
Fraction Code	-0.500 +0.250mm Mag	
Portion Weight (mg)	4	
Initial Weight (mg)	1,806	
Magnetic Separation Weight (mg)	364	
Final Weight (mg)	44.3	
Date Completed	13-Dec-02	

Observer	CB
Observation Date	4-Feb-03
Remarks	NO CARD
Lherzolitic Pyrope	LHZ
Hausburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suts Gamet	MEG
All Other Gamets	GAR
Ectogitic Gamet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinelts	SPL
Picrolimenite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIMs

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348028
Date Collected	27/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered in Database	28/08/2002

Overburden Sample Type	Glacioluvial, alluvial sand
Raw Sample Weight (kg)	
Matrix Colour	Brown
Sample Depth (m)	0.4
Drainage Slope Direction	-
Slope Gradient (%)	-

Oxidation Level	Moderate
Sample Site Description	Small hill in river alluvial plain, spruce, jack pine, lab. Tea
Raw Sample Description	subrounded clasts
Remarks (Glacial / Other)	
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	636286
UTM Northing	5780888
Elevation AMSL (m)	383
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	W8-B

% Oversize	
% Cobbles	
% Pebbles	10
% Sand	90
% Silt	
% Clay	
Total %	100
Cache Site	

Processing Priority	3
Recording Sequence	139

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM063
Arrival Condition	Intact
Date Started	6-Dec-02
Weight Received (mg)	14,200
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	11,210
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	5,010
Initial Weight (mg)	2,028
Magnetic Separation Weight (mg)	394
Final Weight (mg)	56.4
Date Completed	16-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Sulfite Garnet	MEG
All Other Garnets	GAR
Ectogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolilmenite	ILM
All Other Ilmenites	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	34B029
Date Collected	27/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered In Database	28/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	652892
UTM Northing	5786532
Elevation AMSL (m)	425
NTS Map Sheet	33A02
Property	Windy 7
Claim Number	
Anomaly / Target Number	W7-E

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	Brown
Sample Depth (m)	0.4
Drainage Slope Direction	SSW
Slope Gradient (%)	2

% Oversize	10
% Cobbles	10
% Pebbles	20
% Sand	10
% Silt	20
% Clay	
Total %	70
Cache Site	

Oxidation Level	Moderate
Sample Site Description	Gentle slope to flat, moraine with sparse boulders
Raw Sample Description	
Remarks (Glacial / Other)	
Interpreted Bedrock	Rhomblende gneiss

Processing Priority	1
Recording Sequence	140

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM057
Arrival Condition	Intact
Date Started	18-Oct-02
Weight Received (mg)	11,000
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	2,300
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	2,300
Initial Weight (mg)	929
Magnetic Separation Weight (mg)	270
Final Weight (mg)	29.5
Date Completed	25-Oct-02

Observer	CB
Observation Date	4-Nov-02
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Sulf. Garnet	MEG
All Other Garnets	GAR
Ectograde Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectograde CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolitemite	ILM
All Other Ilmenite	IL
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals: KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348030
Date Collected	27/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered in Database	28/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	652944
UTM Northing	6786573
Elevation AMSL (m)	420
NTS Map Sheet	33A02
Property	Windy 7
Claim Number	
Anomaly/Target Number	W7-E

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	Light brown
Sample Depth (m)	
Drainage Slope Direction	SW
Slope Gradient (%)	1

% Oversize	20
% Cobble	15
% Pebbles	15
% Sand	30
% Silt	20
% Clay	
Total %	100
Cache Site	

Oxidation Level	Slight
Sample Site Description	Genie slope, moraine with large boulders
Raw Sample Description	Subangular clasts
Remarks (Glacial / Other)	
Interpreted Bedrock	Hornblende gneiss

Processing Priority	1
Recording Sequence	141

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM057
Arrival Condition	Intact
Date Started	18-Oct-02
Weight Received (mg)	12,500
Initial Screen Size	0.070mm (Kason Screen)
Initial Screened Weight (mg)	2,100
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	2,100
Initial Weight (mg)	659
Magnetic Separation Weight (mg)	181
Final Weight (mg)	32.4
Date Completed	25-Oct-02

Observer	CB
Observation Date	4-Nov-02
Remarks	
Lherzolite Pyrope	LHZ
Hausburgite Pyrope	HAR
Wehrlite Pyrope	WER
Megacryst Suite Gamet	MEG
All Other Gamets	GAR
Eiloglise Gamet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eiloglise CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Pierowellite	ILM
All Other Ilmenite	IL
Forsterite Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains		
Portion	1	1
Fraction Code	-0.500 +0.250mm Mag	-0.500 +0.250mm Mag
Grain Number	1	2
Grain Type	IL-	OLI
Colour Code	7	608
Chromite Code		
Travel Distance	Medium	Medium
Form	ANH	ANH
Shape	ANG	RND
Clarity	Opaque	Transparent
Lustre	METAL	VIT
Surface Feature		FROST
Remark		
Observation Date	7-Nov-02	7-Nov-02
Observer	CB	CB

Printed: 25-Feb-03

Total Number of Kimberlite Minerals IGMs 2

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348031
Date Collected	27/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered In Database	28/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	652851
UTM Northing	5788023
Elevation AMSL (m)	415
NTS Map Sheet	33A02
Property	Windy 7
Claim Number	
Anomaly / Target Number	W7-F

Overburden Sample Type	Sandy clay till
Raw Sample Weight (kg)	13.6
Matrix Colour	Grey
Sample Depth (m)	
Drainage Slope Direction	S
Slope Gradient (%)	2

% Oversize	10
% Cobbles	10
% Pebbles	10
% Sand	30
% Silt	30
% Clay	10
Total %	100

Cache Site	EMC strip
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Oxidation Level	Slight
Sample Site Description	Small moraine ridge near point of lake, boulders, old burn, spruce, lab. tea
Raw Sample Description	Subangular clasts
Remarks (Glacial / Other)	
Interpreted Bedrock	Hornblende gneiss

Processing Priority	1
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Recording Sequence	142
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**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM057

Arrival Condition	Intact
Date Started	17-Oct-02
Weight Received (mg)	12,600
Initial Screen Size	0.978mm (Kason Screen)
Initial Screened Weight (mg)	1,600

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	1,800
Initial Weight (mg)	645
Magnetic Separation Weight (mg)	246
Final Weight (mg)	18.7
Date Completed	22-Oct-02

Observer	CB
Observation Date	4-Nov-02
Remarks	

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Suite Garnet	MEG	0
All Other Garnets	GAR	0
Eclogitic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Eclogitic CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinel	SPL	0
Picroliments	ILM	0
All Other Ilmenite	IL-	0
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%)	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348032
Date Collected	27/08/2002
Geologist	D. Villeneuve
Sampler 1	D. Patterson
Sampler 2	
Date Entered in Database	28/08/2002

Overburden Sample Type	Sandy till
Raw Sample Weight (kg)	12.5
Mark Colour	Brown
Sample Depth (m)	0.4
Drainage Slope Direction	-
Slope Gradient (%)	-

Oxidation Level	Moderate
Sample Site Description	Low ground on edge of large outcrop of granite gneiss.
Raw Sample Description	Subangular, subrounded
Remarks (Glacial / Other)	
Interpreted Bedrock	Granite gneiss

Datum	NAD27
UTM Zone	18U
UTM Easting	652885
UTM Northing	5786140
Elevation AMSL (m)	415
NTS Map Sheet	33A02
Property	Windy 7
Claim Number	
Anomaly / Target Number	W7-F

% Oversize	5
% Cobble	10
% Pebbles	10
% Sand	30
% Silt	30
% Clay	15
Total %	100

Cache Site EMC strip

Processing Priority	1
Recording Sequence	143

Picking Results	
Processing Lab	Kennebott, Thunder Bay
Work Order Name	02HM057
Arrival Condition	Intact
Date Started	18-Oct-02
Weight Received (mg)	11,500
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	1,600
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	1,600
Initial Weight (mg)	654
Magnetic Separation Weight (mg)	401
Final Weight (mg)	13.1
Date Completed	22-Oct-02

Observer	CB
Observation Date	4-Nov-02
Remarks	
Lherzolite Pyrope	LHZ
Harzburgite Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Eudicotic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eucrosite CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolite	ILM
All Other Ilmenite	IL
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Grain Number	1
Grain Type	OPX
Colour Code	372
Chromite Code	
Travel Distance	Close
Form	ANH
Shape	ANG
Clarity	Transparent
Lustre	GLASSY
Surface Feature	
Remark	
Observation Date	7-Nov-02
Observer	CB

Printed: 25-Feb-03

Total Number of Kimberlite Minerals IGMS 1

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348054
Date Collected	09/08/2002
Geologist	R. Routledge
Sampler 1	C. Husky
Sampler 2	
Date Entered in Database	09/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	671359
UTM Northing	5794782
Elevation AMSL (m)	461
NTS Map Sheet	33A08
Property	Windy 10
Claim Number	1046920
Anomaly / Target Number	W10-E

Overburden Sample Type	Reworked sandy till
Raw Sample Weight (kg)	19.7
Matrix Colour	Brownish grey
Sample Depth (m)	0.5
Drainage Slope Direction	SSW
Slope Gradient (%)	5

% Oversize	5
% Cobble	5
% Pebbles	10
% Sand	60
% Silt	20
% Clay	
Total %	100
Cache Site	

Oxidation Level	Moderate
Sample Site Description	Fluted moraine; Open spruce, mossy, lab. tea.
Raw Sample Description	Subangular to subrounded clasts
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	1
Recording Sequence	23

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HMO5B
Arrival Condition	Intact
Date Started	21-Oct-02
Weight Received (mg)	19,100
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	4,500
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	4,500
Initial Weight (mg)	2,086
Magnetic Separation Weight (mg)	455
Final Weight (mg)	88.3
Date Completed	24-Oct-02

Observer	CB
Observation Date	7-Nov-02
Remarks	
Lherzolitic Pyrope LHZ	0
Harzburgitic Pyrope HAR	0
Wehrlitic Pyrope WER	0
Megacryst Suite Garnet MEG	0
All Other Garnets GAR	0
Eudicotic Garnet ECL	0
Chrome Diopside CD	0
All Clinopyroxene Except CD CPX	2
Eudicotic CPX (Omph @ Jad) EPX	0
Orthopyroxene OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> ) CHR	0
All Other Sphene SPL	0
Picrolitimente ILM	0
All Other Ilmenite IL-	0
Forsteritic Olivine (FO>88%) FOR	0
Olivine FO<88% OLI	0
All Amphiboles AMP	0
All Other Species OTH	0

Total Number of Kimberlite Minerals KIM's	2
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Described Grains		
Portion	1	1
Fraction Code	-0.500 +0.250mm Mag	-0.500 +0.250mm Mag
Grain Number	1	2
Grain Type	CPX	CPX
Colour Code	368	368
Chromite Code		
Travel Distance	Medium	Medium
Form	ANH	ANH
Shape	SRND	SRND
Clarity	Transparent	Transparent
Lustre	VIT	GLASSY
Surface Feature	FROST	
Remark		
Observation Date	8-Nov-02	8-Nov-02
Observer	CB	CB

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348065
Data Collected	09/08/2002
Geologist	R. Routledge
Sampler 1	C. Husky
Sampler 2	
Date Entered in Database	09/08/2002

Overburden Sample Type	Till
Raw Sample Weight (kg)	20.0
Matrix Colour	Brownish grey
Sample Depth (m)	0.5
Drainage Slope Direction	SSW
Slope Gradient (%)	5

Oxidation Level	Moderate
Sample Site Description	
Raw Sample Description	
Remarks (Glacial / Other)	
Interpreted Bedrock	Foliated granite

Datum	NAD27
UTM Zone	18U
UTM Easting	671428
UTM Northing	5794854
Elevation AMSL (m)	473
NTS Map Sheet	33A08
Property	Windy 10
Claim Number	1046920
Anomaly / Target Number	W10-E

% Oversize	10
% Cobbles	5
% Pebbles	15
% Sand	45
% Silt	20
% Clay	5
Total %	100
Cache Site	EMC strip

Processing Priority	1
Recording Sequence	24

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HMO58

Observer	CB
Observation Date	7-Nov-02
Remarks	

Arrival Condition	Intact
Date Started	21-Oct-02
Weight Received (mg)	18,900
Initial Screen Size	0.97mm (Kason Screen)
Initial Screened Weight (mg)	2,100

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	2,100
Initial Weight (mg)	1,309
Magnetic Separation Weight (mg)	482
Final Weight (mg)	58.5
Date Completed	24-Oct-02

All Other Spinelles	SPL	0
Plagioclase	PLM	0
All Other Ilmenites	IL-	0
Forsteritic Olivine (FO>85%)	FOR	0
Olivine FO<85%)	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348056
Date Collected	09/08/2002
Geologist	R. Routledge
Sampler 1	C. Husky
Sampler 2	
Date Entered in Database	09/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	671024
UTM Northing	5794457
Elevation AMSL (m)	469
NTS Map Sheet	33A08
Property	Windy 10
Claim Number	1046919
Anomaly / Target Number	W10-F

Overburden Sample Type	Till
Raw Sample Weight (kg)	17.5
Matrix Colour	Brown
Sample Depth (m)	0.4
Drainage Slope Direction	SE
Slope Gradient (%)	1

% Oversize	20
% Cobble	10
% Pebbles	15
% Sand	40
% Silt	10
% Clay	5
Total %	100
Cache Site	

Oxidation Level	Moderate
Sample Site Description	Open spruce outcrop area in bog. OC to NW foliated granite to granodiorite. Target in peat bog.
Raw Sample Description	Angular to subrounded clasts; few smaller rounded & spherical
Remarks (Glacial / Other)	Good sticky till
Interpreted Bedrock	Foliated granite

Processing Priority	1
Recording Sequence	25

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM058
Airval Condition	Intact
Date Started	21-Oct-02
Weight Received (mg)	16,500
Initial Screen Size	0.978mm (Kason Screen)
Initial Screened Weight (mg)	3,300
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,300
Initial Weight (mg)	1,467
Magnetic Separation Weight (mg)	495
Final Weight (mg)	57.0
Date Completed	23-Oct-02

Observer	CB
Observation Date	7-Nov-02
Remarks	NO CARD
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Sulf. Garnet	MEG
All Other Garnets	GAR
Ecclogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ecclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolilmenite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348057
Date Collected	09/08/2002
Geologist	R. Routledge
Sampler 1	C. Husky
Sampler 2	
Date Entered in Database	09/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	670985
UTM Northing	5794373
Elevation AMSL (m)	486
NTS Map Sheet	33A08
Property	Windy 10
Claim Number	1046919
Anomaly / Target Number	W10-F

Overburden Sample Type	Reworked sandy till
Raw Sample Weight (kg)	19.3
Matrix Colour	Medium brownish grey
Sample Depth (m)	0.35
Drainage Slope Direction	Radial
Slope Gradient (%)	2

% Oversize	5
% Cobbles	10
% Pebbles	15
% Sand	65
% Silt	5
% Clay	
Total %	100

Cache Site	EMC strip
------------	-----------

Oxidation Level	
Sample Site Description	Till mound or lobe SE of large till area. Peat bog up ice and SE. Moraines and bog down ice.
Raw Sample Description	Angular to rounded clasts
Remarks (Glacial / Other)	Hummock? Reworked ablation till?
Interpreted Bedrock	Foliated granite

Processing Priority	3
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Recording Sequence	26
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**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM083

Arrival Condition	Intact
Date Started	6-Dec-02
Weight Received (mg)	19,500
Initial Screen Size	0.079mm (Kason Screen)
Initial Screened Weight (mg)	6,070

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	8,070
Initial Weight (mg)	2,472
Magnetic Separation Weight (mg)	681
Final Weight (mg)	76.6
Date Completed	12-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Suite Garnet	MEG	0
All Other Garnets	GAR	0
Ectogitic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Ectogitic CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinels	SPL	0
Pikrolimenite	ILM	0
All Other Ilmenite	IL-	2
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%)	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's 2

**Described Grains**

Portion	1	1
Fraction Code	-0.500 +0.250mm Mag	-0.500 +0.250mm Mag
Grain Number	1	2
Grain Type	IL-	IL-
Colour Code	7	7
Chromite Code		
Travel Distance	Medium	Medium
Form	ANH	ANH
Shape	ANG	ANG
Clarity	Opaque	Opaque
Lustre	METAL	METAL
Surface Feature	FROST	
Remark		
Observation Date	5-Feb-03	5-Feb-03
Observer	CB	CB

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348058
Date Collected	10/08/2002
Geologist	-
Sampler 1	J. Gunner
Sampler 2	C.Husky
Date Entered in Database	10/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	672375
UTM Northing	5792581
Elevation AMSL (m)	470
NTS Map Sheet	33A08
Property	Windy 10
Claim Number	
Anomaly / Target Number	W10-D

Overburden Sample Type	
Raw Sample Weight (kg)	20.4
Matrix Colour	
Sample Depth (m)	-
Drainage Slope Direction	W
Slope Gradient (%)	2

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Cache Site

Oxidation Level	
Sample Site Description	Moraine, spruce
Raw Sample Description	Subrounded, subangular to angular
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority

1

Recording Sequence

34

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM058

Observer	CB
Observation Date	7-Nov-02
Remarks	

Arrival Condition	Intact
Date Started	21-Oct-02
Weight Received (mg)	18,500
Initial Screen Size	0.079mm (Kason Screen)
Initial Screened Weight (mg)	4,600

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Suite Garnet	MEG	0
All Other Garnets	GAR	0
Eclogitic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Eclogitic CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinel	SPL	0
Picrolimenite	ILM	0
All Other Ilmenite	IL-	0
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	4,600
Initial Weight (mg)	1,908
Magnetic Separation Weight (mg)	530
Final Weight (mg)	59.7
Date Completed	28-Oct-02

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberilic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348059
Date Collected	10/08/2002
Geologist	-
Sampler 1	J. Gunner
Sampler 2	C. Husky
Date Entered in Database	10/08/2002

Overburden Sample Type	
Raw Sample Weight (kg)	20.0
Matrix Colour	Brown
Sample Depth (m)	0.4
Drainage Slope Direction	SE
Slope Gradient (%)	2

Datum	NAD27
UTM Zone	18U
UTM Easting	672287
UTM Northing	5792511
Elevation AMSL (m)	465
NTS Map Sheet	33A08
Property	Windy 10
Claim Number	
Anomaly / Target Number	W10-D

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	
Cache Site	

Oxidation Level	
Sample Site Description	Mossy, spruce
Raw Sample Description	Rounded, subrounded, subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	1
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Recording Sequence	35
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**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM058

Observer	CB
Observation Date	7-Nov-02
Remarks	NO CARD

Amalg Condition	Intact
Date Started	21-Oct-02
Weight Received (mg)	18,400
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,300

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,300
Initial Weight (mg)	1,532
Magnetic Separation Weight (mg)	497
Final Weight (mg)	44.0
Date Completed	29-Oct-02

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348060
Date Collected	10/08/2002
Geologist	-
Sampler 1	J. Gunner
Sampler 2	C. Husky
Date Entered in Database	10/08/2002

Overburden Sample Type	
Raw Sample Weight (kg)	18.4
Matrix Colour	
Sample Depth (m)	0.4
Drainage Slope Direction	SW
Slope Gradient (%)	3

Oxidation Level	
Sample Site Description	Spruce, moraine near lake shore
Raw Sample Description	Rounded, subrounded, subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	672837
UTM Northing	5794870
Elevation AMSL (m)	475
NTS Map Sheet	33A08
Property	Windy 10
Claim Number	
Anomaly / Target Number	W10-B

% Oversize	
% Cobble	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	
Cache Site	EMC strip

Processing Priority	1
Recording Sequence	36

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM058
Arrival Condition	Intact
Date Started	21-Oct-02
Weight Received (mg)	17,100
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	1,800
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	1,800
Initial Weight (mg)	817
Magnetic Separation Weight (mg)	569
Final Weight (mg)	23.0
Date Completed	28-Oct-02

Observer	CB
Observation Date	7-Nov-02
Remarks	
Lherzolitic Pyrope	LHZ 0
Harzburgitic Pyrope	HAR 0
Wehrlitic Pyrope	WER 0
Megacryst Suite Gament	MEG 0
All Other Gaments	GAR 0
Edogitic Garnet	ECL 0
Chrome Diopside	CD 0
All Clinopyroxene Except CD	CPX 0
Ectogitic CPX (Omph @ Jad)	EPX 0
Orthopyroxene	OPX 0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR 0
All Other Spinel	SPL 0
Picrolite	ILM 0
All Other Ilmenita	IL- 0
Forsteritic Olivine (FO>88%)	FOR 0
Olivine FO<88%	OLI 0
All Amphiboles	AMP 0
All Other Species	OTH 0

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Data	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348061
Date Collected	10/08/2002
Geologist	-
Sampler 1	J. Gunner
Sampler 2	C. Husky
Date Entered in Database	10/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	672751
UTM Northing	5794755
Elevation AMSL (m)	477
NTS Map Sheet	33A08
Property	Windy 10
Claim Number	
Anomaly / Target Number	W10-B

Overburden Sample Type	18.1
Raw Sample Weight (kg)	18.1
Matrix Colour	Brown
Sample Depth (m)	0.4
Drainage Slope Direction	
Slope Gradient (%)	

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Cache Site

Oxidation Level	
Sample Site Description	Moraine, spruce near sp of lake
Raw Sample Description	Rounded, subrounded, angular, subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority

1

Recording Sequence

37

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HMO58

Arrival Condition	Intact
Date Started	21-Oct-02
Weight Received (mg)	16,500
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	1,600

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	1,600
Initial Weight (mg)	833
Magnetic Separation Weight (mg)	184
Final Weight (mg)	33.0
Date Completed	28-Oct-02

Observer	CB
Observation Date	7-Nov-02
Remarks	

Lherzolite Pyrope	LHZ	0
Harzburgite Pyrope	HAR	0
Wehrlite Pyrope	WER	0
Megacryst Suite Garnet	MEG	0
All Other Garnets	GAR	0
Eudialyte Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Eudialyte CPX (Omph @ Jsd)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinels	SPL	0
Picrolite	ILM	0
All Other Ilmenite	IL-	0
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348062
Date Collected	11/08/2002
Geologist	R. Routledge
Sampler 1	C. Husky
Sampler 2	
Date Entered in Database	11/08/2002

Overburden Sample Type	
Raw Sample Weight (kg)	13.6
Matrix Colour	Rusty brown
Sample Depth (m)	0.35
Drainage Slope Direction	NW
Slope Gradient (%)	10

Oxidation Level	Moderate-high
Sample Site Description	Gully in esker complex
Raw Sample Description	Well rounded to spherical
Remarks (Glacial / Other)	Far travelled, racce only
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	663563
UTM Northing	5790320
Elevation AMSL (m)	454
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	30330A

% Oversize	
% Cobbles	5
% Pebbles	20
% Sand	75
% Silt	
% Clay	
Total %	100
Cache Site	

Processing Priority	3
Recording Sequence	41

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM063
Arrival Condition	Intact
Date Started	8-Dec-02
Weight Received (mg)	13,400
Initial Screen Size	0.970mm (Kason Screen)
Initial Screened Weight (mg)	4,510
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	4,510
Initial Weight (mg)	1,562
Magnetic Separation Weight (mg)	926
Final Weight (mg)	23.8
Date Completed	13-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ectograde Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectograde CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolilomelite	ILM
All Other Ilmenite	IL
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains		
Portion		
Fraction Code		
Grain Number		
Grain Type		
Colour Code		
Chromite Code		
Travel Distance		
Form		
Shape		
Clarity		
Lustre		
Surface Feature		
Remark		
Observation Date		
Observer		

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIMs:

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348063
Date Collected	11/08/2002
Geologist	R. Routledge
Sampler 1	C. Husky
Sampler 2	
Date Entered in Database	11/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	659488
UTM Northing	5788861
Elevation AMSL (m)	498
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	WB-C 60020A

Overburden Sample Type	
Raw Sample Weight (kg)	16.8
Matrix Colour	Rusty brown
Sample Depth (m)	0.5
Drainage Slope Direction	SW
Slope Gradient (%)	40

% Over-size	
% Cobbles	15
% Pebbles	15
% Sand	70
% Silt	
% Clay	
Total %	100

Oxidation Level	Moderate-high
Sample Site Description	Esker-moraine complex
Raw Sample Description	Well rounded to spherical
Remarks (Glacial / Other)	Recc only
Interpreted Bedrock	

Processing Priority	3
Recording Sequence	42

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM063
Arrival Condition	Intact
Date Started	6-Dec-02
Weight Received (mg)	16,700
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,710
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,710
Initial Weight (mg)	1,044
Magnetic Separation Weight (mg)	407
Final Weight (mg)	45.1
Date Completed	13-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Sulfide Garnet	MEG
All Other Garnets	GAR
Eilogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eilogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinelts	SPL
Picrolitic Olivine	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348064
Date Collected	11/08/2002
Geologist	R. Routledge
Sampler 1	C. Husky
Sampler 2	
Date Entered In Database	11/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	659423
UTM Northing	5788789
Elevation AMSL (m)	488
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	WB-C 60020A

Overburden Sample Type	
Raw Sample Weight (kg)	14.7
Matrix Colour	Rusty brown
Sample Depth (m)	0.3
Drainage Slope Direction	NE
Slope Gradient (%)	35

% Oversize	1
% Cobbles	10
% Pebbles	30
% Sand	60
% Silt	
% Clay	
Total %	101
Cache Site	

Oxidation Level	Moderate-high
Sample Site Description	Open spruce, jack pine, moss, tea; ablation or glaciofluvial part of esker/wastage complex
Raw Sample Description	Subangular to rounded, rusty, rotted clasts
Remarks (Glacial / Other)	Hard digging, compact stoney material.
Interpreted Bedrock	

Processing Priority	3
Recording Sequence	43

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM063
Arrival Condition	Intact
Date Started	6-Dec-02
Weight Received (mg)	14,900
Initial Screen Size	0.970mm (Kason Screen)
Initial Screened Weight (mg)	3,780
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,780
Initial Weight (mg)	1,714
Magnetic Separation Weight (mg)	624
Final Weight (mg)	47.6
Date Completed	13-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Hausbergitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ectoclastic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectoclastic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolherzolite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348067
Date Collected	13/08/2002
Geologist	R. Routledge
Sampler 1	C. Husky
Sampler 2	
Date Entered In Database	13/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	657789
UTM Northing	5789516
Elevation AMSL (m)	475
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	W8-E

Overburden Sample Type	Till or glaciofluvial
Raw Sample Weight (kg)	27.7
Matrix Colour	Rusty brown
Sample Depth (m)	0.5
Drainage Slope Direction	NW
Slope Gradient (%)	25

% Oversize	5
% Cobbles	2
% Pebbles	15
% Sand	75
% Silt	
% Clay	
Total %	97

Oxidation Level	Moderate to high
Sample Site Description	Hill, open spruce/jack pine
Raw Sample Description	Subangular to subrounded
Remarks (Glacial / Other)	Sandy till or outwash
Interpreted Bedrock	

Processing Priority	3
Recording Sequence	54

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM063
Arrival Condition	Intact
Date Started	6-Dec-02
Weight Received (mg)	28,000
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	6,630
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	6,630
Initial Weight (mg)	3,102
Magnetic Separation Weight (mg)	1,251
Final Weight (mg)	85.3
Date Completed	13-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ecdiopitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ecdiopitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>3% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinelts	SPL
Picroliliments	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348068
Date Collected	13/08/2002
Geologist	R. Routledge
Sampler 1	C. Husky
Sampler 2	
Date Entered in Database	13/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	657727
UTM Northing	5789410
Elevation AMSL (m)	468
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	WB-E

Overburden Sample Type	Glacioluvial/re-worked till?
Raw Sample Weight (kg)	20.9
Matrix Colour	Brown, rusty brown
Sample Depth (m)	0.5
Drainage Slope Direction	NE
Slope Gradient (%)	10

Oxidation Level	Moderate to high
Sample Site Description	Open spruce/jack pine
Raw Sample Description	Subangular to subrounded
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	2
Recording Sequence	55

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM082

Arrival Condition	Intact
Date Started	26-Nov-02
Weight Received (mg)	20,000
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,170

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,170
Initial Weight (mg)	1,562
Magnetic Separation Weight (mg)	618
Final Weight (mg)	42.1
Date Completed	28-Nov-02

Observer	CB
Observation Date	12-Dec-02
Remarks	

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Suite Garnet	MEG	0
All Other Garnets	GAR	0
Eclogitic Garnet	ECL	0
Chromite Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Eclogitic CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinelts	SPL	0
Picrolimenite	ILM	0
All Other Ilmenite	IL	1
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's 1

**Described Grains**

Portion	1		
Fraction Code	-0.500 +0.250mm Mag		
Grain Number	1		
Grain Type	IL-		
Colour Code	7		
Chromite Code			
Travel Distance	Medium		
Form	ANH		
Shape	ANG		
Clarity	Opaque		
Lustre	METAL		
Surface Feature	FROST		
Remark			
Observation Date	12-Dec-02		
Observer	CB		

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348069
Date Collected	13/08/2002
Geologist	R. Roulledge
Sampler 1	C. Husky
Sampler 2	
Date Entered in Database	13/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	655741
UTM Northing	5787568
Elevation AMSL (m)	480
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	60290A

Overburden Sample Type	Till
Raw Sample Weight (kg)	19.5
Matrix Colour	Brown
Sample Depth (m)	0.5
Drainage Slope Direction	NW
Slope Gradient (%)	20

% Oversize	
% Cobbles	20
% Pebbles	15
% Sand	60
% Silt	5
% Clay	
Total %	100

Cache Site EMC strip

Oxidation Level	Moderate to high
Sample Site Description	Old burn, spruce, jack pine, open.
Raw Sample Description	Angular; subangular
Remarks (Glacial / Other)	Target in slight depression or gully draining down ice
Interpreted Bedrock	

Processing Priority	1
Recording Sequence	56

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM058
Arrival Condition	Intact
Date Started	21-Oct-02
Weight Received (mg)	19,600
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	4,100
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	4,100
Initial Weight (mg)	1,728
Magnetic Separation Weight (mg)	996
Final Weight (mg)	46.0
Date Completed	30-Oct-02

Observer	CB
Observation Date	7-Nov-02
Remarks	

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wohlbäckitic Pyrope	WER	0
Megacryst Suite Garnet	MEG	0
All Other Garnets	GAR	0
Ecclogitic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Ecclogite CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinel	SPL	0
Picrolimenite	ILM	0
All Other Ilmenite	IL-	1
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

Total Number of Kimberlite Minerals KIM's 1

**Described Grains**

Portion	1	
Fraction Code	-0.500 +0.250mm Mag	
Grain Number	1	
Grain Type	IL-	
Colour Code	7	
Chromite Code		
Travel Distance	Medium	
Form	ANH	
Shape	ANG	
Clarity	Opaque	
Lustre	METAL	
Surface Feature		
Remark		
Observation Date	8-Nov-02	
Observer	CB	

Printed: 25-Feb-03

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348070
Date Collected	13/08/2002
Geologist	R. Routledge
Sampler 1	C. Husky
Sampler 2	
Date Entered in Database	13/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	655672
UTM Northing	5787816
Elevation AMSL (m)	460
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	60290A

Overburden Sample Type	Boulder till
Raw Sample Weight (kg)	18.7
Matrix Colour	Brown to grey
Sample Depth (m)	0.35
Drainage Slope Direction	NW
Slope Gradient (%)	10

% Oversize	20
% Cobbles	
% Pebbles	20
% Sand	60
% Silt	
% Clay	
Total %	100

Cache Site EMC strip

Oxidation Level	Moderate
Sample Site Description	Old burn, spruce, jack pine, open.
Raw Sample Description	Subangular to subrounded
Remarks (Glacial / Other)	Washed III
Interpreted Bedrock	

Processing Priority 1

Recording Sequence 57

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM058
Arrival Condition	Intact
Date Started	21-Oct-02
Weight Received (mg)	19,700
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	4,700

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	4,700
Initial Weight (mg)	2,188
Magnetic Separation Weight (mg)	1,301
Final Weight (mg)	67.7
Date Completed	30-Oct-02

Observer	CB
Observation Date	7-Nov-02
Remarks	

Iherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Sulfide Garnet	MEG	0
All Other Garnets	GAR	0
Ectogitic Garnet	ECL	0
Chrome Diopside	CD	1
All Clinopyroxene Except CD	CPX	0
Ectogitic CPX (Omph @ Jad)	EPX	0
Orthopyroxene	CPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinel	SPL	0
Pierrotimite	ILM	0
All Other Ilmenites	IL-	0
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's 1

**Described Grains**

Portion	1		
Fraction Code	-0.500 +0.250mm Mag		
Grain Number	1		
Grain Type	CD		
Colour Code	367		
Chromite Code			
Travel Distance	Close		
Form	ANH		
Shape	ANG		
Clarity	Translucent		
Lustre	VIT		
Surface Feature	FROST		
Remark			
Observation Date	8-Nov-02		
Observer	CB		

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348075
Date Collected	14/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	C. Husky
Date Entered in Database	15/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	651587
UTM Northing	5798218
Elevation AMSL (m)	408
NTS Map Sheet	33A07
Property	Windy 2
Claim Number	
Anomaly / Target Number	W2-E

Overburden Sample Type	
Raw Sample Weight (kg)	24.5
Matrix Colour	Brown
Sample Depth (m)	0.4
Drainage Slope Direction	
Slope Gradient (%)	

Oxidation Level	
Sample Site Description	Bedrock, top of mountain, 2002 burn
Raw Sample Description	Angular, subangular, subrounded, rounded
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	1
Recording Sequence	75

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM059
Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	22,500
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	5,110
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	5,110
Initial Weight (mg)	2,312
Magnetic Separation Weight (mg)	798
Final Weight (mg)	71.9
Date Completed	10-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Hausbergitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Eclogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picroilmenite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion	1	1	1
Fraction Code	-0.500 +0.250mm Mag	-0.500 +0.250mm Mag	-0.500 +0.250mm Mag
Grain Number	1	2	3
Grain Type	FOR	FOR	LHZ
Colour Code	608	608	669
Chromite Code			
Travel Distance	Medium	Medium	Medium
Form	ANH	ANH	ANH
Shape	SANG	SAHG	SANG
Clarity	Transparent	Transparent	Transparent
Lustre	VIT	VIT	VIT
Surface Feature	FROST	FROST	FROST
Remark			
Observation Date	5-Feb-03	5-Feb-03	5-Feb-03
Observer	CB	CB	CB

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's 3

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	34B076
Date Collected	14/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	C. Husky
Date Entered In Database	15/08/2002

Overburden Sample Type	
Raw Sample Weight (kg)	29.0
Matrix Colour	Brown
Sample Depth (m)	
Drainage Slope Direction	S
Slope Gradient (%)	5

Oxidation Level	
Sample Site Description	2002 burn
Raw Sample Description	Angular to rounded
Remarks (Glacial / Other)	
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	051514
UTM Northing	5788179
Elevation AMSL (m)	403
NTS Map Sheet	33A07
Property	Windy 2
Claim Number	
Anomaly / Target Number	W2-E

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	
Cache Site	EMC strip

Processing Priority	1
Recording Sequence	78

**Picking Results**

Processing Lab	Kennebott, Thunder Bay
Work Order Name	02HM059

Observer	CB
Observation Date	4-Feb-03
Remarks	NO CARD

Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	25,400
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	410

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Sulf. Garnet	MEG	0
All Other Garnets	GAR	0
Eclogite Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Eclogite CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinel	SPL	0
Picrolilmenite	ILM	0
All Other Ilmenite	IL-	0
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	410
Initial Weight (mg)	214
Magnetic Separation Weight (mg)	80
Final Weight (mg)	2.8
Date Completed	10-Dec-02

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348077
Date Collected	16/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	C. Husky
Date Entered in Database	16/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	634348
UTM Northing	5788128
Elevation AMSL (m)	402
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	WI-G

Overburden Sample Type	Till
Raw Sample Weight (kg)	20.4
Matrix Colour	Brown
Sample Depth (m)	0.3
Drainage Slope Direction	NW
Slope Gradient (%)	1

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Oxidation Level	
Sample Site Description	Moraine, spruce, near lake
Raw Sample Description	Rounded, subrounded, sub angular
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	1
Recording Sequence	83

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM059
Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	20,800
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	2,490
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	2,490
Initial Weight (mg)	1,452
Magnetic Separation Weight (mg)	401
Final Weight (mg)	14.8
Date Completed	10-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Hausburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ectologic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectologic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinels	SPL
Picroliliments	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Grain Number	1
Grain Type	CPX
Colour Code	369
Chromite Code	
Travel Distance	Medium
Form	ANH
Shape	SANG
Clarity	Translucent
Lustre	DULL
Surface Feature	
Remark	
Observation Date	5-Feb-03
Observer	CB

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's 1

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348078
Date Collected	16/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	C. Husky
Date Entered in Database	16/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	634193
UTM Northing	5788002
Elevation AMSL (m)	408
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	W1-G

Overburden Sample Type	Till
Raw Sample Weight (kg)	24.9
Matrix Colour	Brown to grey
Sample Depth (m)	0.3
Drainage Slope Direction	SW
Slope Gradient (%)	2

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Cache Site      EMC strip

Oxidation Level	
Sample Site Description	Moraine, spruce, behind Windy Min. camp
Raw Sample Description	Rounded, subrounded, sub angular
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	1
Recording Sequence	84

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM059
Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	24,800
Initial Screen Size	0.970mm (Kason Screen)
Initial Screened Weight (mg)	6,420
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	6,420
Initial Weight (mg)	3,394
Magnetic Separation Weight (mg)	868
Final Weight (mg)	47.1
Date Completed	10-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Subl. Garnet	MEG
All Other Garnets	GAR
Ectogabbr. Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogabbr. CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinelts	SPL
Picrolitophile	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KMS

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348079
Date Collected	16/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	C. Husky
Date Entered in Database	16/08/2002

Overburden Sample Type	Till
Raw Sample Weight (kg)	15.4
Matrix Colour	Brown to gray
Sample Depth (m)	0.3
Drainage Slope Direction	SW
Slope Gradient (%)	2

Oxidation Level	
Sample Site Description	Moraine, spruce
Raw Sample Description	Rounded, subrounded
Remarks (Glacial / Other)	
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	634619
UTM Northing	5787904
Elevation AMSL (m)	397
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	W1-F

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Cache Site	EMC strip
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Processing Priority	1
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Recording Sequence	85
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Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM058
Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	14,600
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	5,720
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	5,720
Initial Weight (mg)	3,394
Magnetic Separation Weight (mg)	468
Final Weight (mg)	41.8
Date Completed	9-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope LHZ	0
Harzburgitic Pyrope HAR	0
Wehrlitic Pyrope WER	0
Megacryst Suite Garnet MEG	0
All Other Garnets GAR	0
Ectogitic Garnet ECL	0
Chrome Diopside CD	0
All Clinopyroxene Except CD CPX	1
Ectogitic CPX (Omph @ Jad) EPX	0
Orthopyroxene OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> ) CHR	0
All Other Spinelis SPL	0
Picrolitrite ILM	0
All Other Ilmenite IL-	2
Forsteritic Olivine (FO>88%) FOR	0
Olivine FO<88% OLI	0
All Amphiboles AMP	0
All Other Species OTH	0

Portion	1	1	1
Fraction Code	-0.500 +0.250mm Mag	-0.500 +0.250mm Mag	-0.500 +0.250mm Mag
Grain Number	1	2	3
Grain Type	CPX	IL-	IL-
Colour Code	369	7	7
Chromite Code			
Travel Distance	Medium	Medium	Medium
Form	ANH	ANH	ANH
Shape	SANG	ANG	ANG
Clarity	Transparent	Opaque	Opaque
Lustre	VIT	METAL	METAL
Surface Feature		FROST	
Remark			
Observation Date	5-Feb-03	5-Feb-03	5-Feb-03
Observer	CB	CB	CB

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's 3

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348080
Date Collected	16/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	C. Husky
Date Entered In Database	18/08/2002

Overburden Sample Type	Till
Raw Sample Weight (kg)	20.0
Matrix Colour	Brown
Sample Depth (m)	
Drainage Slope Direction	S
Slope Gradient (%)	2

Oxidation Level	
Sample Site Description	Moraine, spruce, near lake
Raw Sample Description	Subangular, subrounded, rounded
Remarks (Glacial / Other)	
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	637001
UTM Northing	5780503
Elevation AMSL (m)	408
NTS Map Sheet	33A02
Property	Windy 1
Claim Number	
Anomaly / Target Number	LB-A

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Cache Site	EMC strip
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Processing Priority	3
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Recording Sequence	86
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Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM063
Arrival Condition	Intact
Date Started	6-Dec-02
Weight Received (mg)	19,800
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,850
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,850
Initial Weight (mg)	1,836
Magnetic Separation Weight (mg)	831
Final Weight (mg)	48.3
Date Completed	16-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Herzolitic Pyrope	LHZ
Harzburgite Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Eclogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinels	SPL
Picrolhercules	ILM
All Other Ilmenites	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348081
Date Collected	16/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	C. Husky
Date Entered in Database	16/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	636934
UTM Northing	5790427
Elevation AMSL (m)	412
NTS Map Sheet	33A02
Property	Windy I
Claim Number	
Anomaly / Target Number	LB-A

Overburden Sample Type	
Raw Sample Weight (kg)	23.1
Mark Colour	Brown to grey
Sample Depth (m)	0.3
Drainage Slope Direction	NE
Slope Gradient (%)	2

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Cache Site	EMC strip
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Oxidation Level	
Sample Site Description	Moraine, spruce
Raw Sample Description	Rounded, subrounded, sub angular
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	1
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Recording Sequence	87
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**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM063
Arrival Condition	Intact
Date Started	6-Dec-02
Weight Received (mg)	22,200
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	5,080
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	5,080
Initial Weight (mg)	2,136
Magnetic Separation Weight (mg)	778
Final Weight (mg)	58.8
Date Completed	16-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Sulfide Garnet	MEG	0
All Other Garnets	GAR	0
Ecclogitic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Ecclogitic CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Sphene	SPL	0
Picrolimenite	ILM	0
All Other Limenite	IL-	0
Forsteritic Olivine (FO>88%)	FOR	1
Olivine FO<88%	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

**Described Grains**

Portion	1		
Fraction Code	-0.500 +0.250mm Mag		
Grain Number	1		
Grain Type	FOR		
Colour Code	008		
Chromite Code			
Travel Distance	Medium		
Form	AHH		
Shape	SRND		
Clarity	Transparent		
Lustre	VIT		
Surface Feature	FROST		
Remark			
Observation Date	5-Feb-03		
Observer	CB		

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's 1

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348082
Date Collected	16/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	C. Husky
Date Entered In Database	16/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	636535
UTM Northing	5789731
Elevation AMSL (m)	406
NTS Map Sheet	33A02
Property	Windy 1
Claim Number	
Anomaly / Target Number	WI-1

Overburden Sample Type	
Raw Sample Weight (kg)	22.5
Matrix Colour	Brown
Sample Depth (m)	0.3
Drainage Slope Direction	NW
Slope Gradient (%)	2

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Cache Site	EMC strip
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Oxidation Level	
Sample Site Description	Moraine, spruce near old bum & swamp
Raw Sample Description	Rounded, subrounded
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	1
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Recording Sequence	88
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**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM059

Observer	CB
Observation Date	4-Feb-03
Remarks	

Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	21,000
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	5,240

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Suite Garnet	MEG	0
All Other Garnets	GAR	0
Ectologic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CPX	CPX	0
Ectologic CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinelis	SPL	0
Picrolomelite	ILM	0
All Other Ilmenites	IL	0
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%)	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Initial Weight (mg)	5,240
Initial Weight (mg)	596
Magnetic Separation Weight (mg)	126
Final Weight (mg)	6.6
Date Completed	9-Dec-02

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals: 1KM+

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348083
Date Collected	16/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	C. Husky
Date Entered in Database	16/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	636453
UTM Northing	5789708
Elevation AMSL (m)	408
NTS Map Sheet	33A02
Property	Windy 1
Claim Number	
Anomaly / Target Number	W1-I

Overburden Sample Type	
Raw Sample Weight (kg)	23.1
Matrix Colour	Brown to grey
Sample Depth (m)	
Drainage Slope Direction	NW
Slope Gradient (%)	

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Oxidation Level	
Sample Site Description	Moraine, spruce near old burn
Raw Sample Description	Subrounded, rounded
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	1
Recording Sequence	89

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM059
Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	21,800
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,570
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,570
Initial Weight (mg)	1,790
Magnetic Separation Weight (mg)	530
Final Weight (mg)	47.5
Date Completed	10-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ecclogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ecclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Pseudomorphite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains		
Portion	1	1
Fraction Code	-0.500 +0.250mm Mag	-0.500 +0.250mm Mag
Grain Number	1	2
Grain Type	FOR	OLI
Colour Code	608	608
Chromite Code		
Travel Distance	Medium	Medium
Form	ANH	ANH
Shape	SANG	SANG
Clarity	Transparent	Transparent
Lustre	VIT	VIT
Surface Feature	FROST	
Remark		
Observation Date	5-Feb-03	5-Feb-03
Observer	CB	CB

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's 2

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348108
Date Collected	08/08/2002
Geologist	R. Routledge
Sampler 1	E. Coon-Come
Sampler 2	
Date Entered in Database	08/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	674561
UTM Northing	5795845
Elevation AMSL (m)	509
NTS Map Sheet	33A08
Property	Windy 10
Claim Number	1046927
Anomaly / Target Number	W10-A

Overburden Sample Type	Till
Raw Sample Weight (kg)	25.2
Matrix Colour	Dark brown to dark rusty brown
Sample Depth (m)	0.4
Drainage Slope Direction	SE
Slope Gradient (%)	2

% Oversize	15
% Cobbles	10
% Pebbles	25
% Sand	40
% Silt	10
% Clay	
Total %	100
Cache Site	

Oxidation Level	High
Sample Site Description	Open spruce, mossy, lab. tea. Ground moraine, fluted, reworked from older glacioluvial material.
Raw Sample Description	Angular to rounded clasts
Remarks (Glacial / Other)	At water table... oxidized dark in upper hole, rusty brown at bottom
Interpreted Bedrock	

Processing Priority	1
Recording Sequence	16

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM059
Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	23,700
Initial Screen Size	0.076mm (Kason Screen)
Initial Screened Weight (mg)	4,400
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	4,400
Initial Weight (mg)	1,986
Magnetic Separation Weight (mg)	532
Final Weight (mg)	47.6
Date Completed	9-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Sulf. Garnet	MEG
All Other Garnets	GAR
Ectoeric Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectoeric CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picroliliments	ILM
All Other Ilments	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348109
Date Collected	08/08/2002
Geologist	R. Routledge
Sampler 1	E. Coon-Come
Sampler 2	
Date Entered In Database	08/08/2002

Overburden Sample Type	Till
Raw Sample Weight (kg)	24.0
Matrix Colour	Dark brown to dark rusty brown
Sample Depth (m)	0.35
Drainage Slope Direction	SE
Slope Gradient (%)	2

Oxidation Level	High
Sample Site Description	Open spruce, mossy, lab. tea. Ground moraine, fluted, reworked from older glacial fluvial material.
Raw Sample Description	Angular to rounded clasts
Remarks (Glacial / Other)	At water table.. oxidized dark in upper hole, rusty brown at bottom
Interpreted Bedrock	

Datum	HAD27
UTM Zone	18U
UTM Easting	674523
UTM Northing	5795812
Elevation AMSL (m)	510
NTS Map Sheet	33A08
Property	Windy 10
Claim Number	1046928
Anomaly / Target Number	W10-A

% Oversize	15
% Cobbles	10
% Pebbles	20
% Sand	40
% Silt	15
% Clay	
Total %	100
Cache Site	

Processing Priority	1
Recording Sequence	17

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM058
Arrival Condition	Intact
Date Started	3-Dec-02
Weight Received (mg)	22,300
Initial Screen Size	0.079mm (Kason Screen)
Initial Screened Weight (mg)	4,080
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	4,080
Initial Weight (mg)	1,804
Magnetic Separation Weight (mg)	711
Final Weight (mg)	47.6
Date Completed	6-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ectogic Garnet	ECL
Chrom Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolomelite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348119
Date Collected	10/08/2002
Geologist	R. Routledge
Sampler 1	E. Coon-Come
Sampler 2	
Date Entered in Database	10/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	673286
UTM Northing	5794642
Elevation AMSL (m)	490
NTS Map Sheet	33A08
Property	Windy 10
Claim Number	1046923
Anomaly / Target Number	W10-C

Overburden Sample Type	Reworked sandy till
Raw Sample Weight (kg)	18.8
Matrix Colour	Brownish grey
Sample Depth (m)	0.4
Drainage Slope Direction	SE
Slope Gradient (%)	20

% Oversize	5
% Cobbles	15
% Pebbles	20
% Sand	50
% Silt	10
% Clay	
Total %	100

Cache Site	EMC strip
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Oxidation Level	Moderate
Sample Site Description	SE bank of moraine lobe near lake shore
Raw Sample Description	Angular to subrounded clasts, low to med. Sphericity for granitic clasts
Remarks (Glacial / Other)	Target in lake 110° from point
Interpreted Bedrock	

Processing Priority	1
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Recording Sequence	31
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Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HMO59
Arrival Condition	Intact
Date Started	3-Dec-02
Weight Received (mg)	18,500
Initial Screen Size	0.970mm (Kason Screen)
Initial Screened Weight (mg)	3,630
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,630
Initial Weight (mg)	1,818
Magnetic Separation Weight (mg)	680
Final Weight (mg)	60.9
Date Completed	6-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	NO CARD
Herzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Eclogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picroilmenite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Luster	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed:	25-Feb-03
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Total Number of Kimberilitic Minerals	KIM's
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**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348120
Date Collected	10/08/2002
Geologist	R. Routledge
Sampler 1	E. Coon-Come
Sampler 2	
Date Entered in Database	10/08/2002

Overburden Sample Type	Reworked sandy till
Raw Sample Weight (kg)	19.3
Matrix Colour	Brownish grey
Sample Depth (m)	0.4
Drainage Slope Direction	SE
Slope Gradient (%)	2

Oxidation Level	Moderate
Sample Site Description	SE flank of moraine lobe near lake shore
Raw Sample Description	Angular to subrounded clasts, some near spherical
Remarks (Glacial / Other)	
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	673185
UTM Northing	5794570
Elevation AMSL (m)	490
NTS Map Sheet	33A08
Property	Windy 10
Claim Number	1046923
Anomaly / Target Number	W10-C

% Oversize	1
% Cobbles	10
% Pebbles	20
% Sand	60
% Silt	10
% Clay	
Total %	101
Cache Site	

Processing Priority	1
Recording Sequence	32

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM059
Arrival Condition	Intact
Date Started	3-Dec-02
Weight Received (mg)	18,400
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,680
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,680
Initial Weight (mg)	1,762
Magnetic Separation Weight (mg)	751
Final Weight (mg)	59.4
Date Completed	6-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ectogic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolimonite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348121
Date Collected	10/08/2002
Geologist	R. Routledge
Sampler 1	E. Coon-Come
Sampler 2	
Date Entered in Database	10/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	673023
UTM Northing	5794599
Elevation AMSL (m)	479
NTS Map Sheet	33A08
Property	Windy 10
Claim Number	1046923
Anomaly / Target Number	W10-C

Overburden Sample Type	
Raw Sample Weight (kg)	19.1
Matrix Colour	Brownish grey
Sample Depth (m)	0.4
Drainage Slope Direction	SE
Slope Gradient (%)	5

% Oversize	
% Cobbles	10
% Pebbles	20
% Sand	60
% Silt	10
% Clay	
Total %	100

Cache Site

Oxidation Level	Moderate
Sample Site Description	SW end of moraine lobe near lake shore
Raw Sample Description	Subangular, subrounded to rounded.
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority 1

Recording Sequence 33

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM059

Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	18,000
Initial Screen Size	0.978mm (Kason Screen)
Initial Screened Weight (mg)	4,020

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	4,020
Initial Weight (mg)	1,854
Magnetic Separation Weight (mg)	716
Final Weight (mg)	65.4
Date Completed	9-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Suite Garnet	MEG	0
All Other Garnets	GAR	0
Ectogic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Ectogic CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinel	SPL	0
Picroliments	ILM	0
All Other Ilmenite	IL-	1
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%)	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's 1

**Described Grains**

Portion	1		
Fraction Code	-0.500 +0.250mm Mag		
Grain Number	1		
Grain Type	IL-		
Colour Code	7		
Chromite Code			
Travel Distance	Medium		
Form	ANH		
Shape	ANG		
Clarity	Opaque		
Lustre	METAL		
Surface Feature			
Remark			
Observation Date	5-Feb-03		
Observer	CB		

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348122
Date Collected	11/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	E. Coon-Come
Date Entered in Database	11/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	665798
UTM Northing	5790009
Elevation AMSL (m)	455
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	30240A

Overburden Sample Type	
Raw Sample Weight (kg)	17.0
Matrix Colour	Brown
Sample Depth (m)	
Drainage Slope Direction	S
Slope Gradient (%)	5

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Oxidation Level	
Sample Site Description	Moraine, spruce
Raw Sample Description	Rounded, subrounded
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	3
Recording Sequence	44

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM004
Arrival Condition	Intact
Date Started	5-Dec-02
Weight Received (mg)	18,900
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	2,900
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	2,900
Initial Weight (mg)	1,350
Magnetic Separation Weight (mg)	468
Final Weight (mg)	33.9
Date Completed	12-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ectogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogitic CPX (Omph @ Jd)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picroilmenite	ILM
All Other Ilmenite	IL
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348123
Date Collected	11/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	E. Coon-Come
Date Entered in Database	11/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	865721
UTM Northing	5789021
Elevation AMSL (m)	453
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	30240A

Overburden Sample Type	
Raw Sample Weight (kg)	15.6
Matrix Colour	Brown
Sample Depth (m)	
Drainage Slope Direction	S
Slope Gradient (%)	5

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Oxidation Level	
Sample Site Description	Moraine, spruce
Raw Sample Description	Subrounded, subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	3
Recording Sequence	45

Picking Results	
Processing Lab	Kenncott, Thunder Bay
Work Order Name	02HM064
Arrival Condition	Holes in Bag
Date Started	5-Dec-02
Weight Received (mg)	15,100
Initial Screen Size	0.970mm (Kason Screen)
Initial Screened Weight (mg)	1,230
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	1,230
Initial Weight (mg)	526
Magnetic Separation Weight (mg)	208
Final Weight (mg)	13.3
Date Completed	12-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ectogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolilomelite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348124
Date Collected	11/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	E. Coon-Come
Date Entered in Database	11/08/2002

Overburden Sample Type	
Raw Sample Weight (kg)	15.9
Matrix Colour	Dark brown
Sample Depth (m)	0.4
Drainage Slope Direction	S
Slope Gradient (%)	2

Oxidation Level	
Sample Site Description	Moraine, spruce, bouldery
Raw Sample Description	Rounded, subrounded, angular, subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	682756
UTM Northing	5789925
Elevation AMSL (m)	458
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	30400A

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Processing Priority	3
Recording Sequence	46

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM084
Arrival Condition	Intact
Date Started	5-Dec-02
Weight Received (mg)	16,000
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	4,910
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	4,910
Initial Weight (mg)	2,652
Magnetic Separation Weight (mg)	921
Final Weight (mg)	28.1
Date Completed	11-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ectoclastic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectoclastic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Sphene	SPL
Pleocroilite	ILM
All Other Ilmenite	IL
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348125
Date Collected	11/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	E. Coon-Come
Date Entered in Database	11/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	662669
UTM Northing	5789890
Elevation AMSL (m)	447
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	30400A

Overburden Sample Type	
Raw Sample Weight (kg)	15.8
Matrix Colour	Brown
Sample Depth (m)	
Drainage Slope Direction	SE
Slope Gradient (%)	5

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	
Cache Site	

Oxidation Level	
Sample Site Description	Moraine, spruce
Raw Sample Description	Rounded, subrounded, angular, subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	3
Recording Sequence	47

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM064
Arrival Condition	Intact
Date Started	5-Dec-02
Weight Received (mg)	16,100
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	2,290
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	2,290
Initial Weight (mg)	1,150
Magnetic Separation Weight (mg)	232
Final Weight (mg)	24.0
Date Completed	11-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Hausbergitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Eclogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolilomelite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Clinive FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348126
Date Collected	11/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	E. Coon-Come
Date Entered in Database	11/08/2002

Overburden Sample Type	
Raw Sample Weight (kg)	14.1
Matrix Colour	Brown
Sample Depth (m)	0.4
Drainage Slope Direction	SE
Slope Gradient (%)	2

Oxidation Level	
Sample Site Description	Moraine, spruce
Raw Sample Description	Rounded, subrounded
Remarks (Glacial / Other)	.
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	681493
UTM Northing	5788892
Elevation AMSL (m)	483
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	W8-B

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	
Cache Site	

Processing Priority	3
Recording Sequence	48

**Picking Results**

Processing Lab	Kennebott, Thunder Bay
Work Order Name	02HM064
Arrival Condition	Intact
Date Started	5-Dec-02
Weight Received (mg)	13,800
Initial Screen Size	0.975mm (Kason Screen)
Initial Screened Weight (mg)	1,840
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	1,840
Initial Weight (mg)	798
Magnetic Separation Weight (mg)	355
Final Weight (mg)	19.8
Date Completed	12-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Hazzburgitic Pyrope	HAR
Wahabitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnet	GAR
Ectogelite Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogelite CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Plagioclase	PLM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Data			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348127
Date Collected	11/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	E. Coon-Come
Date Entered In Database	11/08/2002

Overburden Sample Type	
Raw Sample Weight (kg)	12.2
Matrix Colour	Black to brown
Sample Depth (m)	
Drainage Slope Direction	SW
Slope Gradient (%)	2

Oxidation Level	
Sample Site Description	Moraine, spruce
Raw Sample Description	Rounded, subrounded, subangular, angular
Remarks (Glacial / Other)	Lots of boulders
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	061419
UTM Northing	5788817
Elevation AMSL (m)	-
NTS Map Sheet	33A02
Property	Windy B
Claim Number	
Anomaly / Target Number	WB-B

% Oversize	
% Cobble	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	
Cache Site	

Processing Priority	3
Recording Sequence	49

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	D2HM064
Arrival Condition	Holes in Bag
Date Started	5-Dec-02
Weight Received (mg)	11,900
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	1,550
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	1,550
Initial Weight (mg)	748
Magnetic Separation Weight (mg)	156
Final Weight (mg)	10.7
Date Completed	11-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Sulf. Garnet	MEG
All Other Garnets	GAR
Elogistic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Elogistic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picroliliments	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIMs

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348128
Date Collected	11/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	E. Coon-Come
Date Entered in Database	11/08/2002

Overburden Sample Type	
Raw Sample Weight (kg)	16.8
Matrix Colour	Brown
Sample Depth (m)	
Drainage Slope Direction	S
Slope Gradient (%)	3

Oxidation Level	
Sample Site Description	Moraine, spruce
Raw Sample Description	Rounded, subrounded
Remarks (Glacial / Other)	Magnetic boulder
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	660075
UTM Northing	5787970
Elevation AMSL (m)	473
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	WB-A

% Oversize	
% Cobble	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	
Cache Site	

Processing Priority	3
Recording Sequence	50

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	D2HM064
Arrival Condition	Intact
Date Started	5-Dec-02
Weight Received (mg)	16,500
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,180
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,160
Initial Weight (mg)	1,446
Magnetic Separation Weight (mg)	561
Final Weight (mg)	43.1
Date Completed	12-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Hausbergitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Sulfide Garnet	MEG
All Other Garnets	GAR
Ectogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Pleurodileite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348129
Date Collected	11/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	E. Coon-Come
Date Entered In Database	11/08/2002

Overburden Sample Type	
Raw Sample Weight (kg)	20.4
Matrix Colour	Grey and brown
Sample Depth (m)	
Drainage Slope Direction	
Slope Gradient (%)	

Oxidation Level	
Sample Site Description	Moraine, spruce, big trees
Raw Sample Description	Rounded, subrounded
Remarks (Glacial / Other)	Magnetic boulder
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	660004
UTM Northing	5787893
Elevation AMSL (m)	471
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	W8-A

% Overage	
% Cobble	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	
Cache Site	

Processing Priority	3
Recording Sequence	51

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM064
Arrival Condition	Intact
Date Started	5-Dec-02
Weight Received (mg)	19,300
Initial Screen Size	0.079mm (Kason Screen)
Initial Screened Weight (mg)	5,490
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	5,490
Initial Weight (mg)	2,380
Magnetic Separation Weight (mg)	345
Final Weight (mg)	46.2
Date Completed	12-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Hanzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacyrst Sulf. Garnet	MEG
All Other Garnets	GAR
Eudicotic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Euclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolilmenite	ILM
All Other Ilmenite	IL
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion	1		
Fraction Code	-0.500 +0.250mm Mag		
Grain Number	1		
Grain Type	OLI		
Colour Code	610		
Chromite Code			
Travel Distance	Far		
Form	ANH		
Shape	SRND		
Clarity	Transparent		
Lustre	VIT		
Surface Feature	FROST		
Remark			
Observation Date	6-Feb-03		
Observer	CB		

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's 1

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348130
Date Collected	13/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	E. Coon-Come
Date Entered in Database	13/08/2002

Overburden Sample Type	Moraine
Raw Sample Weight (kg)	17.0
Matrix Colour	Grey & brown
Sample Depth (m)	0.4
Drainage Slope Direction	NW
Slope Gradient (%)	2

Oxidation Level	Moderate
Sample Site Description	Gabbro and granite clasts
Raw Sample Description	Subangular to subrounded
Remarks (Glacial / Other)	
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	658095
UTM Northing	5789013
Elevation AMSL (m)	514
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	WB-D

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	
Cache Site	EMC strip

Processing Priority	1
Recording Sequence	58

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM059
Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	17,000
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,420
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,420
Initial Weight (mg)	1,688
Magnetic Separation Weight (mg)	636
Final Weight (mg)	40.0
Date Completed	10-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wahlritic Pyrope	WER
Megacryst Sulf. Garnet	MEG
All Other Garnets	GAR
Eilogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eilogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolimenite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348131
Date Collected	13/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	E. Coon-Come
Date Entered in Database	13/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	658045
UTM Northing	5788951
Elevation AMSL (m)	514
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	WB-D

Overburden Sample Type	
Raw Sample Weight (kg)	12.8
Matrix Colour	
Sample Depth (m)	0.3
Drainage Slope Direction	NW
Slope Gradient (%)	2

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Cache Site	EMC strip
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Oxidation Level	
Sample Site Description	Spruce top of hill, micaceous granites, qtz..
Raw Sample Description	Subrounded, rounded, subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	1
Recording Sequence	59

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02H M059
Arrival Condition	Intact
Date Started	3-Dec-02
Weight Received (mg)	12,800
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	2,880
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	2,880
Initial Weight (mg)	1,442
Magnetic Separation Weight (mg)	118
Final Weight (mg)	21.4
Date Completed	8-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Hausburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Eudicotic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed:	25-Feb-03
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Total Number of Kimberlitic Minerals	KIM's
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**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348132
Date Collected	13/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	E. Coon-Come
Data Entered In Database	13/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	657212
UTM Northing	5788472
Elevation AMSL (m)	502
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	WB-F

Overburden Sample Type	Basal III
Raw Sample Weight (kg)	17.5
Matrix Colour	
Sample Depth (m)	1
Drainage Slope Direction	SW
Slope Gradient (%)	2

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Cache Site	EMC strip
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Oxidation Level	
Sample Site Description	Old burn, top of hill, gabbros, granites, micas
Raw Sample Description	Subrounded, rounded, subangular
Remarks (Glacial / Other)	Sticky material on bedrock
Interpreted Bedrock	

Processing Priority	1
Recording Sequence	60

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM059
Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	16,400
Initial Screen Size	0.978mm (Kason Screen)
Initial Screened Weight (mg)	3,070
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,070
Initial Weight (mg)	1,498
Magnetic Separation Weight (mg)	436
Final Weight (mg)	40.6
Date Completed	9-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Hausbergitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ectogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolimenite	ILM
All Other Ilmenite	IL
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348133
Date Collected	13/08/2002
Geologist	
Sampler 1	J. Gunner
Sampler 2	E. Coon-Come
Date Entered in Database	13/08/2002

Overburden Sample Type	
Raw Sample Weight (kg)	17.7
Matrix Colour	Brown
Sample Depth (m)	
Drainage Slope Direction	NW
Slope Gradient (%)	1

Datum	HAD27
UTM Zone	18U
UTM Easting	657138
UTM Northing	5788373
Elevation AMSL (m)	500
NTS Map Sheet	33A02
Property	Windy B
Claim Number	
Anomaly / Target Number	WB-F

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	

Oxidation Level	Moderate
Sample Site Description	Boulders, gabbros other.
Raw Sample Description	Rounded, subrounded, subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	1
Recording Sequence	81

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM059
Arrival Condition	Intact
Date Started	3-Dec-02
Weight Received (mg)	17,100
Initial Screen Size	0.978mm (Kason Screen)
Initial Screened Weight (mg)	2,980
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	2,980
Initial Weight (mg)	1,456
Magnetic Separation Weight (mg)	487
Final Weight (mg)	37.0
Date Completed	6-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnet	GAR
Ectologite Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectologic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CNR
All Other Spinel	SPL
Picrolitiments	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348140
Date Collected	14/08/2002
Geologist	R. Routledge
Sampler 1	E. Coon-Come
Sampler 2	
Date Entered in Database	15/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	6511112
UTM Northing	5797788
Elevation AMSL (m)	433
NTS Map Sheet	33A07
Property	Windy 2
Claim Number	
Anomaly / Target Number	W2-C

Overburden Sample Type	Till
Raw Sample Weight (kg)	23.8
Matrix Colour	Rusty brown
Sample Depth (m)	0.4
Drainage Slope Direction	SSW
Slope Gradient (%)	2

% Oversize	20
% Cobbles	10
% Pebbles	20
% Sand	25
% Silt	10
% Clay	3
Total %	88

Cache Site	EMC strip
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Oxidation Level	Moderate to high
Sample Site Description	Down ice edge of moraine, outcrop cored (?) in 2002 burn.
Raw Sample Description	Subangular to subrounded
Remarks (Glacial / Other)	Target on SE slope of moraine
Interpreted Bedrock	Granitics & gabbros

Processing Priority	1
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Recording Sequence	88
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**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM080

Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	22,800
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	4,110

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	4,110
Initial Weight (mg)	1,884
Magnetic Separation Weight (mg)	247
Final Weight (mg)	44.1
Date Completed	10-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	NO CARD

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Sulf Garnet	MEG	0
All Other Garnets	GAR	0
Ectogic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Ectogitic CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinel	SPL	0
Picroilmenite	ILM	0
All Other Ilmenite	IL-	0
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

Printed: 25-Feb-03

Total Number of Kimberitic Minerals IIM's

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348141
Date Collected	14/08/2002
Geologist	R. Routledge
Sampler 1	E. Coon-Come
Sampler 2	
Date Entered in Database	15/08/2002

Overburden Sample Type	Stoney Till
Raw Sample Weight (kg)	12.2
Matrix Colour	Weathered, rusty brown
Sample Depth (m)	0.4
Drainage Slope Direction	NE
Slope Gradient (%)	40

Oxidation Level	High
Sample Site Description	NE face of moraine lobe
Raw Sample Description	Angular to subrounded
Remarks (Glacial / Other)	Compact stoney till
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	651046
UTM Northing	5797742
Elevation AMSL (m)	428
NTS Map Sheet	33A07
Property	Windy 2
Claim Number	
Anomaly / Target Number	W2-C

% Oversize	10
% Cobbles	12
% Pebbles	35
% Sand	35
% Silt	5
% Clay	
Total %	87
Cache Site	EMC strip

Processing Priority	1
Recording Sequence	69

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM080
Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	13,100
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	2,690
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	2,690
Initial Weight (mg)	1,334
Magnetic Separation Weight (mg)	741
Final Weight (mg)	29.6
Date Completed	10-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Hausburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacyrst Suite Garnet	MEG
All Other Garnets	GAR
Eudicotic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eudicotic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolomelite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>85%)	FOR
Olivine FO<85%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberitic Minerals KIMs

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348142
Date Collected	14/08/2002
Geologist	R. Routledge
Sampler 1	E. Coon-Come
Sampler 2	
Date Entered In Database	15/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	650796
UTM Northing	5797618
Elevation AMSL (m)	444
NTS Map Sheet	33A07
Property	Windy 2
Claim Number	
Anomaly / Target Number	W2-D

Overburden Sample Type	Till
Raw Sample Weight (kg)	23.1
Matrix Colour	Weathered, rusty brown
Sample Depth (m)	0.35
Drainage Slope Direction	NE
Slope Gradient (%)	50

Oxidation Level	Moderate to high
Sample Site Description	NE face of moraine lobe
Raw Sample Description	
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	1
Recording Sequence	70

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM060
Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	21,600
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	5,000
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	5,000
Initial Weight (mg)	2,378
Magnetic Separation Weight (mg)	293
Final Weight (mg)	52.9
Date Completed	10-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	1 UVA
Lherzolitic Pyrope	LHZ
Hausburgitic Pyrope	HAR
Wahlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ectogic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolilmenite	ILM
All Other Ilmenite	IL
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Printed:	25-Feb-03
Total Number of Kimberlite Minerals	KIM's

Portion	1	1	
Fraction Code	-0.500 +0.250mm Mag	-0.500 +0.250mm Mag	
Grain Number	1	2	
Grain Type	LHZ	GAR	
Colour Code	5125	359	
Chromite Code			
Travel Distance	Medium	Medium	
Form	ANH	ANH	
Shape	SANG	SANG	
Clarity	Transparent	Translucent	
Lustre	VIT	GLASSY	
Surface Feature			
Remark			
Observation Date	5-Feb-03	5-Feb-03	
Observer	CB	CB	

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348151
Date Collected	22/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	24/08/2002

Overburden Sample Type	Reworked glacio-fluvial
Raw Sample Weight (kg)	20.0
Matrix Colour	Brown
Sample Depth (m)	0.35
Drainage Slope Direction	SSW
Slope Gradient (%)	2

Oxidation Level	High
Sample Site Description	Reworked glacio-fluvial unlike boulder moraine
Raw Sample Description	
Remarks (Glacial / Other)	
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	637088
UTM Northing	5790378
Elevation AMSL (m)	410
NTS Map Sheet	33A02
Property	Windy 1
Claim Number	
Anomaly / Target Number	LB-A

% Oversize	10
% Cobbles	20
% Pebbles	20
% Sand	40
% Silt	10
% Clay	
Total %	100
Cache Site	EMC strip

Processing Priority	3
Recording Sequence	91

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM060
Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	18,300
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,430
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,430
Initial Weight (mg)	1,072
Magnetic Separation Weight (mg)	462
Final Weight (mg)	31.4
Date Completed	10-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Sulfate Gamet	MEG
All Other Gamets	GAR
Ectogitic Gamet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinels	SPL
Picrolimenite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals IGM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348153
Date Collected	22/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	637017
UTM Northing	5790281
Elevation AMSL (m)	411
NTS Map Sheet	33A02
Property	Windy 1
Claim Number	
Anomaly / Target Number	LB-A

Overburden Sample Type	Sandy till
Raw Sample Weight (kg)	
Mark Colour	Brown, grey
Sample Depth (m)	0.3
Drainage Slope Direction	SSW
Slope Gradient (%)	1

% Oversize	10
% Cobbles	25
% Pebbles	15
% Sand	40
% Silt	10
% Clay	
Total %	100

Cache Site

Oxidation Level	Low
Sample Site Description	Small mound, no boulders
Raw Sample Description	Subangular to rounded
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority 1

Recording Sequence 92

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM050

Arrival Condition	Holes in Bag
Date Started	5-Dec-02
Weight Received (mg)	28,600
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	4,520

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	4,520
Initial Weight (mg)	2,198
Magnetic Separation Weight (mg)	914
Final Weight (mg)	72.8
Date Completed	10-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Sulf. Garnet	MEG	0
All Other Garnets	GAR	0
Ectogeo Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Ectogeo CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinel	SPL	0
Picroilmenite	ILM	0
All Other Ilmenite	IL	0
Forsteritic Olivine (FO>88%)	FOR	1
Olivine FO<88%	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

**Described Grains**

Portion	1		
Fraction Code	-0.500 +0.250mm Mag		
Grain Number	1		
Grain Type	FOR		
Colour Code	60B		
Chromite Code			
Travel Distance	Medium		
Form	ANH		
Shape	SANG		
Clarity	Transparent		
Lustre	VIT		
Surface Feature	FROST		
Remark			
Observation Date	5-Feb-03		
Observer	CB		

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's 1

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348154
Date Collected	22/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	24/08/2002

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	Brown
Sample Depth (m)	0.4
Drainage Slope Direction	SSW
Slope Gradient (%)	5

Oxidation Level	High
Sample Site Description	Boulders typical moraine
Raw Sample Description	Angular to subrounded
Remarks (Glacial / Other)	
Interpreted Bedrock	Windy intrusive

Datum	NAD27
UTM Zone	18U
UTM Easting	633120
UTM Northing	5787677
Elevation AMSL (m)	396
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	W1-H

% Oversize	15
% Cobbles	20
% Pebbles	30
% Sand	30
% Silt	5
% Clay	
Total %	100
Cache Site	

Processing Priority	3
Recording Sequence	93

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM065
Arrival Condition	Intact
Date Started	9-Dec-02
Weight Received (mg)	22,200
Initial Screen Size	0.878mm (Kason Screen)
Initial Screened Weight (mg)	9,110
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	4,990
Initial Weight (mg)	3,408
Magnetic Separation Weight (mg)	632
Final Weight (mg)	68.3
Date Completed	17-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Sulfide Garnet	MEG
All Other Garnets	GAR
Ectogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picroliliments	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348155
Date Collected	22/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	633136
UTM Northing	5787544
Elevation AMSL (m)	399
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	W1-H

Overburden Sample Type	Glacioluvial?
Raw Sample Weight (kg)	23.1
Matrix Colour	
Sample Depth (m)	
Drainage Slope Direction	E
Slope Gradient (%)	30

% Oversize	
% Cobbles	
% Pebbles	
% Sand	100
% Silt	
% Clay	
Total %	100

Cache Site EMC strip

Oxidation Level	Low?
Sample Site Description	West flank of boulder moraine
Raw Sample Description	
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	3
Recording Sequence	94

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM065

Arrival Condition	Intact
Date Started	9-Dec-02
Weight Received (mg)	22,600
Initial Screen Size	0.978mm (Kason Screen)
Initial Screened Weight (mg)	7,250

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	7,250
Initial Weight (mg)	4,040
Magnetic Separation Weight (mg)	675
Final Weight (mg)	51.0
Date Completed	17-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Suite Garnet	MEG	0
All Other Garnets	GAR	0
Ectogonic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Ectogitic CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinels	SPL	0
Pleolimelite	ILM	0
All Other Ilmenites	IL-	0
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%)	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348156
Date Collected	22/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	634757
UTM Northing	5785792
Elevation AMSL (m)	408
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	W1-E

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	Rusty brown
Sample Depth (m)	0.35
Drainage Slope Direction	E
Slope Gradient (%)	30

% Oversize	
% Cobbles	10
% Pebbles	40
% Sand	35
% Silt	10
% Clay	5
Total %	100

Cache Site

Oxidation Level	High
Sample Site Description	Sligh depression E bank moraine hill
Raw Sample Description	
Remarks (Glacial / Other)	
Interpreted Bedrock	Windy granite

Processing Priority

Recording Sequence

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM065

Arrival Condition	Intact
Date Started	8-Dec-02
Weight Received (mg)	12,000
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	1,160

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	1,160
Initial Weight (mg)	800
Magnetic Separation Weight (mg)	250
Final Weight (mg)	25.4
Date Completed	17-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Suite Garnet	MEG	0
All Other Garnets	GAR	0
Eclogitic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Eclogitic CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinels	SPL	0
Picrolilimente	ILM	0
All Other Ilmenite	IL-	0
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348157
Date Collected	22/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	24/08/2002

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	
Sample Depth (m)	
Drainage Slope Direction	WSW
Slope Gradient (%)	20

Oxidation Level	
Sample Site Description	Boulder hill
Raw Sample Description	
Remarks (Glacial / Other)	
Interpreted Bedrock	Gneiss

Datum	NAD27
UTM Zone	18U
UTM Easting	634687
UTM Northing	5785720
Elevation AMSL (m)	406
NTS Map Sheet	33A03
Property	Windy I
Claim Number	
Anomaly / Target Number	W1-E

% Oversize	30
% Cobbles	
% Pebbles	40
% Sand	20
% Silt	10
% Clay	
Total %	100
Cache Site	

Processing Priority	1
Recording Sequence	96

Picking Results	
Processing Lab	Kenecott, Thunder Bay
Work Order Name	02HM060
Arrival Condition	Intact
Date Started	2-Dec-02
Weight Received (mg)	15,700
Initial Screen Size	0.978mm (Kason Screen)
Initial Screened Weight (mg)	3,190
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,180
Initial Weight (mg)	1,482
Magnetic Separation Weight (mg)	540
Final Weight (mg)	39.5
Date Completed	10-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ 0
Harzburgitic Pyrope	HAR 0
Wehrlitic Pyrope	WER 0
Megacryst Suite Gamet	MEG 0
All Other Garnets	GAR 0
Ectologite Garnet	ECL 0
Chrome Diopside	CD 0
All Clinopyroxene Except CD	CPX 0
Ectologite CPX (Omph @ Jad)	EPX 0
Orthopyroxene	OPX 0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR 0
All Other Spinel	SPL 0
Picrolilmenite	ILM 0
All Other Ilmenite	IL- 0
Forsteritic Olivine (FO>88%)	FOR 0
Olivine FO<88%	OLI 0
All Amphiboles	AMP 0
All Other Species	OTH 0

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348158
Date Collected	22/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	24/08/2002

Overburden Sample Type	Till
Raw Sample Weight (kg)	24.0
Matrix Colour	
Sample Depth (m)	0.35
Drainage Slope Direction	E
Slope Gradient (%)	30

Oxidation Level	
Sample Site Description	Moraine
Raw Sample Description	Subangular, subrounded
Remarks (Glacial / Other)	
Interpreted Bedrock	Granitoids, gneisses

Datum	NAD27
UTM Zone	18U
UTM Easting	633788
UTM Northing	5784499
Elevation AMSL (m)	420
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	40330A

% Oversize	25
% Cobbles	10
% Pebbles	25
% Sand	25
% Silt	10
% Clay	5
Total %	100

Cache Site	EMC strip
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Processing Priority	1
Recording Sequence	B7

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM060
Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	24,900
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	5,880
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	5,880
Initial Weight (mg)	2,630
Magnetic Separation Weight (mg)	658
Final Weight (mg)	62.5
Date Completed	10-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Eudicotic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eudicotic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolilomite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIMs

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348159
Date Collected	22/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscos
Sampler 2	
Date Entered in Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	633740
UTM Northing	5784424
Elevation AMSL (m)	423
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	40330A

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	Grey / brown
Sample Depth (m)	
Drainage Slope Direction	E
Slope Gradient (%)	25

% Oversize	10
% Cobbles	20
% Pebbles	30
% Sand	25
% Silt	10
% Clay	5
Total %	100

Cache Site

Oxidation Level	Low
Sample Site Description	East of large hill
Raw Sample Description	Subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	Granitoid

Processing Priority 1

Recording Sequence 98

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM060

Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	6,600
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	1,140

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	1,140
Initial Weight (mg)	489
Magnetic Separation Weight (mg)	72
Final Weight (mg)	31.0
Date Completed	10-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Suite Garnet	MEG	0
All Other Garnet	GAR	0
Eclogitic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Eclogite CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinels	SPL	0
Picroilmenite	ILM	0
All Other Ilmenite	IL-	0
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO>88%)	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

Sample Number	348160
Date Collected	23/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	632618
UTM Northing	5784370
Elevation AMSL (m)	459
NTS Map Sheet	33A03
Property	Windy I
Claim Number	
Anomaly/Target Number	402408

Overburden Sample Type	TII
Raw Sample Weight (kg)	
Matrix Colour	
Sample Depth (m)	0.5
Drainage Slope Direction	NW
Slope Gradient (%)	5

% Oversize	
% Cobble	10
% Pebbles	30
% Sand	40
% Silt	15
% Clay	5
Total %	100
Cache Site	

Oxidation Level	
Sample Site Description	Hill of ??? Moraine w/ boulders
Raw Sample Description	Angular to subrounded
Remarks (Glacial / Other)	
Interpreted Bedrock	Migmatite + magnetic diabase

Processing Priority	1
Recording Sequence	107

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM060
Arrival Condition	Intact
Date Started	4-Dec-02
Weight Received (mg)	20,800
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,450
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,450
Initial Weight (mg)	1,688
Magnetic Separation Weight (mg)	620
Final Weight (mg)	35.6
Date Completed	10-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	NO CARD
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Eclogitic Garnet	ECL
Chromite Diopside	CD
All Clinopyroxene Except CD	CPX
Eclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinelis	SPL
Pseudomorphs	ILM
All Other Ilmenite	IL
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed:	25-Feb-03
Total Number of Kimberritic Minerals	IGM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348161
Date Collected	23/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	632542
UTM Northing	5784293
Elevation AMSL (m)	458
NTS Map Sheet	33A03
Property	Windy 1
Claim Number	
Anomaly / Target Number	402408

Overburden Sample Type	
Raw Sample Weight (kg)	
Matrix Colour	Rusty brown
Sample Depth (m)	0.5
Drainage Slope Direction	NW
Slope Gradient (%)	25

% Oversize	
% Cobbles	
% Pebbles	
% Sand	
% Silt	
% Clay	
Total %	
Cache Site	

Oxidation Level	Very high
Sample Site Description	NW flank of moraine
Raw Sample Description	Subangular to rounded
Remarks (Glacial / Other)	
Interpreted Bedrock	Granite, gneiss, gabbro, diabase

Processing Priority	3
Recording Sequence	108

**Picking Results**

Processing Lab	Kenecott, Thunder Bay
Work Order Name	02HM065
Arrival Condition	Intact
Date Started	9-Dec-02
Weight Received (mg)	19,700
Initial Screen Size	0.975mm (Kason Screen)
Initial Screened Weight (mg)	5,160
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	5,160
Initial Weight (mg)	2,218
Magnetic Separation Weight (mg)	718
Final Weight (mg)	48.7
Date Completed	17-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Himbergitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Elogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Elogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolherzolite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

**Described Grains**

Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348162
Date Collected	23/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered In Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	637200
UTM Northing	5785187
Elevation AMSL (m)	405
NTS Map Sheet	33A02
Property	Windy 1
Claim Number	
Anomaly / Target Number	40570A

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	Rusty brown
Sample Depth (m)	0.35
Drainage Slope Direction	NW
Slope Gradient (%)	60

% Oversize	50
% Cobbles	10
% Pebbles	10
% Sand	25
% Silt	5
% Clay	
Total %	100

Cache Site

Oxidation Level	High
Sample Site Description	NW flank of moraine
Raw Sample Description	
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority

3

Recording Sequence

109

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM065

Arrival Condition	Intact
Date Started	9-Dec-02
Weight Received (mg)	15,500
Initial Screen Size	0.879mm (Kason Screen)
Initial Screened Weight (mg)	1,530

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	1,530
Initial Weight (mg)	686
Magnetic Separation Weight (mg)	64
Final Weight (mg)	13.2
Date Completed	17-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	NO CARD

Uherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Suite Garnet	MEG	0
All Other Garnets	GAR	0
Eudicotic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Eudicotic CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinel	SPL	0
Picrolitemite	ILM	0
All Other Ilmenite	IL-	0
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348163
Date Collected	23/08/2002
Geologist	R. Routledge
Sampler 1	C. Roseoe
Sampler 2	
Date Entered in Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	637095
UTM Northing	5785185
Elevation AMSL (m)	400
NTS Map Sheet	33A02
Property	Windy 1
Claim Number	
Anomaly / Target Number	40570A

Overburden Sample Type	Stony III
Raw Sample Weight (kg)	
Matrix Colour	Rusty brown
Sample Depth (m)	0.35
Drainage Slope Direction	NW
Slope Gradient (%)	30

% Oversize	5
% Cobbles	20
% Pebbles	30
% Sand	35
% Silt	10
% Clay	
Total %	100

Cache Site

Oxidation Level	High
Sample Site Description	Moraine ???
Raw Sample Description	Subangular to subrounded
Remarks (Glacial / Other)	
Interpreted Bedrock	Granitoid gneisses

Processing Priority	3
Recording Sequence	110

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM085
Arrival Condition	Intact
Date Started	9-Dec-02
Weight Received (mg)	20,100
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	4,950
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	4,950
Initial Weight (mg)	2,266
Magnetic Separation Weight (mg)	1,048
Final Weight (mg)	55.6
Date Completed	17-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Eclogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolite	ILM
All Other Ilmenite	IL
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348164
Date Collected	23/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	634322
UTM Northing	5780620
Elevation AMSL (m)	385
NTS Map Sheet	33A03
Property	Windy 5
Claim Number	
Anomaly / Target Number	W5-B

Overburden Sample Type	Sandy till
Raw Sample Weight (kg)	
Matrix Colour	Rusty brown
Sample Depth (m)	0.35
Drainage Slope Direction	SSW
Slope Gradient (%)	20

% Oversize	
% Cobbles	20
% Pebbles	30
% Sand	40
% Silt	10
% Clay	
Total %	100
Cache Site	

Oxidation Level	High
Sample Site Description	?? Moraine, boulders
Raw Sample Description	Angular, subrounded, rounded
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	3
Recording Sequence	111

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM005
Arrival Condition	Intact
Date Started	8-Dec-02
Weight Received (mg)	19,100
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,050
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,050
Initial Weight (mg)	1,778
Magnetic Separation Weight (mg)	586
Final Weight (mg)	39.1
Date Completed	17-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Gamet	MEG
All Other Garnets	GAR
Eudicotic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eudicotic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinels	SPL
Picrolimenite	ILM
All Other Ilmenite	IL
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348165
Date Collected	23/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	634211
UTM Northing	5780527
Elevation AMSL (m)	380
NTS Map Sheet	33A03
Property	Windy 5
Claim Number	
Anomaly / Target Number	WS-8

Overburden Sample Type	Till
Raw Sample Weight (kg)	
Matrix Colour	Rusty brown
Sample Depth (m)	0.4
Drainage Slope Direction	SE
Slope Gradient (%)	60

% Oversize	
% Cobbles	20
% Pebbles	30
% Sand	40
% Silt	10
% Clay	
Total %	100

Oxidation Level	High
Sample Site Description	?????
Raw Sample Description	Subangular
Remarks (Glacial / Other)	
Interpreted Bedrock	Granitoid

Processing Priority	3
Recording Sequence	112

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM065
Arrival Condition	Intact
Date Started	8-Dec-02
Weight Received (mg)	22,500
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	8,760
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	8,760
Initial Weight (mg)	2,854
Magnetic Separation Weight (mg)	716
Final Weight (mg)	48.5
Date Completed	17-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnet	GAR
Eclogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinels	SPL
Picrolilomite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Data	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlites Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348166
Date Collected	23/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered In Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	635116
UTM Northing	5780562
Elevation AMSL (m)	378
NTS Map Sheet	33A03
Property	Windy 5
Claim Number	
Anomaly / Target Number	40180A

Overburden Sample Type	Glaciogenic
Raw Sample Weight (kg)	
Matrix Colour	Brownish, grey
Sample Depth (m)	0.3
Drainage Slope Direction	SE
Slope Gradient (%)	20

% Oversize	
% Cobbles	
% Pebbles	
% Sand	80
% Silt	10
% Clay	
Total %	100

Cache Site	
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Oxidation Level	Low
Sample Site Description	Outcrop
Raw Sample Description	Well sorted sand
Remarks (Glacial / Other)	
Interpreted Bedrock	Granitoid & mafic

Processing Priority	3
Recording Sequence	113

Picking Results		
Processing Lab	Kennecott, Thunder Bay	
Work Order Name	02HM065	
Arrival Condition	Intact	
Date Started	9-Dec-02	
Weight Received (mg)	18,500	
Initial Screen Size	0.97mm (Kason Screen)	
Initial Screened Weight (mg)	480	
Portion	1	
Fraction Code	-0.500 +0.250mm Mag	
Initial Weight (mg)	480	
Magnetic Separation Weight (mg)	14	
Final Weight (mg)	6	
Date Completed	17-Dec-02	

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Eclogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eclogite CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolilinite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains		
Portion		
Fraction Code		
Grain Number		
Grain Type		
Colour Code		
Chromite Code		
Travel Distance		
Form		
Shape		
Clarity		
Lustre		
Surface Feature		
Remark		
Observation Date		
Observer		

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KMs

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348167
Date Collected	23/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	641664
UTM Northing	5784354
Elevation AMSL (m)	419
NTS Map Sheet	33A02
Property	Windy 6
Claim Number	
Anomaly / Target Number	61210A

Overburden Sample Type	Sandy till
Raw Sample Weight (kg)	15.0
Matrix Colour	Rusty brown
Sample Depth (m)	0.35
Drainage Slope Direction	E
Slope Gradient (%)	2

% Oversize	20
% Cobbles	10
% Pebbles	35
% Sand	35
% Silt	
% Clay	
Total %	100

Cache Site	EMC strip
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Oxidation Level	High
Sample Site Description	Stony moraine
Raw Sample Description	
Remarks (Glacial / Other)	
Interpreted Bedrock	Gneiss

Processing Priority	3
Recording Sequence	114

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM065
Arrival Condition	Intact
Date Started	9-Dec-02
Weight Received (mg)	14,700
Initial Screen Size	0.970mm (Kason Screen)
Initial Screened Weight (mg)	3,130
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,130
Initial Weight (mg)	1,170
Magnetic Separation Weight (mg)	313
Final Weight (mg)	22.7
Date Completed	17-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	NO CARD
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ecclogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ecclogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Luster	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348168
Date Collected	23/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	24/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	641637
UTM Northing	5784265
Elevation AMSL (m)	421
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	61210A

Overburden Sample Type	Till
Raw Sample Weight (kg)	15.9
Matrix Colour	Brown to grey
Sample Depth (m)	0.4
Drainage Slope Direction	NW
Slope Gradient (%)	20

% Oversize	
% Cobbles	20
% Pebbles	30
% Sand	40
% Silt	10
% Clay	
Total %	100

Oxidation Level	low
Sample Site Description	Moraine
Raw Sample Description	
Remarks (Glacial / Other)	
Interpreted Bedrock	

Processing Priority	1
Recording Sequence	115

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM061

Arrival Condition	Intact
Date Started	5-Dec-02
Weight Received (mg)	15,400
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	2,440

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	2,440
Initial Weight (mg)	1,146
Magnetic Separation Weight (mg)	386
Final Weight (mg)	22.4
Date Completed	11-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Suite Garnet	MEG	0
All Other Garnets	GAR	0
Ectogonic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Ectogonic CPX (Omph @ Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinel	SPL	0
Picroliliments	ILM	0
All Other Ilmenite	IL-	0
Forsteritic Olivine (FO>88%)	FOR	0
Olivine FO<88%	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348171
Date Collected	27/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered In Database	27/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	640021
UTM Northing	5783055
Elevation AMSL (m)	407
NTS Map Sheet	33A02
Property	Windy 8
Claim Number	
Anomaly / Target Number	W8-E

Overburden Sample Type	Washed till (ablation)
Raw Sample Weight (kg)	
Matrix Colour	Dark brown
Sample Depth (m)	0.3
Drainage Slope Direction	SSW
Slope Gradient (%)	10

% Oversize	70
% Cobbles	
% Pebbles	15
% Sand	10
% Silt	5
% Clay	
Total %	100
Cache Site	

Oxidation Level	High
Sample Site Description	Moss covered boulder lag and moraine, open spruce + jack pine
Raw Sample Description	Subrounded and (frost) broken
Remarks (Glacial / Other)	Probably washed material
Interpreted Bedrock	Foliated diorite, pg-bo gneiss to schist

Processing Priority	3
Recording Sequence	128

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM065
Arrival Condition	Intact
Date Started	9-Dec-02
Weight Received (mg)	15,200
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	2,190
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	2,190
Initial Weight (mg)	1,228
Magnetic Separation Weight (mg)	187
Final Weight (mg)	23.5
Date Completed	17-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	NO CARD
Lherzolitic Pyrope	LHZ
Hausbergitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Sulfide Garnet	MEG
All Other Garnets	GAR
Ectogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinelts	SPL
Picrolilmenite	ILM
All Other Ilmenite	IL+
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348172
Date Collected	27/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered In Database	27/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	639958
UTM Northing	5782981
Elevation AMSL (m)	408
NTS Map Sheet	33A02
Property	Windy 6
Claim Number	
Anomaly / Target Number	W6-E

Overburden Sample Type	Washed till (ablation)
Raw Sample Weight (kg)	
Matrix Colour	Dark brown
Sample Depth (m)	0.35
Drainage Slope Direction	NW
Slope Gradient (%)	20

% Oversize	50
% Cobbles	10
% Pebbles	25
% Sand	15
% Silt	
% Clay	
Total %	100

Cache Site

Oxidation Level	High
Sample Site Description	Moss covered moraine, open spruce + jack pine, boulder lag in depression to NW
Raw Sample Description	Angular/broken
Remarks (Glacial / Other)	Probably washed material
Interpreted Bedrock	Foliated diorite, pg-bo gneiss to schist, some bo-chl schists

Processing Priority

3

Recording Sequence

129

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM065

Arrival Condition	Intact
Date Started	9-Dec-02
Weight Received (mg)	15,000
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	710

Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	710
Initial Weight (mg)	616
Magnetic Separation Weight (mg)	105
Final Weight (mg)	12.2
Date Completed	17-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	

Lherzolitic Pyrope	LHZ	0
Harzburgitic Pyrope	HAR	0
Wehrlitic Pyrope	WER	0
Megacryst Suite Garnet	MEG	0
All Other Garnets	GAR	0
Ectogitic Garnet	ECL	0
Chrome Diopside	CD	0
All Clinopyroxene Except CD	CPX	0
Ectogitic CPX (Omph + Jad)	EPX	0
Orthopyroxene	OPX	0
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR	0
All Other Spinel	SPL	0
Picroliliments	ILM	0
All Other Ilmenite	IL	0
Forsteritic Olivine (Fo>88%)	FOR	1
Olivine Fo<88%	OLI	0
All Amphiboles	AMP	0
All Other Species	OTH	0

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's 1

**Described Grains**

Portion	1		
Fraction Code	-0.500 +0.250mm Mag		
Grain Number	1		
Grain Type	FOR		
Colour Code	609		
Chromite Code			
Travel Distance	Medium		
Form	ANH		
Shape	SANG		
Clarity	Transparent		
Lustre	VIT		
Surface Feature	FROST		
Remark			
Observation Date	8-Feb-03		
Observer	CB		

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348173
Date Collected	27/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Data Entered in Database	27/08/2002

Datum	NAD27
UTM Zone	18U
UTM Easting	652643
UTM Northing	5788584
Elevation AMSL (m)	408
NTS Map Sheet	33A02
Property	Windy 7
Claim Number	
Anomaly / Target Number	W7-C

Overburden Sample Type	Sandy reworked till
Raw Sample Weight (kg)	
Matrix Colour	Brownish grey
Sample Depth (m)	0.4
Drainage Slope Direction	NW
Slope Gradient (%)	20

% Oversize	25
% Cobbles	
% Pebbles	30
% Sand	35
% Silt	10
% Clay	
Total %	100

Oxidation Level	Moderate to low
Sample Site Description	Old burn, mature spruce +~ jack pine. Fluted deposit, NW flank; few boulders on surface
Raw Sample Description	Angular/broken granites
Remarks (Glacial / Other)	Reworked glacioluvia/Outwash material and till
Interpreted Bedrock	Pale white, prophyryic/porphyrblastic, foliated granite

Processing Priority	1
Recording Sequence	130

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM061
Arrival Condition	Intact
Date Started	5-Dec-02
Weight Received (mg)	15,200
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,730
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,730
Initial Weight (mg)	1,716
Magnetic Separation Weight (mg)	999
Final Weight (mg)	41.0
Date Completed	11-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ectogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogitic CPX (Omph + Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picroilmenite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348174
Date Collected	27/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	27/08/2002

Overburden Sample Type	Sandy reworked till
Raw Sample Weight (kg)	
Matrix Colour	Rusty grey
Sample Depth (m)	0.25
Drainage Slope Direction	-
Slope Gradient (%)	-

Datum	NAD27
UTM Zone	18U
UTM Easting	652590
UTM Northing	6788473
Elevation AMSL (m)	420
NTS Map Sheet	33A02
Property	Windy 7
Claim Number	
Anomaly / Target Number	W7-C

% Oversize	20
% Cobbles	10
% Pebbles	35
% Sand	30
% Silt	5
% Clay	
Total %	100
Cache Site	

Oxidation Level	Moderate to low
Sample Site Description	Old burn, mature spruce & jack pine. Top of broad, undulating fluted deposit, few boulders on surface
Raw Sample Description	Subangular to rounded, compact stoney material
Remarks (Glacial / Other)	Reworked glacioluvial/outwash material and till
Interpreted Bedrock	Pale white, porphyritic/porphyrplastic, foliated granite

Processing Priority	1
Recording Sequence	131

**Picking Results**

Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM061
Amval Condition	Intact
Date Started	5-Dec-02
Weight Received (mg)	18,800
Initial Screen Size	0.079mm (Kason Screen)
Initial Screened Weight (mg)	3,720
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,720
Initial Weight (mg)	1,730
Magnetic Separation Weight (mg)	943
Final Weight (mg)	44.4
Date Completed	11-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Eudicotic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Eudicotic CPX (Omph @ Jd)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolilmenite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Printed: 25-Feb-03

Total Number of Kimberitic Minerals KIM's

**Described Grains**

Portion			
Fraction Code			
Grain Number			
Grain Type			
Colour Code			
Chromite Code			
Travel Distance			
Form			
Shape			
Clarity			
Lustre			
Surface Feature			
Remark			
Observation Date			
Observer			

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348175
Date Collected	27/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	27/08/2002

Overburden Sample Type	Glacioluvial sand
Raw Sample Weight (kg)	17.2
Matrix Colour	Lightyellowish brown
Sample Depth (m)	0.4
Drainage Slope Direction	NW
Slope Gradient (%)	25

Oxidation Level	Moderate to low
Sample Site Description	NW flank of N branch of esker, boulders on surface, old burn, jack pine, some spruce
Raw Sample Description	All well sorted fine to medium sand
Remarks (Glacial / Other)	Glacioluvial sand
Interpreted Bedrock	-

Datum	NAD27
UTM Zone	18U
UTM Easting	652727
UTM Northing	5788184
Elevation AMSL (m)	406
NTS Map Sheet	33A02
Property	Windy 7
Claim Number	
Anomaly / Target Number	W7-D

% Oversize	
% Cobbles	
% Pebbles	
% Sand	100
% Silt	
% Clay	
Total %	100

Cache Site	EMC strip
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Processing Priority	3
Recording Sequence	132

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM065
Arrival Condition	Intact
Date Started	8-Dec-02
Weight Received (mg)	17,100
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	10,440
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	5,310
Initial Weight (mg)	2,798
Magnetic Separation Weight (mg)	556
Final Weight (mg)	70.9
Date Completed	17-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Hausbergitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ecclogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ecclogite CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Sphene	SPL
Picrolimenite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLJ
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlitic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348176
Date Collected	27/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	27/08/2002

Overburden Sample Type	Basal till
Raw Sample Weight (kg)	16.1
Mark Colour	Rusty brown
Sample Depth (m)	0.3
Drainage Slope Direction	NW
Slope Gradient (%)	50

Oxidation Level	Moderate
Sample Site Description	Stoss side till mound on granite bedrock, quartz veined db boulders at site, transport about 40 m from same in oc
Raw Sample Description	Angular to subrounded clasts
Remarks (Glacial / Other)	Good basal till
Interpreted Bedrock	Foliated white granite, contact with db dike 20-30 m NE

Datum	NAD27
UTM Zone	18U
UTM Easting	652649
UTM Northing	5788225
Elevation AMSL (m)	412
NTS Map Sheet	33A02
Property	Windy 7
Claim Number	
Anomaly / Target Number	W7-D

% Overage	
% Cobbles	10
% Pebbles	40
% Sand	25
% Silt	20
% Clay	5
Total %	100
Cache Site	EMC strip

Processing Priority	1
Recording Sequence	133

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM061
Arrival Condition	Intact
Date Started	5-Dec-02
Weight Received (mg)	15,800
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	1,400
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	1,400
Initial Weight (mg)	512
Magnetic Separation Weight (mg)	209
Final Weight (mg)	9.4
Date Completed	11-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LNZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ectoige Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectoige CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Picrolimenite	ILM
All Other Ilmenite	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberritic Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

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Sample Number	348177
Date Collected	27/08/2002
Geologist	R. Routledge
Sampler 1	C. Roscoe
Sampler 2	
Date Entered in Database	27/08/2002

Overburden Sample Type	Glacioluvial, alluvial sand
Raw Sample Weight (kg)	17.2
Matrix Colour	Brownish grey
Sample Depth (m)	0.4
Drainage Slope Direction	-
Slope Gradient (%)	-

Oxidation Level	Moderate
Sample Site Description	Sand plain, old burn, jack pine. Plain adjacent to Eastmain River
Raw Sample Description	Well sorted fine to medium sand
Remarks (Glacial / Other)	Process for assessment requirements
Interpreted Bedrock	-

Datum	NAD27
UTM Zone	18U
UTM Easting	646030
UTM Northing	5791427
Elevation AMSL (m)	390
NTS Map Sheet	33A07
Property	Windy 3
Claim Number	
Anomaly / Target Number	W3-A

% Oversize	
% Cobble	
% Pebbles	
% Sand	100
% Silt	
% Clay	
Total %	100

Cache Site EMC strip

Processing Priority	1
Recording Sequence	134

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM061
Arrival Condition	Intact
Date Started	5-Dec-02
Weight Received (mg)	16,800
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	3,560
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	3,560
Initial Weight (mg)	998
Magnetic Separation Weight (mg)	259
Final Weight (mg)	8.3
Date Completed	11-Dec-02

Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Harzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Ectogitic Garnet	ECL
Chrome Diopside	CD
All Clinopyroxene Except CD	CPX
Ectogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinels	SPL
Pseudomorphs	ILM
All Other Ilmenites	IL-
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%)	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**Gold Summit Mines Ltd.**  
**Otish Mountains Projects Overburden Sample Database**

---

Sample Number	348178
Date Collected	27/08/2002
Geologist	R. Routledge
Sampler 1	C. Roseoe
Sampler 2	
Date Entered in Database	27/08/2002

Overburden Sample Type	Glacioluvial, alluvial sand
Raw Sample Weight (kg)	20.6
Matrix Colour	Brownish grey
Sample Depth (m)	0.4
Drainage Slope Direction	
Slope Gradient (%)	

Oxidation Level	Moderate
Sample Site Description	Sand plain, old burn, jack pine. Plain adjacent to Eastmain River
Raw Sample Description	Well sorted fine to medium sand
Remarks (Glacial / Other)	Process for assessment requirements
Interpreted Bedrock	

Datum	NAD27
UTM Zone	18U
UTM Easting	846868
UTM Northing	5791345
Elevation AMSL (m)	390
NTS Map Sheet	33A07
Property	Windy 3
Claim Number	
Anomaly / Target Number	W3-A

% Oversize	
% Cobbles	
% Pebbles	
% Sand	100
% Silt	
% Clay	
Total %	100
Cache Site	EMC strip

Processing Priority	1
Recording Sequence	135

Picking Results	
Processing Lab	Kennecott, Thunder Bay
Work Order Name	02HM061
Arrival Condition	Intact
Date Started	5-Dec-02
Weight Received (mg)	21,600
Initial Screen Size	0.979mm (Kason Screen)
Initial Screened Weight (mg)	15,380
Portion	1
Fraction Code	-0.500 +0.250mm Mag
Portion Weight (mg)	7,700
Initial Weight (mg)	4,084
Magnetic Separation Weight (mg)	894
Final Weight (mg)	119.7
Date Completed	11-Dec-02

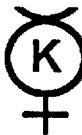
Observer	CB
Observation Date	4-Feb-03
Remarks	
Lherzolitic Pyrope	LHZ
Hanzburgitic Pyrope	HAR
Wehrlitic Pyrope	WER
Megacryst Suite Garnet	MEG
All Other Garnets	GAR
Eilogitic Garnet	ECL
Chromite Diopside	CD
All Clinopyroxene Except CD	CPX
Eilogitic CPX (Omph @ Jad)	EPX
Orthopyroxene	OPX
Chromite (>35% Cr <sub>2</sub> O <sub>3</sub> )	CHR
All Other Spinel	SPL
Pliorolmenite	ILM
All Other Ilmenite	IL
Forsteritic Olivine (FO>88%)	FOR
Olivine FO<88%	OLI
All Amphiboles	AMP
All Other Species	OTH

Described Grains	
Portion	
Fraction Code	
Grain Number	
Grain Type	
Colour Code	
Chromite Code	
Travel Distance	
Form	
Shape	
Clarity	
Lustre	
Surface Feature	
Remark	
Observation Date	
Observer	

Printed: 25-Feb-03

Total Number of Kimberlite Minerals KIM's

**APPENDIX C**  
**Certificates of Analysis**  
**Heavy Mineral Observation**  
**Windy Properties**



# KENNECOTT CANADA EXPLORATION INC.

## Mineral Processing Laboratory

1300 West Walsh St. Thunder Bay, Ontario, Canada P7E 4X4 Telephone (807) 473-5558 Facsimile (807) 473-5660



## CERTIFICATE OF ANALYSIS Method 4: Heavy Mineral Observation

Date Received: 03-Sep-02

Waybill: Manitoulan 001 6658684

Work Order: 02HM057

Project: Gold Summit Mines Ltd.

Lab Billing Code: 113100-RE260

Fraction: -0.500 +0.250mm Mag

Company: Gold Summit Mines Ltd.

Suite 1414 181 University Ave.

Toronto, Ont M5H 3M7

Attention: Jim Pirie

Telephone: (416) 367-4571

Facsimile: (416) 367-5269

	Sample No	PYR	ECL	CPX	OMP	ILM	CHR	OPX	OLI	REMARKS	OBSERVER	DATE OBS
1											CB	04-Nov-02
2											CB	04-Nov-02
3											CB	04-Nov-02
4											CB	04-Nov-02
5	G.S.M.L.348006	0	0	0	0	0	0	0	0	NO CARD	CB	04-Nov-02
6	G.S.M.L.348007	0	0	0	0	0	0	0	0		CB	04-Nov-02
7	G.S.M.L.348008	0	0	0	0	0	0	0	0		CB	04-Nov-02
8	G.S.M.L.348009	0	0	0	0	0	0	0	0		CB	04-Nov-02
9	G.S.M.L.348011	0	0	0	0	1	0	0	0		CB	04-Nov-02
10	G.S.M.L.348012	0	0	0	0	0	0	0	0		CB	04-Nov-02
11	G.S.M.L.348013	0	0	0	0	0	0	0	0		CB	04-Nov-02
12	G.S.M.L.348015	0	0	0	0	0	0	0	1	1	CB	04-Nov-02
13	G.S.M.L.348016	0	0	0	0	0	0	0	0		CB	04-Nov-02
14	G.S.M.L.348017	0	0	0	0	0	0	0	0		CB	04-Nov-02
15	G.S.M.L.348018	0	0	0	0	0	0	0	0		CB	04-Nov-02
16	G.S.M.L.348019	0	0	0	0	0	0	0	0		CB	04-Nov-02
17	G.S.M.L.348022	0	0	0	0	0	0	0	0		CB	04-Nov-02
18											CB	04-Nov-02
19											CB	04-Nov-02
20	G.S.M.L.348029	0	0	0	0	0	0	0	0		CB	04-Nov-02
21	G.S.M.L.348030	0	0	0	0	0	0	0	0		CB	04-Nov-02
22	G.S.M.L.348031	0	0	0	0	0	0	0	0		CB	04-Nov-02
23	G.S.M.L.348032	0	0	0	0	0	0	1	0	NO CARD	CB	04-Nov-02
24										NO CARD	CB	04-Nov-02
25											CB	04-Nov-02

Grains must be confirmed with mineral chemical analysis.

Chris Berner  
Observation Team Leader

Sean Whiteford  
Laboratory Manager

Ian Hamilton  
QA/QC Specialist

The quality of kimberlite indicator mineral observation from heavy mineral concentrates (Method 4) is subject to monitoring through a rigorous internal quality assurance/quality control (QA/QC) scheme. Kimberlite indicator recovery is calculated for two samples in every batch. One batch consists of up to twenty-five samples, depending on individual sample weights. Therefore, at least 10% of samples are quality control samples.

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# KENNECOTT CANADA EXPLORATION INC.

## Mineral Processing Laboratory

1300 West Walsh St. Thunder Bay, Ontario, Canada P7E 4X4 Telephone (807) 473-5558 Facsimile (807) 473-5660



## CERTIFICATE OF ANALYSIS Method 4: Heavy Mineral Observation

Date Received: 13-Sep-02

Waybill: TST 720-3711934

Work Order: 02HM058

Project: Gold Summit Mines Ltd.

Lab Billing Code: 113100-RE260

Fraction: -0.500 +0.250mm Mag

Company: Gold Summit Mines Ltd.  
Suite 1414 181 University Ave.  
Toronto, Ont M5H 3M7

Attention: Jim Pirie

Telephone: (416) 367-4571

Facsimile: (416) 367-5269

	Sample No	PYR	ECL	CPX	OMP	ILM	CHR	OPX	OLI	REMARKS	OBSERVER	DATE OBS
12	G.S.M.L.348054	0	0	0	0	0	0	0	0		CB	07-Nov-02
13	G.S.M.L.348055	0	0	0	0	0	0	0	0		CB	07-Nov-02
14	G.S.M.L.348056	0	0	0	0	0	0	0	0		CB	07-Nov-02
15	G.S.M.L.348058	0	0	0	0	0	0	0	0		CB	07-Nov-02
16	G.S.M.L.348059	0	0	0	0	0	0	0	0		CB	07-Nov-02
17	G.S.M.L.348060	0	0	0	0	0	0	0	0		CB	07-Nov-02
18	G.S.M.L.348061	0	0	0	0	0	0	0	0		CB	07-Nov-02
19											CB	07-Nov-02
20											CB	07-Nov-02
21	G.S.M.L.348069	0	0	0	0	0	0	0	0		CB	07-Nov-02
22	G.S.M.L.348070	0	0	1	0	0	0	0	0		CB	07-Nov-02
23											CB	07-Nov-02
24											CB	07-Nov-02
25											CB	07-Nov-02

Grains must be confirmed with mineral chemical analysis.

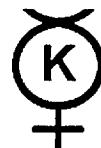
  
Chris Berner  
Observation Team Leader

  
Sean Whiteford  
Laboratory Manager

  
Ian Hamilton  
QA/QC Specialist

The quality of kimberlite indicator mineral observation from heavy mineral concentrates (Method 4) is subject to monitoring through a rigorous internal quality assurance/quality control (QA/QC) scheme. Kimberlite indicator recovery is calculated for two samples in every batch. One batch consists of up to twenty-five samples, depending on individual sample weights. Therefore, at least 10% of samples are quality control samples.

Continual QA/QC monitoring involves comparison of kimberlite indicator mineral recovery from each batch to statistically acceptable internal performance standards. Observation at the laboratory extracts, on average, 86.1% ( $\pm 2.4\%$  at the 95% confidence limit) of pyrope grains  $>0.25<0.50\text{mm}$  in size and 98.7% ( $\pm 2.4\%$  at the 95% confidence limit) of chrome diopside grains  $>0.25<0.50\text{mm}$  in size.



# KENNECOTT CANADA EXPLORATION INC.

## Mineral Processing Laboratory

1300 West Walsh St. Thunder Bay, Ontario, Canada P7E 4X4 Telephone (807) 473-5558 Facsimile (807) 473-5660



## CERTIFICATE OF ANALYSIS

### Method 4: Heavy Mineral Observation

Date Received: 13-Sep-02

Company: Gold Summit Mines Ltd.

Waybill: TST 720-3711934

Suite 1414 181 University Ave.

Work Order: 02HM059

Toronto, Ont M5H 3M7

Project: Gold Summit Mines Ltd.

Attention: Jim Pirie

Lab Billing Code: 113100-RE260

Telephone: (416) 367-4571

Fraction: -0.500 +0.250mm Mag

Facsimile: (416) 367-5269

	Sample No	PYR	ECL	CPX	OMP	ILM	CHR	OPX	OLI	REMARKS	OBSERVER	DATE OBS
1	G.S.M.L.348075	1	0	0	0	0	0	0	2		CB	04-Feb-03
2	G.S.M.L.348076	0	0	0	0	0	0	0	0	NO CARD	CB	04-Feb-03
3	G.S.M.L.348077	0	0	0	0	0	0	0	0		CB	04-Feb-03
4	G.S.M.L.348078	0	0	0	0	0	0	0	0		CB	04-Feb-03
5	G.S.M.L.348079	0	0	0	0	0	0	0	0		CB	04-Feb-03
6	G.S.M.L.348082	0	0	0	0	0	0	0	0		CB	04-Feb-03
7	G.S.M.L.348083	0	0	0	0	0	0	0	1		CB	04-Feb-03
8	G.S.M.L.348108	0	0	0	0	0	0	0	0		CB	04-Feb-03
9	G.S.M.L.348109	0	0	0	0	0	0	0	0		CB	04-Feb-03
10											CB	04-Feb-03
11											CB	04-Feb-03
12	G.S.M.L.348119	0	0	0	0	0	0	0	0	NO CARD	CB	04-Feb-03
13	G.S.M.L.348120	0	0	0	0	0	0	0	0		CB	04-Feb-03
14	G.S.M.L.348121	0	0	0	0	0	0	0	0		CB	04-Feb-03
15	G.S.M.L.348130	0	0	0	0	0	0	0	0		CB	04-Feb-03
16	G.S.M.L.348131	0	0	0	0	0	0	0	0		CB	04-Feb-03
17	G.S.M.L.348132	0	0	0	0	0	0	0	0		CB	04-Feb-03
18	G.S.M.L.348133	0	0	0	0	0	0	0	0		CB	04-Feb-03

Grains must be confirmed with mineral chemical analysis.

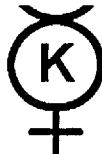
Chris Berner  
Observation Team Leader

Sean Whiteford  
Laboratory Manager

Ian Hamilton  
QA/QC Specialist

The quality of kimberlite indicator mineral observation from heavy mineral concentrates (Method 4) is subject to monitoring through a rigorous internal quality assurance/quality control (QA/QC) scheme. Kimberlite Indicator recovery is calculated for two samples in every batch. One batch consists of up to twenty-five samples, depending on individual sample weights. Therefore, at least 10% of samples are quality control samples.

Continual QA/QC monitoring involves comparison of kimberlite indicator mineral recovery from each batch to statistically acceptable internal performance standards. Observation at the laboratory extracts, on average, 85.55% ( $\pm 2.66\%$  at the 95% confidence limit) of pyrope grains  $>0.25<0.50\text{mm}$  in size and 98.69% ( $\pm 0.75\%$  at the 95% confidence limit) of chrome diopside grains  $>0.25<0.50\text{mm}$  in size.



# KENNECOTT CANADA EXPLORATION INC.

## Mineral Processing Laboratory

1300 West Walsh St. Thunder Bay, Ontario, Canada P7E 4X4 Telephone (807) 473-5558 Facsimile (807) 473-5660



## CERTIFICATE OF ANALYSIS Method 4: Heavy Mineral Observation

Date Received: 13-Sep-02

Waybill: TST 720-3711934

Work Order: 02HM060

Project: Gold Summit Mines Ltd.

Lab Billing Code: 113100-RE260

Fraction: -0.500 +0.250mm Mag

Company: Gold Summit Mines Ltd.

Suite 1414 181 University Ave.

Toronto, Ont M5H 3M7

Attention: Jim Pirie

Telephone: (416) 367-4571

Facsimile: (416) 367-5269

	Sample No	PYR	ECL	CPX	OMP	ILM	CHR	OPX	OLI	REMARKS	OBSERVER	DATE OBS
1											CB	04-Feb-03
2											CB	04-Feb-03
3	G.S.M.L.348140	0	0	0	0	0	0	0	0	NO CARD	CB	04-Feb-03
4	G.S.M.L.348141	0	0	0	0	0	0	0	0		CB	04-Feb-03
5	G.S.M.L.348142	1	0	0	0	0	0	0	0	1 UVA	CB	04-Feb-03
6	G.S.M.L.348151	0	0	0	0	0	0	0	0		CB	04-Feb-03
7	G.S.M.L.348153	0	0	0	0	0	0	0	1		CB	04-Feb-03
8	G.S.M.L.348157	0	0	0	0	0	0	0	0		CB	04-Feb-03
9	G.S.M.L.348158	0	0	0	0	0	0	0	0		CB	04-Feb-03
10	G.S.M.L.348159	0	0	0	0	0	0	0	0		CB	04-Feb-03
11	G.S.M.L.348160	0	0	0	0	0	0	0	0	NO CARD	CB	04-Feb-03

Grains must be confirmed with mineral chemical analysis.

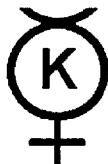
Chris Berner  
Observation Team Leader

Sean Whiteford  
Laboratory Manager

Ian Hamilton  
QA/QC Specialist

The quality of kimberlite Indicator mineral observation from heavy mineral concentrates (Method 4) is subject to monitoring through a rigorous internal quality assurance/quality control (QA/QC) scheme. Kimberlite indicator recovery is calculated for two samples in every batch. One batch consists of up to twenty-five samples, depending on individual sample weights. Therefore, at least 10% of samples are quality control samples.

Continual QA/QC monitoring involves comparison of kimberlite indicator mineral recovery from each batch to statistically acceptable internal performance standards. Observation at the laboratory extracts, on average, 85.55% ( $\pm 2.68\%$  at the 95% confidence limit) of pyrope grains  $>0.25<0.50\text{mm}$  in size and 98.69% ( $\pm 0.75\%$  at the 95% confidence limit) of chrome diopside grains  $>0.25<0.50\text{mm}$  in size.



# KENNECOTT CANADA EXPLORATION INC.

## Mineral Processing Laboratory

1300 West Walsh St. Thunder Bay, Ontario, Canada P7E 4X4 Telephone (807) 473-5558 Facsimile (807) 473-5660



## CERTIFICATE OF ANALYSIS Method 4: Heavy Mineral Observation

Date Received: 13-Sep-02

Waybill: TST 720-3711934

Work Order: 02HM061

Project: Gold Summit Mines Ltd.

Lab Billing Code: 113100-RE260

Fraction: -0.500 +0.250mm Mag

Company: Gold Summit Mines Ltd.  
Suite 1414 181 University Ave.  
Toronto, Ont M5H 3M7  
Attention: Jim Pirie  
Telephone: (416) 367-4571  
Facsimile: (416) 367-5269

	Sample No	PYR	ECL	CPX	OMP	ILM	CHR	OPX	OLI	REMARKS	OBSERVER	DATE OBS
1	G.S.M.L.348168	0	0	0	0	0	0	0	0		CB	04-Feb-03
2											CB	04-Feb-03
3	G.S.M.L.348173	0	0	0	0	0	0	0	0		CB	04-Feb-03
4	G.S.M.L.348174	0	0	0	0	0	0	0	0		CB	04-Feb-03
5	G.S.M.L.348176	0	0	0	0	0	0	0	0		CB	04-Feb-03
6	G.S.M.L.348177	0	0	0	0	0	0	0	0		CB	04-Feb-03
7	G.S.M.L.348178	0	0	0	0	0	0	0	0		CB	04-Feb-03
8											CB	04-Feb-03
9											CB	04-Feb-03

Grains must be confirmed with mineral chemical analysis.

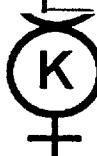
Chris Berner  
Observation Team Leader

Sean Whiteford  
Laboratory Manager

Ian Hamilton  
QA/QC Specialist

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# KENNECOTT CANADA EXPLORATION INC.

## Mineral Processing Laboratory

1300 West Walsh St. Thunder Bay, Ontario, Canada P7E 4X4 Telephone (807) 473-5558 Facsimile (807) 473-5660



## CERTIFICATE OF ANALYSIS

### Method 4: Heavy Mineral Observation

Date Received: 13-Sep-02

Waybill: TST 720-3711934

Work Order: 02HM062

Project: Gold Summit Mines Ltd.

Lab Billing Code: 113100-RE260

Fraction: -0.500 +0.250mm Mag

Company: Gold Summit Mines Ltd.

Suite 1414 181 University Ave.  
Toronto, Ont M5H 3M7

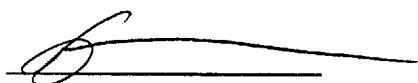
Attention: Jim Pirie

Telephone: (416) 367-4571

Facsimile: (416) 367-5269

	Sample No	PYR	ECL	CPX	OMP	ILM	CHR	OPX	OLI	REMARKS	OBSERVER	DATE OBS
1											CB	12-Dec-02
2	G.S.M.L.348021	0	0	0	0	0	0	0	0		CB	12-Dec-02
3											CB	12-Dec-02
4											CB	12-Dec-02
5	G.S.M.L.348068	0	0	0	0	0	0	0	0		CB	12-Dec-02
6											CB	12-Dec-02
7											CB	12-Dec-02
8											CB	12-Dec-02
9											CB	12-Dec-02
10											CB	12-Dec-02

Grains must be confirmed with mineral chemical analysis.

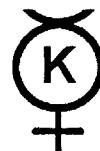
  
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Observation Team Leader

  
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Ian Hamilton  
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## Mineral Processing Laboratory

1300 West Walsh St. Thunder Bay, Ontario, Canada P7E 4X4 Telephone (807) 473-5558 Facsimile (807) 473-5660



## CERTIFICATE OF ANALYSIS

### Method 4: Heavy Mineral Observation

Date Received: 13-Sep-02

Waybill: TST 720-3711934

Work Order: 02HM063

Project: Gold Summit Mines Ltd.

Lab Billing Code: 113100-RE260

Fraction: -0.500 +0.250mm Mag

Company: Gold Summit Mines Ltd.

Suite 1414 181 University Ave.

Toronto, Ont M5H 3M7

Attention: Jim Pirie

Telephone: (416) 367-4571

Facsimile: (416) 367-5269

	Sample No	PYR	ECL	CPX	OMP	ILM	CHR	OPX	OLI	REMARKS	OBSERVER	DATE OBS
1	G.S.M.L.348010	0	0	0	0	0	0	0	0		CB	04-Feb-03
2	G.S.M.L.348014	0	0	0	0	0	0	0	0		CB	04-Feb-03
3	G.S.M.L.348020	0	0	0	0	0	0	0	0		CB	04-Feb-03
4	G.S.M.L.348023	1	0	0	0	0	0	0	0		CB	04-Feb-03
5	G.S.M.L.348027	0	0	0	0	0	0	0	0	NO CARD	CB	04-Feb-03
6	G.S.M.L.348028	0	0	0	0	0	0	0	0		CB	04-Feb-03
7											CB	04-Feb-03
8	G.S.M.L.348057	0	0	0	0	0	0	0	0		CB	04-Feb-03
9	G.S.M.L.348062	0	0	0	0	0	0	0	0		CB	04-Feb-03
10	G.S.M.L.348063	0	0	0	0	0	0	0	0		CB	04-Feb-03
11	G.S.M.L.348064	0	0	0	0	0	0	0	0		CB	04-Feb-03
12	G.S.M.L.348067	0	0	0	0	0	0	0	0		CB	04-Feb-03
13											CB	04-Feb-03
14	G.S.M.L.348080	0	0	0	0	0	0	0	0		CB	04-Feb-03
15	G.S.M.L.348081	0	0	0	0	0	0	0	1		CB	04-Feb-03
16											CB	04-Feb-03

Grains must be confirmed with mineral chemical analysis.

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The quality of kimberlite indicator mineral observation from heavy mineral concentrates (Method 4) is subject to monitoring through a rigorous internal quality assurance/quality control (QA/QC) scheme. Kimberlite indicator recovery is calculated for two samples in every batch. One batch consists of up to twenty-five samples, depending on individual sample weights. Therefore, at least 10% of samples are quality control samples.

Continual QA/QC monitoring involves comparison of kimberlite indicator mineral recovery from each batch to statistically acceptable internal performance standards. Observation at the laboratory extracts, on average, 85.55% ( $\pm 2.68\%$  at the 95% confidence limit) of pyrope grains  $>0.25<0.50\text{mm}$  in size and 98.6% ( $\pm 0.75\%$  at the 95% confidence limit) of chrome diopside grains  $>0.25<0.50\text{mm}$  in size.