

**GEOLOGICAL REPORT**  
**ON THE**  
**CRANBERRY CREEK CLAIMS**

REVELSTOKE MINING DIVISION

BRITISH COLUMBIA

NTS 082L16E  
50° 47'N LATITUDE, 118° 03' W LONGITUDE

Prepared for

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## 1. SUMMARY

The Cranberry Creek Claims are situated in the Revelstoke Mining Division, (NTS 082L16E) in south central British Columbia, approximately 10 kilometers north of Galena Bay and 22 km south of Revelstoke. The project is located at a medium altitude in a moderate climate and has a good access and infrastructure. The Cranberry Creek Claims consist of eight non-contiguous mineral concessions comprising 165 cells units covering an area of 3,364.5 hectares.

The owner of the Cranberry Creek claims, a private B. C. company, optioned the claims in June 2005 to Whistler Gold Corp. (formerly Ventir Challenge Enterprises Ltd.) of Vancouver. The option agreement between Whistler Gold Corp. and the optionee gives Whistler an option to acquire a 70% interest, subject to 1% Royalty, by paying \$25,000 in cash per year and completing \$400,000 worth of work over 4 years to earn its interest.

The Cranberry Creek Claims comprise several old uranium, thorium and rare earth elements (REE) occurrences identified in the late 1970's prior to the uranium moratorium enacted in 1980 and limiting all uranium exploration and mining in British Columbia. In 1987 the moratorium was let lapse and has not been reinstated.

The Cranberry Creek Claims have seen various small work programs since the late 1970's, which have included geological, geochemical and geophysical work in addition to blasting of test pits to identify and determine the presence of radioactivity, in particular uranium, thorium and REE mineralization. British Columbia Ministry of Energy and Mines Minfile reports show the presence of 7 uranium, thorium and REE occurrences in the Cranberry Creek Claim area.

Recently, Whistler Gold Corp. commissioned Goldmaster Resources Ltd. to conduct a geological mapping, radiometric survey and sampling program on the Cranberry Creek Claims to obtain more detailed information about the extent and grade of the radioactive mineralization, in particular uranium, thorium and REE. A total of 8 days were spent on the various claims using a hand held scintillometer (model Scintrex GIS-4) to identify areas of increased radioactivity relative to the background radioactivity. A total of 49 chip and channel samples were collected in areas of notable radioactivity, or areas of interest. Old test pits were located and work included sampling and mapping the area.

The geological mapping has shown that the metamorphic foliation of the mica and quartzite schist in the Tony and Karen claims area strikes northwest and dips under low to moderate angle to the northeast. The Cranberry David and Cranberry Carlo claims areas are made up mainly of distinctly banded biotite gneiss with pale, feldspar-rich bands. The gneiss contains dykes, sills or lenses of granite and coarse-grained pegmatite. The pegmatite commonly forms erosional remnants and elongated ridges projecting above the local topography. Most pegmatite dykes and/or sills strike north-northwest, conformably with the gneiss foliation. A few vertical dykes/sills striking northwest or southeast and scarcely northwest or northeast and dipping smoothly, northeast or

southeast were observed. The foliation in the biotite gneiss strikes northwest and dips southwest. The rocks underlying the Huckleberry and Corner Spot claims strike northwest and dip northeast, similarly as in the Tony and Karen area. Pegmatite dykes and/or sills occur in the area

The radioactivity in the Tony and Karen claims areas is caused by thorium, uranium and REE minerals disseminated in the mica and quartzite schist. The radioactivity in the Cranberry David, Cranberry Carlo, Huckleberry and Corner Spot claims areas is caused by uraninite (pitchblende) that occurs in some pegmatite pods and lenses in the form of small grains associating with feldspar, quartz and/or biotite.

The writer recommends further exploring the uranium, thorium and REE potential of the Cranberry Creek Claims using ground radiometric, magnetic and electro-magnetic surveys, geological mapping and lithochemical sampling. Tony and Karen area should be surveyed to the west and southwest of the area covered by the recent survey. The area of Cranberry Carlo should be surveyed and sampled and the Corner Spot and Huckleberry claims areas, as well as the area adjoining them to the southwest, should be surveyed and prospected in more detail.

## **2. INTRODUCTION AND TERMS OF REFERENCE**

This report has been prepared at the request of President and CEO of Whistler Gold Corp. of Vancouver, who retained Goldmaster Resources Ltd. and the author on July 4, 2005 to review the existing geological data, carry out fieldwork at the Cranberry Creek Claims and to provide recommendations regarding further prospecting and exploration.

The writer is a consulting geologist based in Vancouver and a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia. He has several years of experience in mineral exploration and between July 11 and July 19, 2005 conducted fieldwork at the Cranberry Creek Claims.

The terms of reference for this assignment include preparation of a qualifying geological report in compliance with the Standards of Disclosure for Mineral Projects as set out in the Canadian Securities Administrators' (CSA) National Instrument 43-101 and its Companion Policy 43-101CP, and in accordance with the technical reporting guidelines and requirements stipulated in CSA Form 43-101F1.

## **3. DISCLAIMER**

For parts of this report the writer has relied on third party information, assessment reports generated from various exploration programs, B. C. Ministry of Sustainable Resource Management (MSRN) and B. C. Ministry of Energy and Mines publications and Internet applications. The information reported by third parties is generally presented without comments, and is to the best of writer's knowledge and experience correct and suitable for inclusion in this report. The sources of all information not based on personal examination are quoted in the References chapter. The claims description provided herein

has been excerpted from the electronic applications of the MSRM and relates to the status as of August 15, 2005. The breakdown of expenses for the 2005 fieldwork has been prepared by Whistler Gold Corp.

Subject to agreement with Whistler Gold Corp., the author consents to the filing of this technical report with any stock exchange and/or other regulatory authority and any publication by them, including electronic publication in the public company files on their web sites accessible by the public in the form of technical report for reading only.

#### 4. PROPERTY DESCRIPTION AND LOCATION

The Cranberry Creek Claims are located approximately 22 to 37 kilometers south of Revelstoke and 10 kilometers north of Galena Bay, British Columbia, within the Revelstoke Mining Division (Fig. 1). The property measures approximately 15 kilometers northwest/southeast and 10 km northeast/southwest. Though not completely contiguous, the claims combined measure approximately 3,364.5 hectares.

The claims are centered at 50°47'N latitude and 118°03'W longitude. The UTM coordinates for the centre of the property are approximately 425000 E and 5626500 N (NAD83).

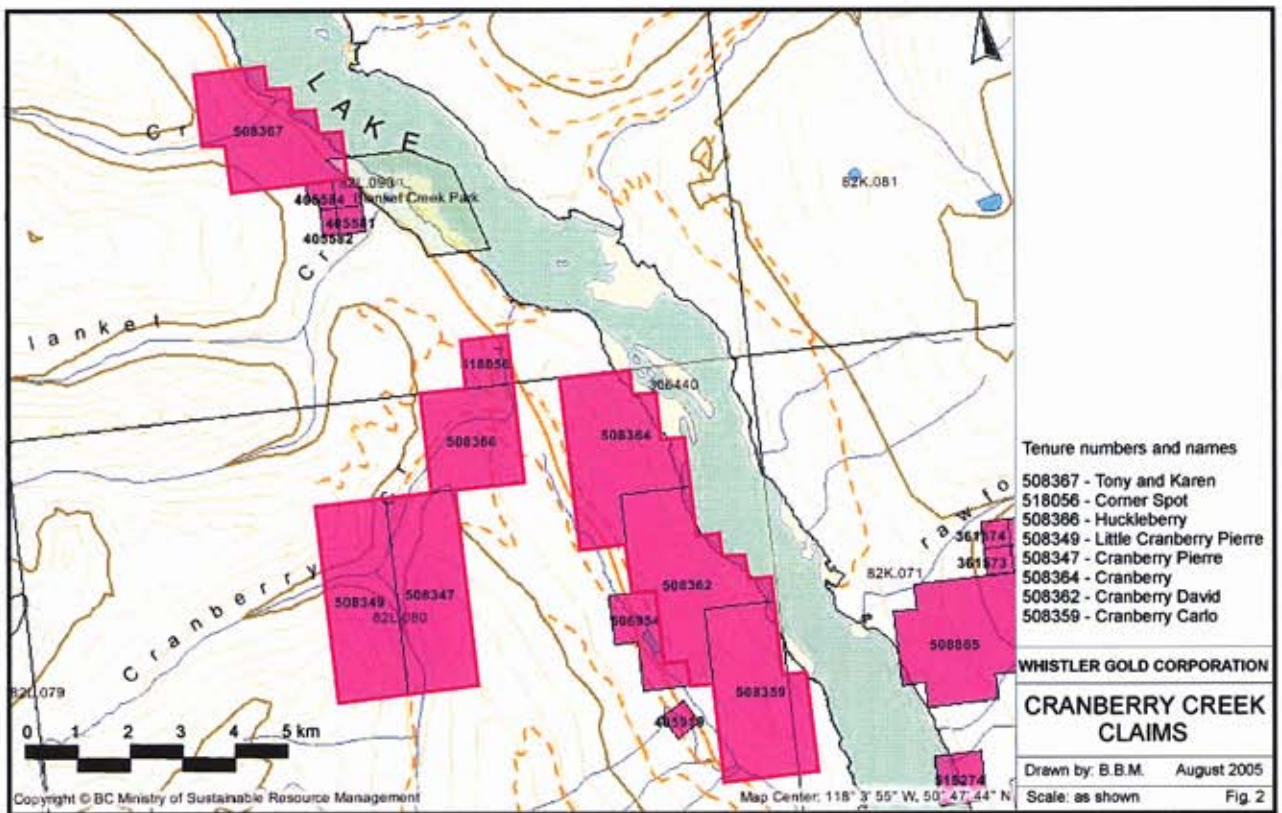
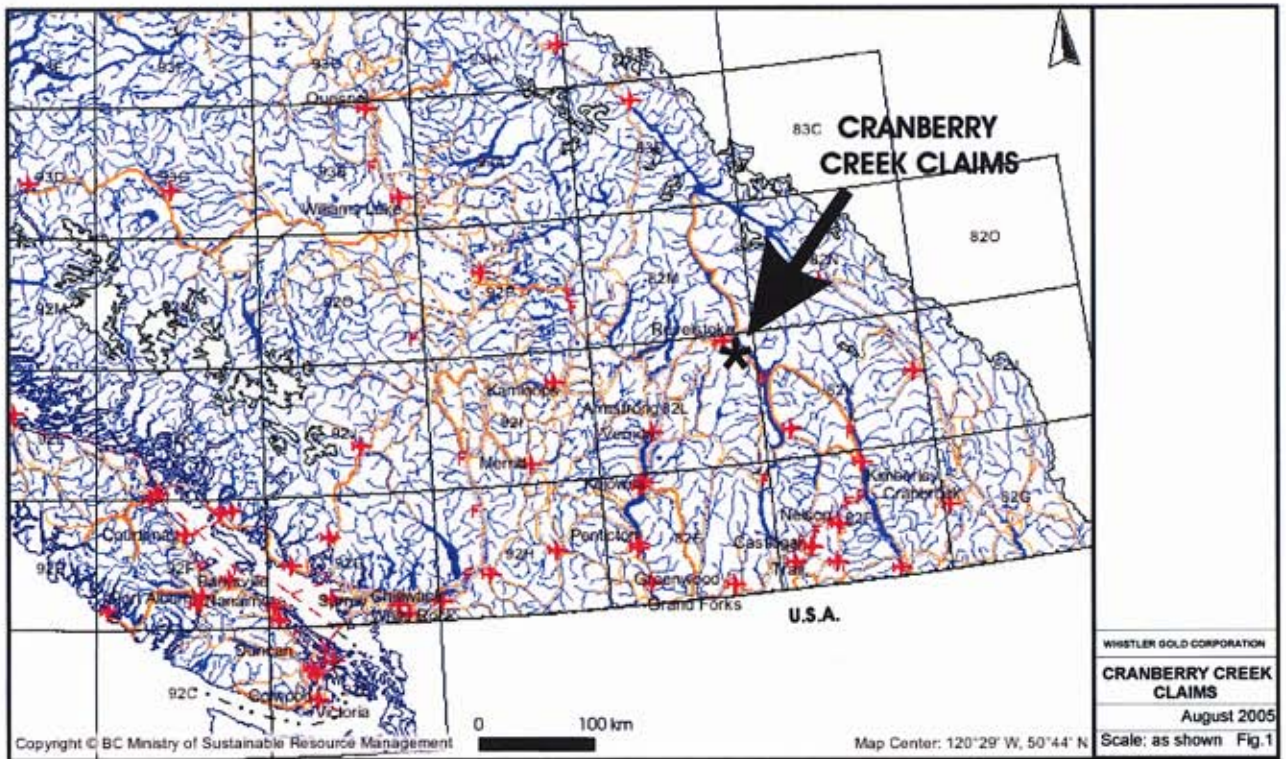
The following table lists relevant claim information.

Tenure #	Name	Good to date	# units	Hectares	Owner
508347	Cranberry Pierre	2006/Mar/07	24	490.557	Renee Brickner
508349	Little Cranberry Pierre	2006/Mar/07	24	490.556	Renee Brickner
508359	Cranberry Carlo	2006/Mar/07	25	511.236	Renee Brickner
508362	Cranberry David	2006/Mar/07	25	511.003	Renee Brickner
508364	Cranberry	2006/Mar/07	25	510.763	Renee Brickner
508366	Huckleberry	2006/Mar/07	16	326.859	Renee Brickner
508367	Tony and Karen	2006/Mar/07	22	441.869	Renee Brickner
518056	Corner Spot	2006/Jul/20	4	81.692	Dwayne Kress
Totals			165	3,364.535	

#### 5. ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Cranberry Creek Claims area is located in south-central British Columbia within the Monashee Mountains. Topographic relief in the exploration work area is moderate, with relief ranging from approximately 425 meters above sea level on the Columbia River to about 1,250 meters above sea level in the western part of the claims group lying on the eastern foothills of the Mt. Begbie massif. The area has mean annual precipitation





ranging from 100 to 150 centimeters. Mean daily temperature in January is  $-5$  to  $-10$  ° C and in July 18 to 20 ° C. There are 18 to 21 days with measurable precipitation in January and 6 to 13 days in July. The area belongs to interior western hemlock bioclimatic zone (Farley, 1979). Most claims are forested, but large areas that were logged are now covered by the second growth. The underbrush is locally dense. Local industries include logging, hydro electricity generation and limited agriculture.

Access to the property from Revelstoke is via Highway 23, which cross cuts or runs adjacent to the claims. Access to individual claim blocks is via logging roads that branch off the Highway 23 between approximately 22 to 30 km south of Revelstoke.

Outcrop exposure varies within the property. Areas containing hilltops and ridges, steep slopes and cliffs contain abundant outcrop. More moderate relief contains limited outcrop though overburden is generally thin, less than 1 meter.

The town of Revelstoke is the closest centre for basic supplies. The city of Kelowna is located within 2 hours and is the closest industrial centre that provides all services required to conduct mineral exploration.

## 6. HISTORY

### Karen Showing

In early 1978 G. Allen detected an area of strong radioactivity along the Highway # 23 between Mulvehill and Blanket creeks was (Allen 1979). Subsequently, the ARCL 1 & 2 mineral claims (25 hectares) were staked and Wollex Exploration Ltd. explored the property in 1979. A total of 10 samples were collected and analyzed for uranium, thorium, gold, silver, copper, lead and zinc. Two samples with the highest uranium and thorium (0.0014 – 0.0043 %  $U_3O_8$  and 0.035 to 0.06  $ThO_2$ ) were assayed for REE and the richest sample returned 0.36 % lanthanum, 0.82 % cerium, 0.08 % praseodymium, 0.38 % neodymium and 0.05 % gadolinium (Minfile 082LNE037). Based on the results the radiometric prospecting of the area west of the initial sampling sites was recommended.

In 1982 and 1983, the area was revisited as the KAREN claim and work was conducted by Aurun Mines Ltd. (Horne, 1983). Geological mapping, geochemical and geophysical work was carried out on the property. Mapping at a scale of 1:2,000 was done and all mapping and sampling focused on road cuts. A grid was emplaced on 10 meters spacing along the roadside and a total of 417 readings were taken to determine radiation potential. A total of 10 samples were collected during the work program and were analyzed for gold, silver,  $U_3O_8$ ,  $ThO_2$ , copper, lead and zinc. One of the 10 samples was also analyzed for lanthanum, cerium, praseodymium, neodymium, samarium, europium and gadolinium (LREE) while another sample was analyzed for terbium, dysprosium, holmium, erbium, thulium, ytterbium and lutetium (HREE). A pit was blasted and sampled, probably by Noranda, but no record of the work and assay results exists. The location of the pit is shown in Figs. 3, 6.

## Cran Showings

Cajac Exploration Ltd. discovered the prospects during the spring 1977. In the same year Noranda Exploration Company Ltd. optioned the property from Cajac and conducted prospecting, geochemical, airborne geophysics, line cutting, petrophysical and physical work on the Cran 2, 3 and 4 showings which included 3 blast pits (Hughes and Walker, 1978, Minfile 082LNE033, 082LNE020 and 082LNE034). A McPhar TV-1 scintillometer was used to detect outcrops with anomalous radioactivity. Prospecting covered a 750-hectare area at a scale of 1:5,000. Geological mapping at a scale 1:25,000 was conducted and a total of 160 samples were collected. Uranium oxide, gold, silver, copper and molybdenum bi-sulfide were analyzed and a petrographic study on eleven samples was made.

The airborne radiometric survey was conducted over 16 lines spaced at 400 meters. A total of 290 km were flown. A GR-410 gamma ray spectrometer and a crystal detector GFX-21 were used to measure radioactivity in counts per second (cps). One significant and several small anomalies greater than 50% (200 cps) were detected. The small anomalies were attributed to abundant outcrops and did not appear to associate with significant mineralization. The known uranium occurrences were not detected by this survey. The most anomalous areas identified by Noranda were blasted to expose fresh rock surfaces. The locations of blasted pits #s 1, 2 and 3 are shown in Figs. 4, 7. The petrographic study of anomalous samples revealed that the uranium mineralization on the Cranberry claim occurs in the form of uraninite and minor autunite. One anomaly was detected over Cranberry Creek and was attributed to uncovered creek sand banks and/or bars. The mineralization observed was limited to areas of outcrop and to date no economic values were encountered

## Cameron (Jenkins 1-2) Showings

No documentation of assessment work is noted for the Cameron (Jenkins 1-2) showings, though government work in 1990 indicates thorium and uranium were identified and labeled as showings in Minfile 082LNE035 and 082LNE036.

## Mulvehill Showing

No documentation of assessment work is noted for the Mulvehill showing, though government work in 1990 indicates thorium, REE and silica were identified and labeled as showings (Minfile 082LNE038). The zone is described as a 500 meters long radioactive zone with up to 50,000 cps on a McPhar TV-1 scintillometer. In the northern part of the zone, radioactivity registers over 100,000 counts per second, associated with an intraformational, stretched, sericitic quartz pebble conglomerate containing hematite and limonite. It was determined that thorium and REE are the likely source of radioactivity.



## 7. GEOLOGICAL SETTING

The Tony and Karen claims area (Figs. 3, 6) is underlain by quartzite, quartz muscovite and quartz biotite schist of the Monashee Complex of Precambrian or Paleozoic age. The rocks are low to medium grade metamorphosed and belong to the Mount Begbie assemblage. The assemblage is megascopically folded with major structures such as Begbie and Tilley anticlines and Mulvehill syncline. To the east the Columbia River fault zone truncates the rock assemblage. The metamorphic foliation strikes northwest and dips under low to moderate angle to the northeast.

The Cranberry David and Cranberry Carlo claims area (Figs. 4, 7) is made up mainly of banded biotite gneiss with pale, feldspar-rich bands and numerous dykes, sills or lenses of pegmatite. The banding in gneiss may locally be very faint and the rock may grade to biotite granite. Pegmatite commonly forms erosional remnants in the form of up to a hundred meters long and up to 50 meters wide elongated ridges. Generally, the foliation in this area strikes north-west and dips south-west.

The Huckleberry and Corner Spot claims are underlain by biotitic and leucocratic gneiss with up to a few meters wide pegmatite dykes and sills. Vein quartz occurs locally. The gneiss locally grades to stromatitic migmatite with ptigmatitic texture. The rock assemblages strike generally north-west and dip north-east, similarly as in the Tony and Karen claim area (Figs.5, 8).

## 8. DEPOSIT TYPES

The radioactivity in the Cranberry Creek Claims area is associated with uranium, thorium and REE minerals sparsely disseminated in the mica and quartzite schist and in pegmatite dykes and sills. Metallogenetically, it appears that two mineralization styles occur in the area, a granitic uranium style and a thorium and REE style hosted by the schist, particularly by the feldspathic portions.

## 9. MINERALIZATION

The radioactivity and anomalous thorium and REE contents in the Tony and Karen claims are associated with muscovitic and quartzitic schist and associated pegmatite dykes. Thorium and rare earth minerals present are monazite, thorite, uranothorite, thorianite, allanite, xenotime and bastnaesite (?). Somewhat higher values were noted in limonitic zones, mossy and waterlogged areas with black humic soil (A horizon), but the reason for this is unknown. We have no information if this media preferably concentrate REE, Th and/or U minerals, either in the form of primary, or secondary minerals or compounds. Normalized REE diagrams are shown in Appendix IV.

The radioactivity and somewhat elevated contents of uranium and strongly elevated contents of potassium in the Huckleberry, Corner Spot, Cranberry David and Cranberry Carlo claims are associated with the pegmatite dykes and sills emplaced in the biotite gneiss host rock and along their biotitized contacts and belong to granitic uranium style mineralization. The petrographic study of the mineralization conducted by Noranda has

shown that pegmatite is made up mainly of potassium feldspar, albite and quartz, and subordinate biotite. Uraninite, forming small, cubic to sub-cubic grains, mostly less than 0.5 mm in diameter, is associated with feldspar, quartz and/or biotite. The uraninite grains commonly have orange halos made up of autunite that also fills fractures in the host feldspar and/or quartz. Some discolouration and destruction of the biotite lattice have been noted adjacent to uraninite. The uraninite appears to be a primary mineral in the pegmatite, as no joint or fracture controlled mineralization has been observed (Hughes and Walker, 1978).

Although, many pegmatites have a higher total count background than the gneissic host rock, anomalous zones are sparse and have dimensions in the order of decimeters. A few lenticular zones with lengths up to several meters have also been observed, but their widths are less than a decimeter.

## 10. EXPLORATION

The objective of the fieldwork was to conduct geological mapping and ground radiometric surveys to detect the areas and outcrops with anomalous radioactivity and to collect samples from anomalous zones and old pits for the radioactive and RE elements analysis.

Tony and Karen claims area (Figs. 3, 6) is underlain by quartzite, quartz muscovite and quartz biotite schist. The rocks appear to be low to medium grade metamorphosed and the assemblage is mega-scopically folded. The metamorphic foliation strikes northwest and dips under low to moderate angle to the northeast. The schist locally contains conformable pegmatite dykes from a few centimeters up to 1.5 meters wide and quartz veinlets and/or nests up to 5 cm in diameter. The rocks are made up of white, pale grey to semi-translucent quartz, white potassium feldspar, locally forming contiguous, a few mm to a cm thick bands, white to yellow mica and scarce black tourmaline (schorl?) forming columnar crystals up to 5 cm long. Some smaller black columnar grains seen may be REE minerals, such as gadolinite.

There are two systems of joints, one striking east west and dipping vertical or steeply north and the other striking north – south and dipping vertical or steeply west. The joints are commonly coated with limonitic clay and may locally render slightly higher radioactivity. Some bands within the schist/quartzite sequence appeared to yield higher radioactivity than the others. We have noticed that the darker, more micaceous schist frequently gives higher counts than the pale muscovitic and quartzitic schist. The rocks are also affected by shearing deformation. The  $s_1$  shear planes strike  $285^\circ$  and the  $s_2$  planes strike  $320^\circ$ . The dip angles of both planes range from  $26^\circ$  to  $28^\circ$  northeast.

The Cranberry David and Cranberry Carlo claims area (Figs. 4, 7) is made up mainly of distinctly banded biotite gneiss with pale, feldspar-rich bands. The gneiss contains dykes, sills or lenses of granitic pegmatite and coarse-grained pegmatite. The banding in gneiss may locally fade out and the rock grades to medium grained biotite granite. The pegmatite commonly forms erosional remnants in the form of elongated ridges projecting

above the local topography. The ridges are up to a hundred meters long and up to 50 meters wide. Dark gneiss variety containing amphibole laths (?) has also been observed.

The foliation and banding in gneiss is commonly folded or crenulated. The pegmatite may locally contain altered gneiss enclaves with biotitized salbands. Most pegmatite dykes and/or sills strike north-northwest. The average strike is  $342^{\circ}$  and the average dip  $23^{\circ}$  due west ( $n=6$ ) indicating conformity with the gneiss foliation. A few vertical dykes/sills striking northwest or southeast and scarcely northwestern or northeastern strikes and smooth, northeastern or southeastern dips were observed, respectively. The foliation in the biotite gneiss strikes northwest (average  $335^{\circ}$ ) and dips southwest (average  $29^{\circ}$ ). The gneissic rocks of the Cranberry David and Cranberry Carlo claims areas differ from the Tony and Karen area by higher degree metamorphism and by being inclined to the west. The two assemblages are separated by a relatively young fault, part of a major fault zone running north - south along the Columbia River valley and separating the rock assemblages of different origins and developments.

The Huckleberry and Corner Spot claims are underlain by banded gneiss, biotitic gneiss and leucocratic gneiss with commonly folded and crenulated foliation and locally developed boudinage. The foliation strikes generally north-west and dips north-east (Figs. 5, 8). The alternating pale and dark bands locally lend the rock a stromatitic aspect. However, the foliation may in places fade away and the rock grades to leucocratic granite. Locally, the gneiss is intruded by pegmatite dykes or sills ranging in thickness from centimeters to 1.2 meters. Most dykes and sills are conformable with the foliation. The structural data are listed in the Appendix I.

The radiometric survey was conducted using Scintrex GIS-4 solid-state gamma-ray spectrometer. No quantitative determination of potassium, uranium and/or thorium contents in the rocks have been made during the survey based on the spectrometer data, because  $\text{Th}_2\text{O}$  source was not available. A provisional calibration of the instrument prior to measurements was made every day at certain outcrops with the instrument set on U+Th mode and on 3 seconds counting periods. The counts were adjusted to the average readings obtained in the previous day. The audible alarm threshold was set at 100 cps.

Based on a number of measurements, the background values were determined for two claim groups. The background for the Tony and Karen claims was set at 15 cps, and the background for Huckleberry, Corner Spot, Cranberry David and Cranberry Carlo claims was set at 10 cps.

Most samples from Tony and Karen area were taken from the outcrops that yielded 100 cps or higher, but in the lower radioactivity zones, the samples were taken from outcrops yielding relatively highest values (Fig. 6). A sample was also collected from an old pit dug probably by Noranda. Most samples were taken by chipping out from the fresh outcrop surfaces using a sledgehammer and chisel. A diamond saw was used to cut continuous channels from the outcrops with flat surfaces. Continuous channels were about 0.6 to 1 meter long, 5-7 cm wide and 5 to 10 cm deep. After cutting, the samples

were extracted using a chisel and sledgehammer. Each sample site was marked with aerosol paint after collection and photos and GPS readings (NAD83) were taken.

Of the total of 49 samples collected, 28 come from the Tony and Karen claims, 16 from Cranberry, Cranberry David and Cranberry Carlo claims and 5 from Huckleberry and Corner Spot claims.

## **11. DRILLING**

No drilling was conducted to date on either of the properties addressed in this report.

## **12. SAMPLING METHOD AND APPROACH**

The writer aided by field assistant Dwayne Kress collected 49 chip, discontinuous channel and continuous channel samples from the zones with radioactivity exceeding general background for a particular area and from the old pits blasted by Noranda during 1983 survey. The sample sites are shown in Figs. 3, 4 and 5. The samples were placed in standard polypropylene bags, provided with a tag with sample number and closed with flagging tape. The sample descriptions are in Appendix I. The sample locations were recorded using GPS in NAD 83 projection.

## **13. SAMPLE PREPARATION, ANALYSES AND SECURITY**

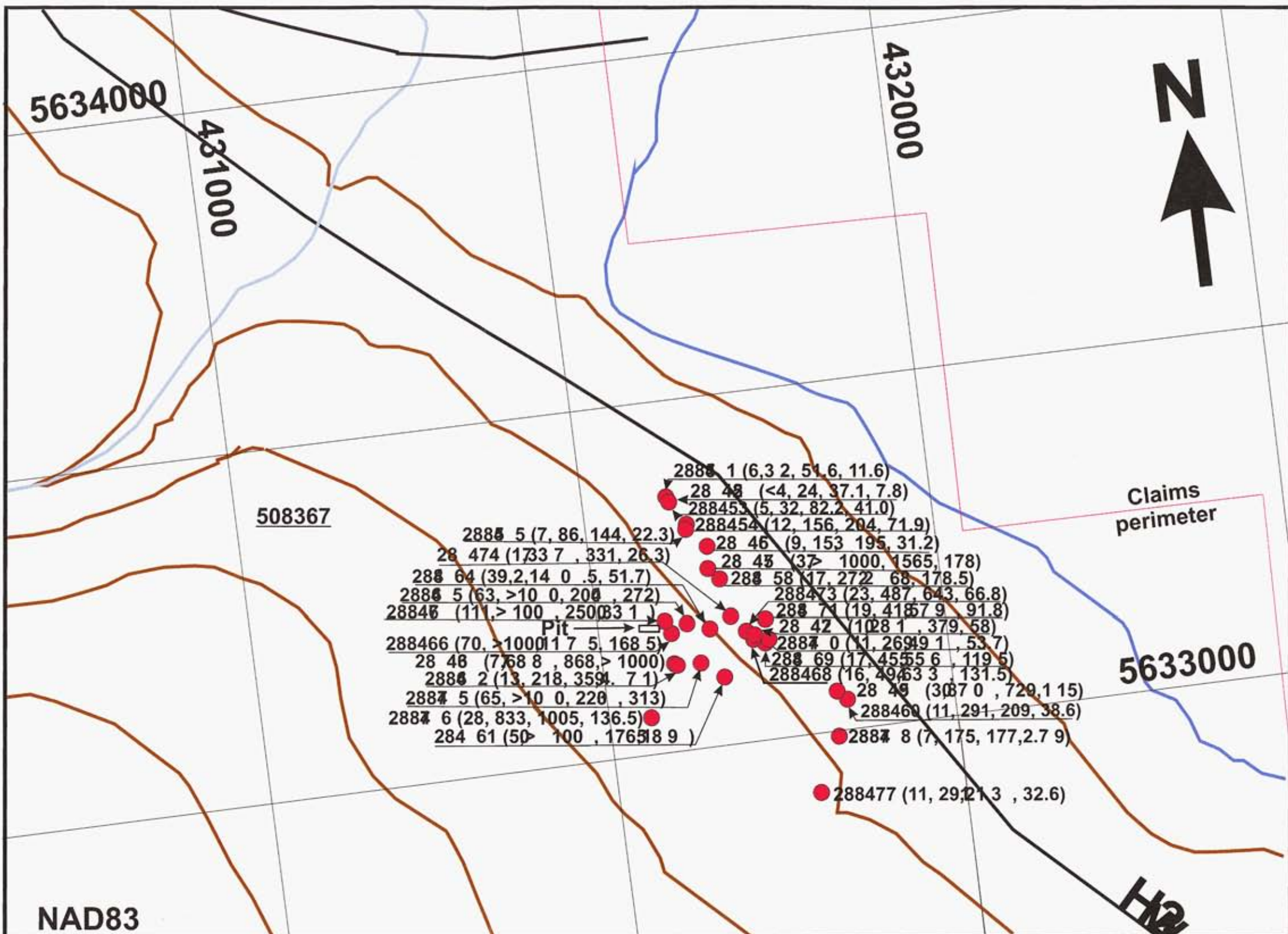
The rock samples were not modified after collection. The writer personally transported samples from the property to Vancouver and dispatched them securely to ALS Laboratory for analysis. The samples from the Tony and Karen claims were assayed for REE and uranium and the samples from the Cranberry, Cranberry Daniel, Cranberry Carlo, Huckleberry and Corner Spot claims were assayed for uranium and potassium oxide only (Appendix II).

The ALS Chemex Laboratory quality system complies with the requirements of the international standards ISO 9001:2000 and ISO 17025:1999.

The rock samples were crushed, split, pulverized and assayed using the following procedures: pressed pellet wavelength dispersive U-XRF05; the REE were assayed using ICPMS ME-MS82 and potassium was assayed using K-AA-82.

## **14. DATA VERIFICATION**

The ALS Chemex Laboratory's quality control includes repeat sample assays as well as standard reference materials for uranium, thorium potassium and REE and blanks samples. The repeat analyses and standards used by the laboratory are listed in Appendix II.



● Sample with number and assay values for U, Th, La, Y (in ppm)

508367 Claim number

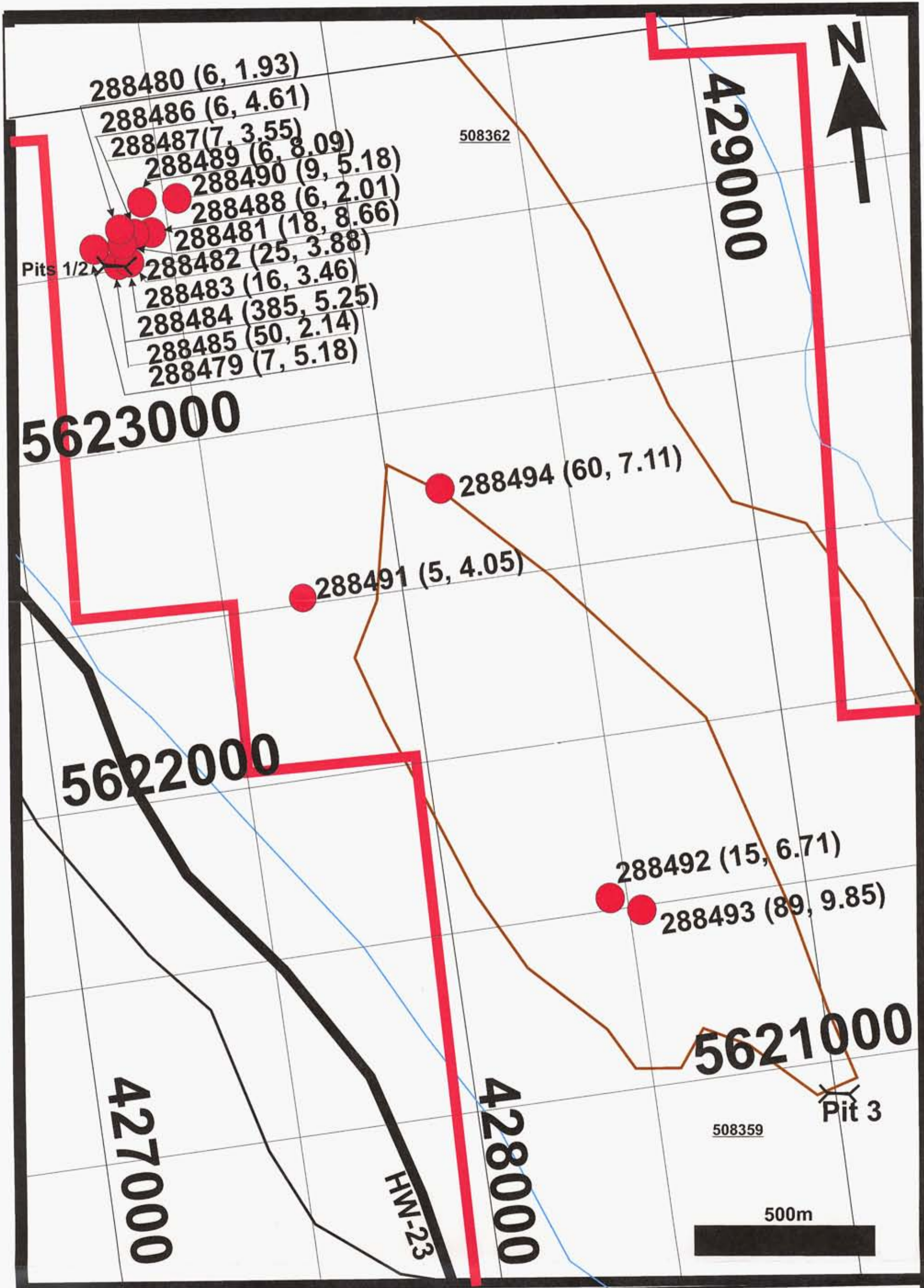


**WHISTLER GOLD CORP.**

**CRANBERRY CREEK CLAIMS  
TONY AND KAREN CLAIMS**

**Scale: as shown Fig.3**





- 288480 (6, 1.93)
- 288486 (6, 4.61)
- 288487 (7, 3.55)
- 288489 (6, 8.09)
- 288490 (9, 5.18)
- 288488 (6, 2.01)
- 288481 (18, 8.66)
- 288482 (25, 3.88)
- 288483 (16, 3.46)
- 288484 (385, 5.25)
- 288485 (50, 2.14)
- 288479 (7, 5.18)

Pits 1/2



500m

● Chip/channel sample with number and assay values (U in ppm, K<sub>2</sub>O in %)

508359 Claim number

**WHISTLER GOLD CORP.**

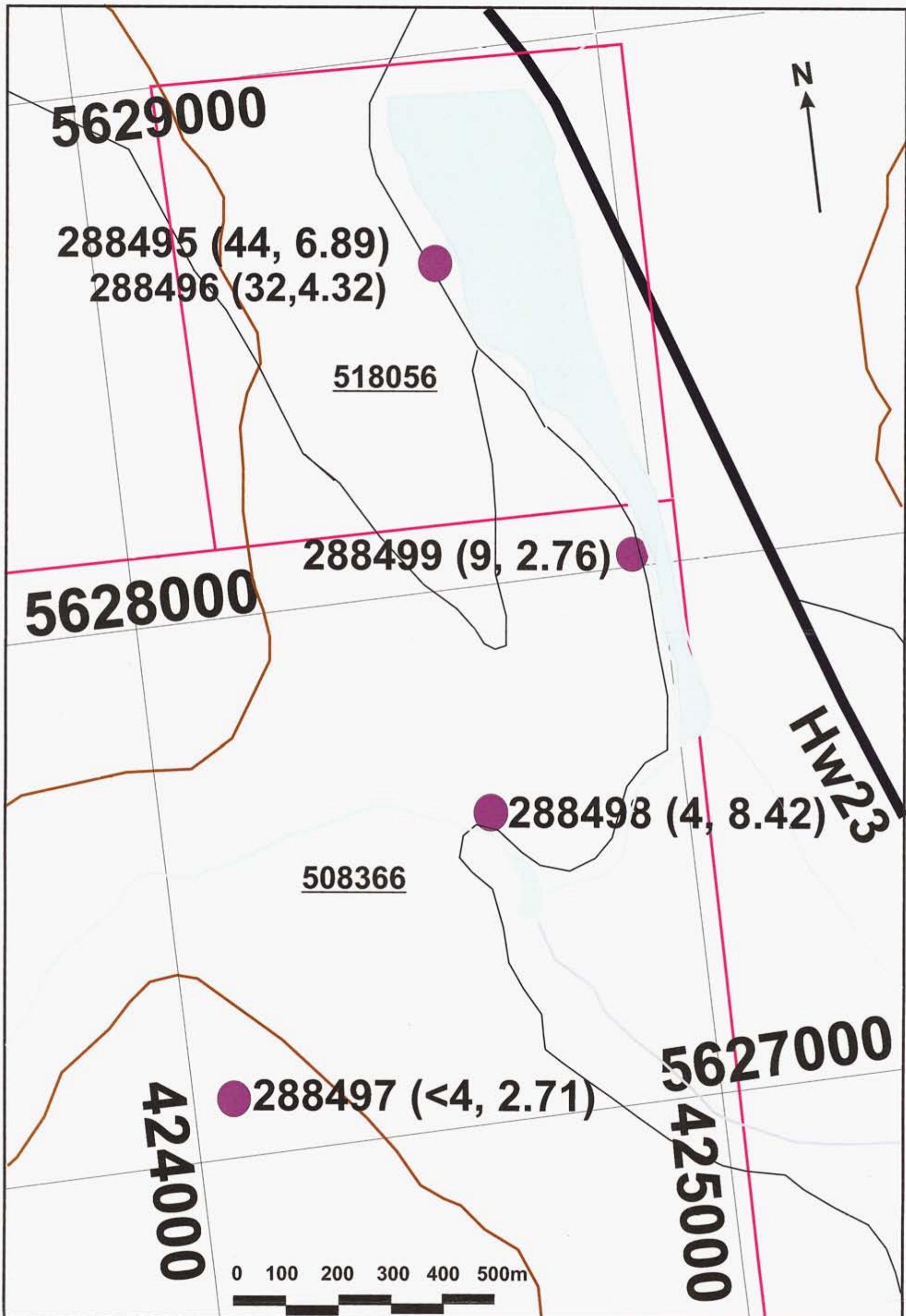
CRANBERRY CREEK CLAIMS  
Cranberry, Cranberry David and  
Cranberry Carlo Sample Sites

NAD83

Scale: as shown

Fig. 4





● Channel sample with number and assay values (U in ppm, K<sub>2</sub>O in%)

508366 Claim number

**WHISTLER GOLD CORP.**

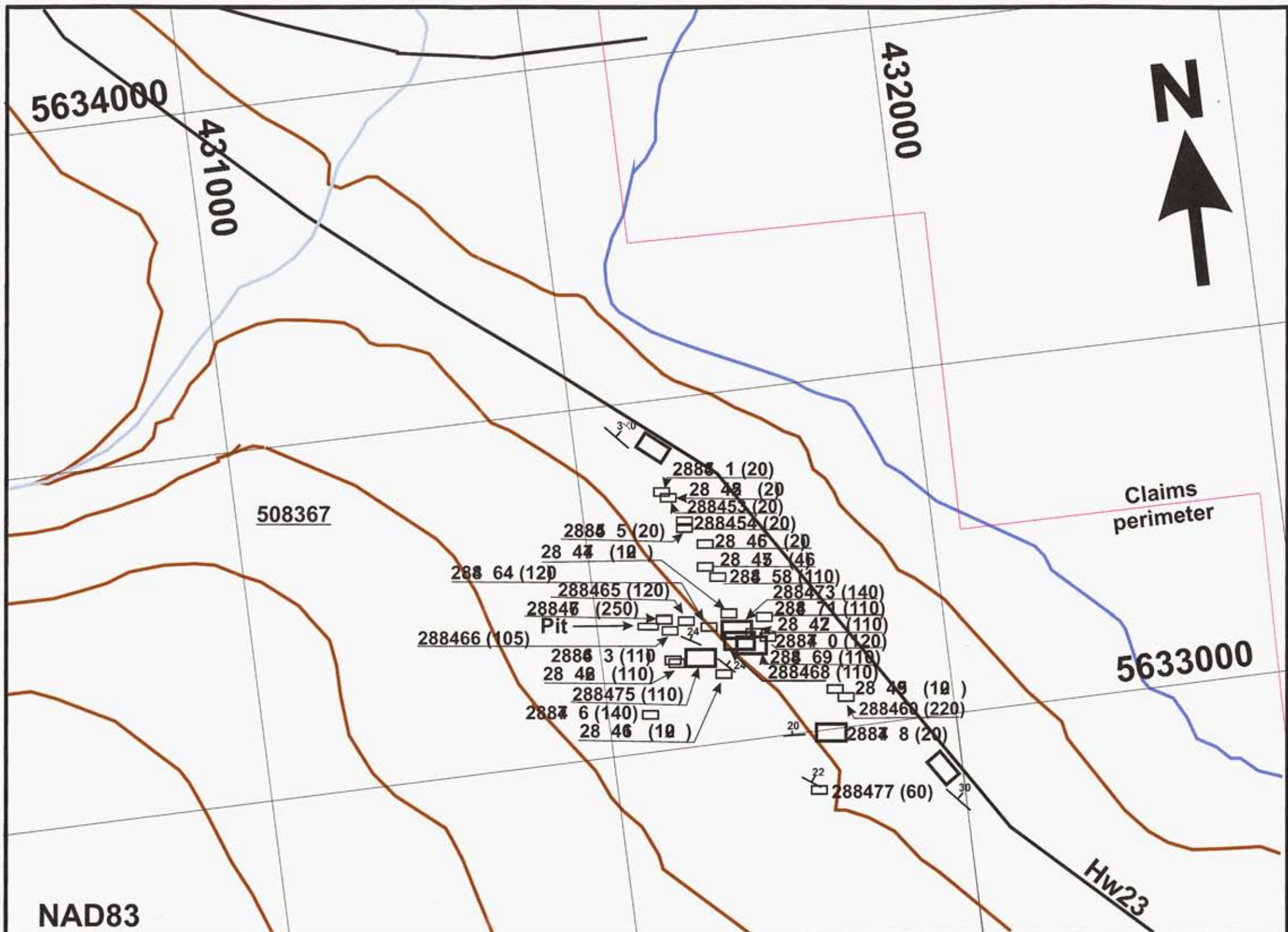
CRANBERRY CREEK CLAIMS  
Huckleberry and Corner Spot  
Sample Sites

NAD83

Scale: as shown

Fig. 5





NAD83

□ Small outcrop (with radiometric reading)

▣ Large outcrop (with radiometric reading)

↘<sup>20</sup> Foliation with dip angle

508367 Claim number

0 100 200 300 400 500m



**WHISTLER GOLD CORP.**

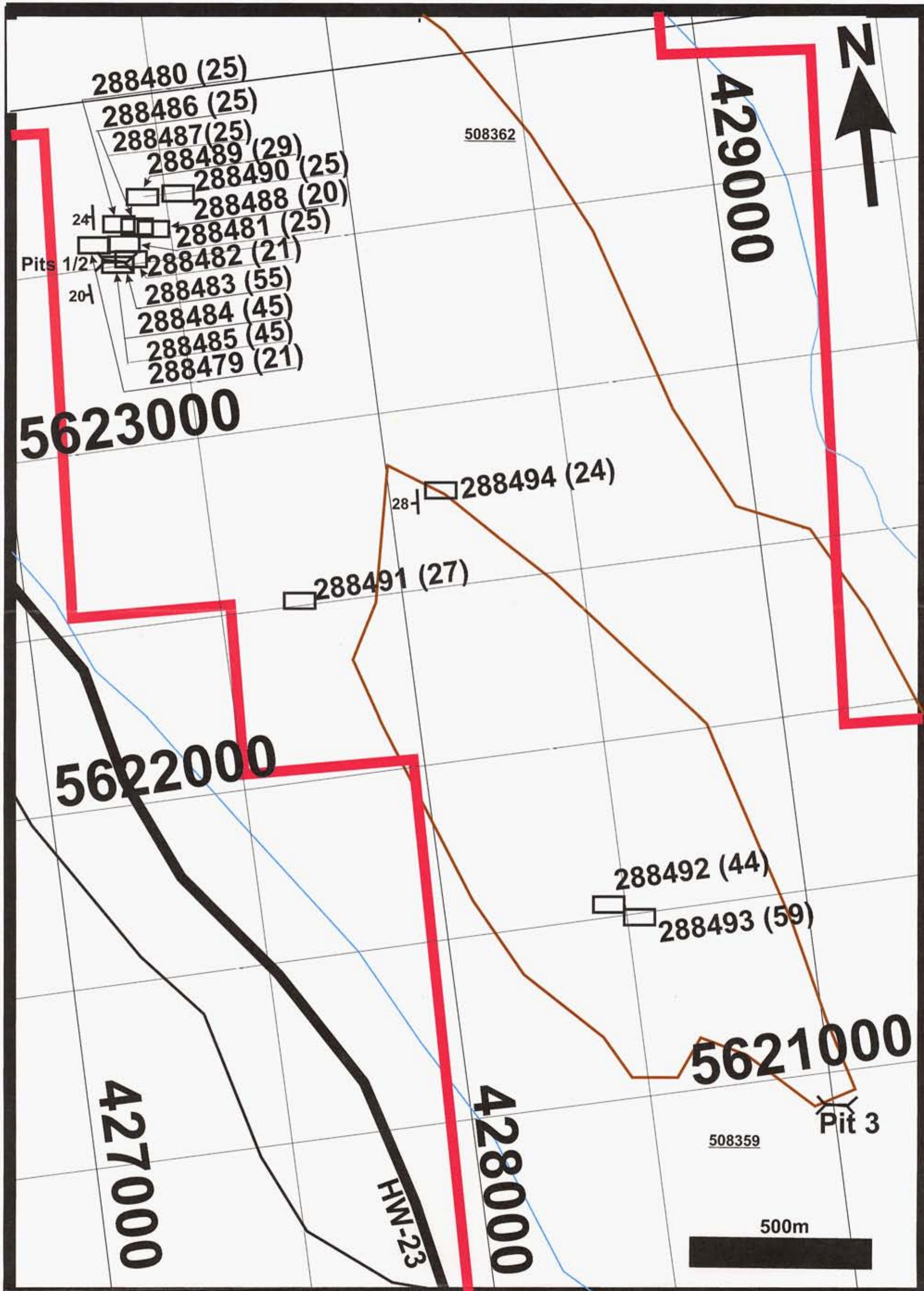
**CRANBERRY CREEK CLAIMS**



Tony and Karen Claims: Mapping and Radiometric Readings

Scale: as shown

Fig.6





-  Outcrop with radiometric reading
-  Foliation with dip angle
- 508359 Claim number

**WHISTLER GOLD CORP.**

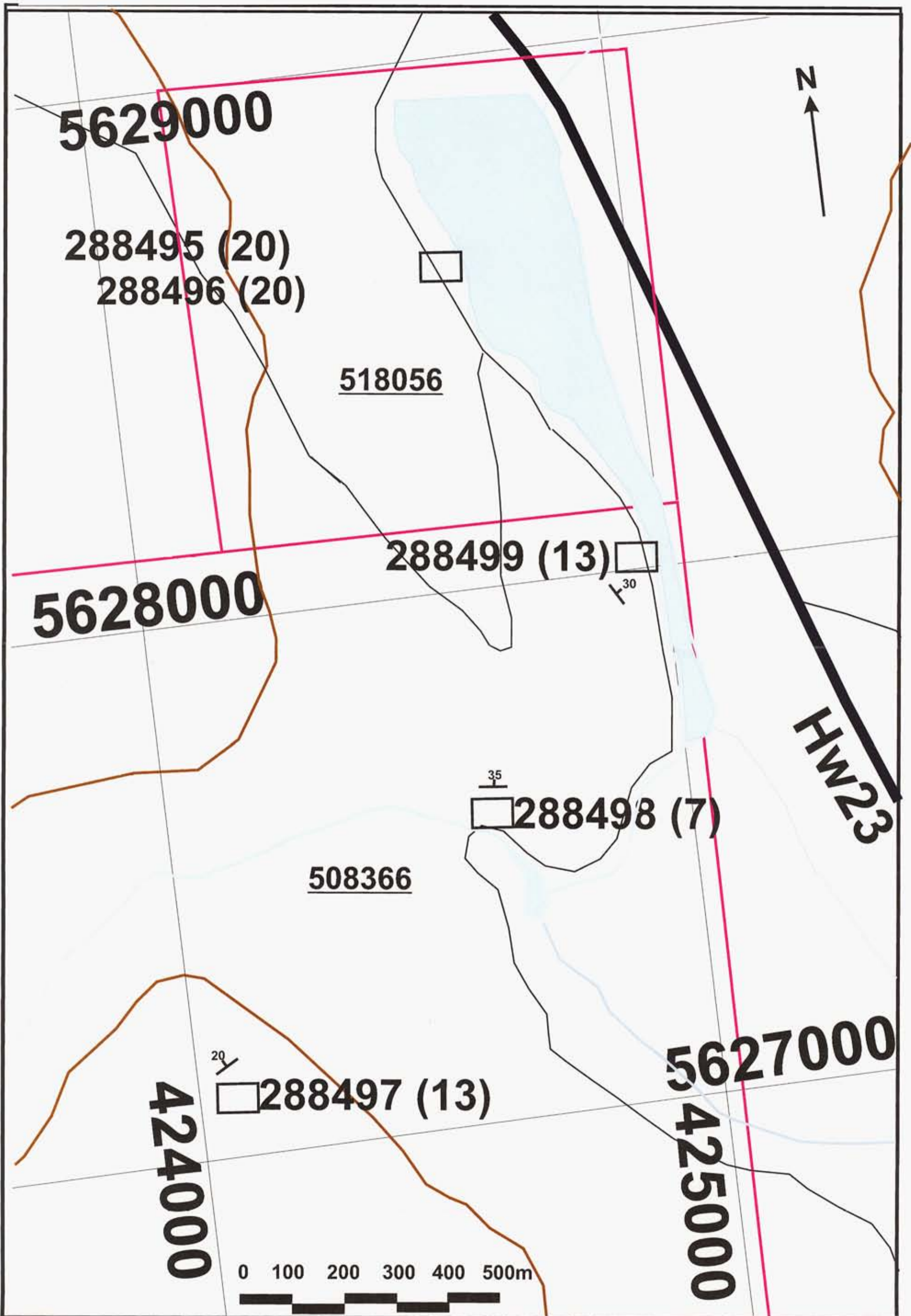
Cranberry, Cranberry David and Cranberry Carlo: Map of Outcrops and Radiometric Readings

NAD83

Scale: as shown

Fig. 7





Outcrop with radiometric reading  
 $20^\circ$  Foliation with Dip Angle  
508366 Claim number

**WHISTLER GOLD CORP.**

Huckleberry and Corner Spot  
 Map of Outcrops and Radiometric  
 Readings

NAD83 Scale: as shown Fig. 8

We have checked the assay results and found that all sample duplicates #s 288460, 288482, 288488, 288500 and 82401, standard and blank assays fall within the target ranges. The highest deviation was found in cerium in the sample duplicate #288460, which assayed by 8.4 per cent higher value than the original. The sample duplicate # 288482 assayed by 4 per cent higher value than the original sample. The sample duplicate 288488 returned a value by 0.5 per cent higher than was the original value. The sample duplicates #s 288500 and 82401 returned identical and/or almost identical values for uranium and potassium.

Therefore, we can state that the accuracy and reproducibility of the assays conducted for the recent survey were very good.

## **15. ADJACENT PROPERTIES**

The claims in good standing adjacent to the west and south of Cranberry Creek include tenure numbers; 506954 (JEN) owner Timothy Sanders; 405919 (Goldflake) owner William Sanders and; 405581, 405582, 405583 and 405584 (MR-9-12) owner Lawrence Heal.

## **16. MINERAL PROCESSING AND METALLURGICAL TESTING**

No mineral processing and/or metallurgical testing were conducted on the samples from the Cranberry Creek Claims.

## **17. MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES**

The results of the recent field work, sampling and assaying program cannot be used to calculate, or estimate mineral resources or reserves for the Cranberry Creek Claims.

## **18. INTERPRETATION AND CONCLUSIONS**

Recent radiometric survey and the chemical assays of collected samples confirmed that the Cranberry Creek claims area contains rocks yielding substantially increased radioactivity caused by disseminated thorium, uranium and REE minerals. The gamma-ray spectrometer data in most cases correlate with the assay results, although radiometric data from highly anomalous areas appear to be influenced by local background. There are indications that the Tony and Karen area contains a band of more micaceous and darker schist yielding higher radioactivity than the surrounding, paler schist and/or micaceous quartzite rocks.

The highest thorium, uranium and REE values on the Tony and Karen claims were assayed in the sample from the old pit (Figs. 3, 6). This sample (# 288467) gave > 0.1 per cent thorium, 0.011 per cent uranium, 0.25 per cent lanthanum, 0.54 per cent cerium, 0.23 per cent neodymium and substantially increased values in other REE (Appendix II). The thorium and uranium contents correlate with the REE contents. The contents of REE, particularly LREE are anomalous in the majority of samples from this area (n=28). Some

bands within the schist/quartzite sequence seem to yield higher radioactivity than the others. The chondrite normalized REE data (after Boynton, 1984) are in Appendix III and the REE diagrams are shown in Appendix IV. The Ce/Lu ratio 63.7 is very high indicating strong prevalence of the light REE over the heavy REE.

The increased contents of uranium in the Cranberry, Cranberry David and Cranberry Carlo claims are associated with the pegmatite dykes and sills emplaced in the biotitic gneiss and with biotitized salbands at their contacts. The maximum value of 0.0385 per cent uranium was determined in the sample from the pit # 2 (Fig. 4) and fairly increased values relative to the background were assayed in two pegmatite samples collected on the Cranberry Carlo claims, south of the Noranda grid (#s 288493, 288494).

The highest uranium contents in the Huckleberry and Corner Spot claims areas (0.0044 and 0.0032 per cent U) were assayed in samples 288495 and 288496. Some pegmatites in the Cranberry David, Cranberry Carlo, Huckleberry and Corner Spot claims areas contains as much as 10 per cent potassium, but the contents of potassium do not show significant correlations with the uranium contents. The uranium mineralization occurs as cubic to sub-cubic crystals of uraninite (pitchblende), mostly less than 0.5 millimeters across associated with K-feldspar, quartz and/or biotite in the pegmatite. Secondary autunite commonly forms orange halo around the uraninite and locally fills the fractures in the feldspar and/or quartz. Some discolouration and destruction of the biotite lattice have been noted adjacent to uraninite. The uraninite appears to be a primary mineral in the pegmatite as no joint or fracture-controlled mineralization has been observed (Hughes and Walker, 1978).

The higher values obtained from the Cranberry, Cranberry David and Cranberry Carlo claims during previous and recent surveys are associated with relatively small, discontinuous pods of uranium mineralization, mostly less than a decimeter in dimension. The largest mineralized pegmatite body measuring 50 meters along strike and at least 10 meters wide that occurs in the area of pit # 3 (Figs. 4,7) also contains the mineralization in the form of pods and lenses without apparent continuity. The best results of 0.145 and 0.413 per cent uranium reported by Noranda were obtained from samples measuring 8 to 10 centimeters across that were selected from a mass of much less mineralized (up to 0.07 per cent uranium) pegmatite host. However, considering that only small area has been investigated to date, the potential of finding larger uranium, thorium and REE accumulations remains good.

## **19. RECOMMENDATIONS**

The Cranberry Creek Claims have sufficient merit warranting further survey. Though radioactivity detected on the property to date is limited, there are still extensive areas with large number of low and/or high relief outcrops and inferred fault zones that should be tested to obtain more reliable information on the quality and extent of the radioactive mineralization. We recommend the following program to further explore the uranium, thorium and REE potential of the Cranberry Creek Claims. The area to the south of the old grid that covered the former Cran 1-5 and Friday 1-6 claims, previously surveyed by



Noranda and recently sampled at a few locations should be completely covered with ground radiometric, magnetic and electro-magnetic surveys. The Tony and Karen area should be surveyed to the west and southwest of the area covered by the recent work (Fig. 2) and the anomalous band should be accurately delineated. The Corner Spot and Huckleberry areas and the area adjoining them to the southwest should be surveyed and prospected.

The radiometric instrument for the survey should be periodically calibrated and capable of capturing exact count readings for quantitative data acquisition. The magnetometric and electro-magnetic surveys should be conducted concurrently with the radiometric survey. Geological mapping and prospecting for additional mineralized outcrops and lithochemical sampling should also be conducted concurrently with the surveys.

In addition to radiometric surveys and mapping, excavation of those areas with significant radiometric response, where outcrop is covered by thin overburden, and areas with increased potential, should be conducted. Blasting should also be conducted on outcrops with anomalous radioactivity.

## **BUDGET ESTIMATES**

### **Radiometric Survey**

Radiometric, magnetic and electro-magnetic surveys 120 km @ 500/km	\$ 60,000.00
---	--------------

### **Geological Mapping/Prospecting**

The budget estimate (10 man-days):	
Senior geologist (15days @ \$600)	\$ 9,000.00
Assistant (15 days @ 250)	\$ 3,750.00
Assays (200 @ \$20)	\$ 4,000.00
Misc.Rental	\$ 2,100.00
Mileage	\$ 1,970.00
Gas	\$ 1,200.00
Accommodations	\$ 1,500.00
Food (\$40/person/day)	\$ 1,200.00
Miscellaneous	\$ 2,000.00

### **Trenching**

Permitting	\$ 10,000.00
Mobilization	\$ 4,000.00
Rental (100 hours @ \$175/hour)	\$ 17,500.00
Onsite Mobilization	\$ 4,000.00
Geologist (15 days @ \$600/day)	\$ 9,000.00
Assistant (15 days @ \$250/day)	\$ 3,750.00
Assays (100 @ \$20)	\$ 2,000.00
Misc. Rental	\$ 2,100.00
Mileage	\$ 1,970.00
Gas	\$ 1,200.00



Assays	\$ 984.59
Assay Preparation	\$ 200.00*
Accommodation	\$ 331.97
Food	\$ 419.66
Truck Rental (7.5 days @ \$ 80/day)	\$ 600.00*
Mileage (2,301 km @ \$0.69/km)	\$ 1,587.69*
Quad (\$1,200/week)	\$ 600.00*
Gas	\$ 462.61
Miscellaneous	\$ 231.61
Equipment	\$ 116.04
Rental	
(Rock Saw \$110/day @ 5 days)	\$ 550.00*
(Scintillometer \$50/day @ 5 days)	\$ 250.00
(Misc. \$40/day @ 5 days)	\$ 200.00*
Digitizing (2 days @ 250/day)	\$ <u>500.00*</u>
Sub Total	\$12,434.17
GST	\$ <u>674.64</u>
<b>Total</b>	<b>\$13,108.81</b>

\*subject to GST added

#### **Cranberry , Cranberry David and Cranberry Carlo Claims**

Management /Supervision (1 days @ \$500/day)	\$ 500.00*
Field Preparation and Organization (1 days @ 250/day)	\$ 250.00*
Mapping, Radiometric Survey and Sampling	
Geologist 2 days @ \$ 600)	\$ 1,200.00*
Assistant (2 days @ \$ 300)	\$ 600.00*
Assays	\$ 562.62
Assay Preparation	\$ 220.00*
Accommodation	\$ 140.00
Food	\$ 180.00
Truck Rental (5 days @ \$ 80/day)	\$ 400.00*
Mileage (3,711 km @ \$0.69/km)	\$ 662.40*
Quad (\$1,200/week)	\$ 400.00*
Gas	\$ 141.00
Miscellaneous	\$ 281.46
Equipment	\$ 80.00
Rental	
(Rock Saw \$110/day @2 days)	\$ 220.00*
(Scintillometer \$ 50/day @ 2 days)	\$ 100.00
(Misc. \$40/day @ 5 days)	\$ 80.00*

Digitizing (2 days @ 250/day)	\$ 500.00*
Sub Total	\$ 6,517.48
GST	\$ <u>352.27</u>
<b>Sub-total</b>	<b>\$ 6,869.75</b>
<b>Huckleberry and Corner Spot Claims</b>	
Management /Supervision (1 days @ \$500/day)	\$ 500.00*
Field Preparation and Organization (0.5 days @ 500/day)	\$ 250.00*
Staking	\$ 1,000.00*
<b>Mapping, Radiometric Survey and Sampling</b>	
Geologist (1 day @ \$ 600)	\$ 600.00*
Assistant (2days @ \$ 300)	\$ 600.00*
Assays	\$ 246.15
Assay Preparation	\$ 130.00*
Accommodation	\$ 70.00
Food	\$ 90.00
Truck Rental (15 days @ \$ 80/day)	\$ 200.00*
Mileage (3,711 km @ \$0.69/km)	\$ 310.50*
Quad (\$1,200/week)	\$ 200.00*
Gas	\$ 90.00
Miscellaneous	\$ 123.14
Equipment	\$ 50.00
Rental	
(Rock Saw \$110/day @ 1 day)	\$ 110.00*
(Scintillometer \$ 50/day @ 1 day)	\$ 50.00
(Misc. \$40/day @ 1 days)	\$ 40.00*
Digitizing (2 days @ 250/day)	\$ <u>500.00*</u>
Sub Total	\$ 5,159.79
GST	\$ <u>310.84</u>
<b>Sub-total</b>	<b>\$ 5,470.63</b>
<b>Total</b>	<b>\$25,449.19</b>
43-101 Report and Compilation	\$ 4,000.00*
GST	\$ 280.00
<b><u>Grand Total</u></b>	<b><u>\$29,729.19</u></b>

## 22. CERTIFICATE OF QUALIFICATIONS

I, Bohumil (Boris) Molák, Ph.D., P.Geo., do hereby certify that:

1. I am a Professional Geoscientist residing at # 102, 8640 Shaughnessy Street, Vancouver, V6P 3Y3, B.C., Canada.
2. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia (License No. 28600) in good standing.
3. I graduated from the Comenius University, Czechoslovakia, with a Bachelor of Science (Mgr.) Degree in Economic Geology in 1970. From the same university I obtained in 1980 the title Master of Science Degree in Economic Geology (RNDr.) and in 1990 the title Doctor of Philosophy (CSc.). I have practiced my profession continuously since 1970.
4. Since 1970 I have been involved in geological research, prospecting, and exploration for precious, base and other metals, industrial minerals and hydrocarbons in Slovakia, Zambia, Cuba, Guinea, Canada, Chile and Argentina.
5. Since July 31, 2003 until present I am a self-employed consulting geologist.
6. I conducted the exploration work on the Cranberry Creek Claims between July 11 and July 19, 2005.
7. I am the Qualified Person for the purposes of National Instrument 43-101 and am responsible for all sections of this report. The sources of all information not based on personal examination are quoted in the report. The information provided by other parties is to the best of my knowledge and experience correct.
8. As of the date of this Statement I am not aware of any material fact or material change with respect to the subject matter of this report that is not reflected in this report, the omission of which would make the report misleading.
9. I am independent of Whistler Gold Corp. in accordance with the application of Section 1.5 of National Instrument 43-101.
10. I have read National Instrument 43-101, Standards of Disclosure for Mineral Projects and Form 43-101F1, Technical Reports and this report has been prepared in compliance with NI 43-101 and Form 43-101F1 and in conformity with generally accepted Canadian mining industry practice.

Dated at Vancouver, BC, Canada, this 2nd day of September, 2005.  
Amended January 10, 2007

*B. Molak*



September 2, 2005

## APPENDIX I

Sample #	Easting	Northing	Rock type	Cps	Attitude	Width	Type
288451	421619	5633364	Mu-q-sch+fb+qv±lim	20	275/30NE		Cp
288452	421623	5633357	Mu-q-sch+fb+qv±lim	20			Cp
288453	421624	5633357	Mu-q-sch+fb+qv±lim	20			Cp
288454	421645	5633321	Mu-q-sch+fb+qv±lim	20			Cp
288455	421642	5633314	Mu-q-sch+fb+qv±lim	20			Cp
288456	421670	5633286	Mu-q-sch+fb+qv±lim	20			Cp
288457	421667	5633254	Mu-q-sch+fb+qv±lim	46			Cp
288458	421682	5633237	Mu-q-sch+fb+qv±lim	110			Cp
288459	421830	5633056	Mu-q-sch+fb+qv±lim	120			Cp
288460	421843	5633042	Mu-q-sch+fb+qv±lim	220			Cp
288461	421672	5633097	Mu-q-sch+fb+qv±lim	120		0.6 m	Chnl
288462	421603	5633125	Mu-q-sch+fb+qv±lim	110		0.6 m	Chnl
288463	421607	5633123	Mu-q-sch+fb+qv±lim	110		1.0 m	Chnl
288464	421659	5633168	Mu-q-sch+fb+qv±lim	120		0.6 m	Chnl
288465	421627	5633180	Mu-q-sch+fb+qv±lim	120		0.7 m	Chnl
288466	421604	5633168	Mu-q-sch+fb+qv±lim	105	290/24NE		Cp
288467	421596	5633187	Mu-q-sch+fb+qv±lim	250	292/24NE		Cp (p)
288468	421738	5633140	Mu-q-sch+fb+qv±lim	110	300/24NE		Cp
288469	421738	5633140	Mu-q-sch+fb+qv±lim	110	300/24NE		Cp
288470	421742	5633142	Mu-q-sch+fb+qv±lim	120			Cp
288471	421740	5633172	Mu-q-sch+fb+qv±lim	110	320/26NE	25 m	Cp
288472	421721	5633146	Mu-q-sch+fb+qv±lim	110	305/40NE		Cp
288473	421710	5633158	Mu-q-sch+fb+qv±lim	140	285/20NE		Cp
288474	421691	5633182	Mu-q-sch+fb+qv±lim	120			Cp
288475	421640	5633121	Mu-q-sch+fb+qv±lim	110	330/30NE		Cp
288476	421560	5633053	Mu-q-sch+fb+qv±lim	140	290/26NE		Cp
288477	421789	5632914	Mu-q-sch+fb+qv±lim	60	300/22NE		Cp
288478	421825	5632991	Mu-q-sch+fb+qv±lim	20	270/20N		Cp
288479	427262	5623603	Peg	21			Cp
288480	427350	5623627	Peg	25	320/90	12 m	Cp
288481	427341	5623609	Peg	21	345/20W	0.6 m	Cp
288482	427353	5623560	Peg	55	350/24W		Cp (t)
288483	427353	5623560	Peg	55	350/24W		Cp (t)
288484	427331	5623550	Peg + bi	45	360/20W	0.4 m	Cp (t)
288485	427331	5623550	Peg + bi	45	360/20W	0.4 m	Cp (t)
288486	427374	5623629	G + Peg	25	300/24SW	10 m	Cp
288487	427374	5623629	G + Peg	25	300/24SW	10 m	Cp
288488	427423	5623629	G + Gn	20			Cp
288489	427414	5623712	G + Peg	29			Cp
288490	427507	5623719	G/Gn + Peg	25	220/20NW	0.4 m	Cp
288491	427705	5622519	G + Peg	27		7 m	Cp
288492	428461	5621535	Peg + bi Gn	44	Horizontal		Cp



288493	428545	5621491	Peg + bi	59		1.5 m	Cp
288494	428149	5622773	Gn + Peg	24	340/28E	1.2 m	Cp
288495	424636	5628617	Peg	20		0.6 m	Chnl
288496	424636	5628617	Peg	20		0.8 m	Chnl
288497	424070	5627105	Gn + Peg	13	240/20NW	0.1 m	Cp
288498	424617	5627575	Gn + Peg	7	270/35E	1.2 m	Cp
288499	424960	5628019	Peg	13	320/30NE		Cp
288500	421940	5627578	Bi Gn + Peg	12	255/24N	0.25 m	Cp
82401	422112	5627504	Bi Gn + Peg	13			Cp

Mu-q-sch+fb+qv±lim – muscovite-quartz-schist with feldspathic bands, quartz veins limonitization;  
bi G – biotitic gneiss; Gn – granite; Peg – pegmatite; Cp – chip; Chnl - channel; (t) - old trench; (p) – old pit.

**APPENDIX II**

**CRANBERRY CREEK CLAIMS PROPERTY**

**ASSAY CERTIFICATES**

**ROCK SAMPLES, SAMPLE DUPLICATES, STANDARDS AND BLANKS**

September 2, 2005



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501-905 WEST PENDER ST.  
VANCOUVER BC V6C 1L6

Page: 1  
Finalized Date: 31-JUL-2005  
This copy reported on 17-AUG-2005  
Account: VENTIR

## CERTIFICATE VA05059490

Project: KAREN

P.O. No.:

This report is for 28 Rock samples submitted to our lab in Vancouver, BC, Canada on 20-JUL-2005.

The following have access to data associated with this certificate:

RENEE BRICKNER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF05	Trace Level XRF Analysis	XRF
ME-MS82	Complete rare earth package	ICP-MS

To: VENTIR  
ATTN: RENEE BRICKNER  
501-905 WEST PENDER ST.  
VANCOUVER BC V6C 1L6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: \_\_\_\_\_



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Page: 2 - A

Total # Pages: 2 (A - B)

Finalized Date: 31-JUL-2005

Account: VENTIR

Project: KAREN

## CERTIFICATE OF ANALYSIS VA05059490

Sample Description	Method	WEI-21	ME-XRF05	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82
	Analyte	Recvd Wt.	U	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb	Th
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	4	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.5	0.1	0.1	0.1	1
B288451		1.56	6	76.3	2.0	1.2	0.3	2.8	0.4	51.6	0.1	20.5	7.1	2.4	0.3	32
B288452		1.52	<4	55.3	1.4	0.8	0.2	2.3	0.2	37.1	0.1	15.6	5.2	2.0	0.2	24
B288453		1.26	5	144.0	8.0	3.9	0.6	7.6	1.4	82.2	0.3	50.3	15.8	5.3	1.2	32
B288454		0.94	12	478	15.8	7.0	2.0	29.5	2.7	204	0.6	225	59.5	40.8	3.3	156
B288455		1.16	7	256	4.5	2.3	0.7	10.3	0.8	144.0	0.2	88.2	27.7	12.0	1.0	86
B288456		2.52	9	496	7.4	3.4	1.4	24.6	1.1	195.0	0.3	234	63.3	35.3	2.1	153
B288457		1.48	37	4290	51.9	21.1	9.8	249	6.8	1565	1.6	2220	579	371	19.4	>1000
B288458		1.32	17	502	38.2	14.9	1.7	36.2	6.4	268	1.1	191.5	55.4	33.0	6.1	272
B288459		1.82	30	1930	28.5	14.0	4.9	109.5	4.5	729	1.0	1070	267	195.0	8.7	807
B288460		1.92	11	441	8.8	4.0	1.5	19.6	1.4	209	0.4	170.0	49.8	24.0	2.0	291
B288461		0.94	50	4150	56.3	21.8	7.0	212	7.7	1765	1.7	1740	510	285	18.2	>1000
B288462		0.98	13	741	11.0	4.9	1.3	34.2	1.7	359	0.4	282	82.9	43.3	3.0	218
B288463		1.02	77	1975	219	88.2	7.7	160.0	38.9	868	5.7	830	235	139.5	31.6	688
B288464		0.86	39	102.0	11.5	4.2	0.4	6.4	1.9	104.5	0.2	16.7	7.0	2.9	1.6	21
B288465		1.28	63	4660	79.7	26.0	7.8	251	10.6	2040	1.4	1940	566	324	23.1	>1000
B288466		2.30	70	3830	50.5	18.5	5.7	196.5	6.7	1715	1.3	1565	464	258	16.6	>1000
B288467		1.62	111	5440	93.8	30.7	9.5	295	12.4	2500	1.9	2330	651	373	27.1	>1000
B288468		1.78	16	1430	30.8	13.6	2.9	74.0	5.0	633	1.2	601	170.5	94.8	7.4	494
B288469		1.66	17	1255	26.5	12.6	2.6	66.2	4.4	565	1.2	524	149.0	82.8	6.4	455
B288470		2.08	11	831	12.6	5.8	1.5	38.6	1.9	419	0.6	318	93.0	48.2	3.4	269
B288471		2.44	19	1330	20.6	10.1	2.5	65.6	3.3	597	1.0	550	157.0	86.3	5.8	418
B288472		2.68	10	711	12.2	6.2	1.3	30.4	2.0	379	0.6	246	75.3	35.7	2.9	218
B288473		1.60	23	1415	18.8	7.3	2.4	69.9	2.5	643	0.5	586	167.0	92.7	6.0	487
B288474		1.34	17	351	6.3	2.4	0.5	10.0	1.0	331	0.2	59.2	25.4	7.2	1.2	373
B288475		1.32	65	4810	84.6	32.3	9.3	251	12.0	2230	2.5	2040	579	318	23.5	>1000
B288476		1.44	28	2220	35.4	14.8	4.2	113.0	5.2	1005	1.2	938	264	149.5	10.0	833
B288477		2.06	11	472	7.5	3.6	1.2	17.9	1.2	231	0.4	169.5	52.0	20.3	1.8	291
B288478		1.86	7	354	6.2	3.1	1.0	14.4	1.0	177.0	0.3	133.5	40.6	17.0	1.4	175



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Page: 2 - B  
Total # Pages: 2 (A - B)  
Finalized Date: 31-JUL-2005  
Account: VENTIR

Project: KAREN

## CERTIFICATE OF ANALYSIS VA05059490

Sample Description	Method Analyte Units LOR	ME-MS82	ME-MS82	ME-MS82	ME-MS82
		Tm ppm 0.1	U ppm 0.5	Y ppm 0.5	Yb ppm 0.1
B288451		0.1	4.9	11.6	1.2
B288452		0.1	2.8	7.8	0.7
B288453		0.4	4.4	41.0	3.0
B288454		0.8	9.9	71.9	4.7
B288455		0.2	6.2	22.3	1.9
B288456		0.3	8.1	31.2	2.4
B288457		1.9	36.2	178.0	13.0
B288458		1.6	16.2	178.5	9.0
B288459		1.4	28.2	115.0	8.6
B288460		0.4	10.5	38.6	3.0
B288461		2.1	48.5	198.0	13.6
B288462		0.5	11.6	47.1	3.5
B288463		9.2	79.6	>1000	47.7
B288464		0.4	36.3	51.7	2.2
B288465		2.1	60.8	272	12.3
B288466		1.6	70.2	168.5	10.6
B288467		2.6	114.0	313	15.5
B288468		1.4	15.4	131.5	9.2
B288469		1.4	16.1	119.5	9.3
B288470		0.6	10.2	53.7	4.2
B288471		1.1	17.8	91.8	7.4
B288472		0.7	10.8	58.0	4.8
B288473		0.7	24.5	66.8	4.5
B288474		0.2	16.6	26.3	1.6
B288475		3.2	66.6	313	20.0
B288476		1.5	27.2	136.5	9.5
B288477		0.4	9.8	32.6	2.8
B288478		0.3	6.3	27.9	2.4



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Finalized Date: 31-JUL-2005

Account: VENTIR

Project: KAREN

## CERTIFICATE OF ANALYSIS VA05059490

Sample Description	Method Analyte Units LOR	WEI-21	ME-XRF05	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82	ME-MS82
		Recvd Wt. kg	U ppm	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Th ppm
		0.02	4	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.5	0.1	0.1	0.1	1
B288451		1.56	6	76.3	2.0	1.2	0.3	2.8	0.4	51.6	0.1	20.5	7.1	2.4	0.3	32
B288452		1.52	<4	55.3	1.4	0.8	0.2	2.3	0.2	37.1	0.1	15.6	5.2	2.0	0.2	24
B288453		1.26	5	144.0	8.0	3.9	0.6	7.6	1.4	82.2	0.3	50.3	15.8	5.3	1.2	32
B288454		0.94	12	478	15.8	7.0	2.0	29.5	2.7	204	0.6	225	59.5	40.8	3.3	156
B288455		1.16	7	256	4.5	2.3	0.7	10.3	0.8	144.0	0.2	88.2	27.7	12.0	1.0	86
B288456		2.52	9	496	7.4	3.4	1.4	24.6	1.1	195.0	0.3	234	63.3	35.3	2.1	153
B288457		1.48	37	4290	51.9	21.1	9.8	249	6.8	1565	1.6	2220	579	371	19.4	>1000
B288458		1.32	17	502	38.2	14.9	1.7	36.2	6.4	268	1.1	191.5	55.4	33.0	6.1	272
B288459		1.82	30	1930	28.5	14.0	4.9	109.5	4.5	729	1.0	1070	267	195.0	8.7	807
B288460		1.92	11	441	8.8	4.0	1.5	19.6	1.4	209	0.4	170.0	49.8	24.0	2.0	291
B288461		0.94	50	4150	56.3	21.8	7.0	212	7.7	1765	1.7	1740	510	285	18.2	>1000
B288462		0.98	13	741	11.0	4.9	1.3	34.2	1.7	359	0.4	282	82.9	43.3	3.0	218
B288463		1.02	77	1975	219	88.2	7.7	160.0	38.9	868	5.7	830	235	139.5	31.6	688
B288464		0.86	39	102.0	11.5	4.2	0.4	6.4	1.9	104.5	0.2	16.7	7.0	2.9	1.6	21
B288465		1.28	63	4660	79.7	26.0	7.8	251	10.6	2040	1.4	1940	566	324	23.1	>1000
B288466		2.30	70	3830	50.5	18.5	5.7	196.5	6.7	1715	1.3	1565	464	258	16.6	>1000
B288467		1.62	111	5440	93.8	30.7	9.5	295	12.4	2500	1.9	2330	651	373	27.1	>1000
B288468		1.78	16	1430	30.8	13.6	2.9	74.0	5.0	633	1.2	601	170.5	94.8	7.4	494
B288469		1.66	17	1255	26.5	12.6	2.6	66.2	4.4	565	1.2	524	149.0	82.8	6.4	455
B288470		2.08	11	831	12.6	5.8	1.5	38.6	1.9	419	0.6	318	93.0	48.2	3.4	269
B288471		2.44	19	1330	20.6	10.1	2.5	65.6	3.3	597	1.0	550	157.0	86.3	5.8	418
B288472		2.68	10	711	12.2	6.2	1.3	30.4	2.0	379	0.6	246	75.3	35.7	2.9	218
B288473		1.60	23	1415	18.8	7.3	2.4	69.9	2.5	643	0.5	586	167.0	92.7	6.0	487
B288474		1.34	17	351	6.3	2.4	0.5	10.0	1.0	331	0.2	59.2	25.4	7.2	1.2	373
B288475		1.32	65	4810	84.6	32.3	9.3	251	12.0	2230	2.5	2040	579	318	23.5	>1000
B288476		1.44	28	2220	35.4	14.8	4.2	113.0	5.2	1005	1.2	938	264	149.5	10.0	833
B288477		2.06	11	472	7.5	3.6	1.2	17.9	1.2	231	0.4	169.5	52.0	20.3	1.8	291
B288478		1.86	7	354	6.2	3.1	1.0	14.4	1.0	177.0	0.3	133.5	40.6	17.0	1.4	175





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Page: 2 - B

Total # Pages: 2 (A - B)

Finalized Date: 31-JUL-2005

Account: VENTIR

Project: KAREN

## CERTIFICATE OF ANALYSIS VA05059490

Sample Description	Method Analyte Units LOR	ME-MS82	ME-MS82	ME-MS82	ME-MS82
		Tm ppm	U ppm	Y ppm	Yb ppm
		0.1	0.5	0.5	0.1
B288451		0.1	4.9	11.6	1.2
B288452		0.1	2.8	7.8	0.7
B288453		0.4	4.4	41.0	3.0
B288454		0.8	9.9	71.9	4.7
B288455		0.2	6.2	22.3	1.9
B288456		0.3	8.1	31.2	2.4
B288457		1.9	36.2	178.0	13.0
B288458		1.6	16.2	178.5	9.0
B288459		1.4	28.2	115.0	8.6
B288460		0.4	10.5	38.6	3.0
B288461		2.1	48.5	198.0	13.6
B288462		0.5	11.6	47.1	3.5
B288463		9.2	79.6	>1000	47.7
B288464		0.4	36.3	51.7	2.2
B288465		2.1	60.8	272	12.3
B288466		1.6	70.2	168.5	10.6
B288467		2.6	114.0	313	15.5
B288468		1.4	15.4	131.5	9.2
B288469		1.4	16.1	119.5	9.3
B288470		0.6	10.2	53.7	4.2
B288471		1.1	17.8	91.8	7.4
B288472		0.7	10.8	58.0	4.8
B288473		0.7	24.5	66.8	4.5
B288474		0.2	16.6	26.3	1.6
B288475		3.2	66.6	313	20.0
B288476		1.5	27.2	136.5	9.5
B288477		0.4	9.8	32.6	2.8
B288478		0.3	6.3	27.9	2.4



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Account: VENTIR

## QC CERTIFICATE VA05059491

Project: CRANBERRY

P.O. No.:

This report is for 16 Rock samples submitted to our lab in Vancouver, BC, Canada on 20-JUL-2005.

The following have access to data associated with this certificate:

RENEE BRICKNER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF05	Trace Level XRF Analysis	XRF
K-AA82	K - Four Acid / AAS	AAS

To: VENTIR

ATTN: RENEE BRICKNER

501-905 WEST PENDER ST.

VANCOUVER BC V6C 1L6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Total # Pages: 2 (A)  
Finalized Date: 2-AUG-2005  
Account: VENTIR

Project: CRANBERRY

## CERTIFICATE OF ANALYSIS VA05059491

Sample Description	Method Analyte Units LOR	WEI-21	ME-XRF05	K-AA62
		Recvd WL kg	U ppm	K2O %
		0.02	4	0.01
B288479		2.46	7	5.18
B288480		2.16	6	1.93
B288481		2.16	18	8.66
B288482		1.90	25	3.88
B288483		2.16	16	3.46
B288484		1.82	385	5.25
B288485		1.82	50	2.14
B288486		2.40	6	4.61
B288487		1.80	7	3.55
B288488		1.44	6	2.01
B288489		1.86	6	8.09
B288490		1.58	9	5.18
B288491		1.52	5	4.05
B288492		1.62	15	6.71
B288493		2.20	89	9.85
B288494		1.60	60	7.11



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Account: VENTIR

Project: CRANBERRY

## CERTIFICATE OF ANALYSIS VA05059491

Sample Description	Method Analyte Units LOR	WEI-21	ME-XRF05	K-AA62
		Recvd Wt. kg 0.02	U ppm 4	K2O % 0.01
B288479		2.46	7	5.18
B288480		2.16	6	1.93
B288481		2.16	18	8.66
B288482		1.90	25	3.88
B288483		2.16	16	3.46
B288484		1.82	385	5.25
B288485		1.82	50	2.14
B288486		2.40	6	4.61
B288487		1.80	7	3.55
B288488		1.44	6	2.01
B288489		1.86	6	8.09
B288490		1.58	9	5.18
B288491		1.52	5	4.05
B288492		1.62	15	6.71
B288493		2.20	89	9.85
B288494		1.60	60	7.11



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Total # Pages: 2 (A)

Finalized Date: 2-AUG-2005

Account: VENTIR

Project: Jenkins

## QC CERTIFICATE OF ANALYSIS VA05057995

Sample Description	Method Analyte Units LOR	ME-XRF05		K-AA82	
		U ppm 4		K2O % 0.01	
<b>STANDARDS</b>					
STSD-2		22			
STSD-2		21			
Target Range - Lower Bound		13			
Upper Bound		24			
SY-4			1.69		
SY-4			1.68		
Target Range - Lower Bound			1.68		
Upper Bound			1.73		
<b>BLANKS</b>					
BLANK			<0.01		
BLANK		<4			
Target Range - Lower Bound		<4	<0.01		
Upper Bound		8	0.02		
<b>DUPLICATES</b>					
A82401			3.39		
DUP			3.38		
Target Range - Lower Bound			3.28		
Upper Bound			3.49		
B288482		25			
DUP		26			
Target Range - Lower Bound		16			
Upper Bound		35			



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Finalized Date: 2-AUG-2005

This copy reported on 17-AUG-2005

Account: VENTIR

## CERTIFICATE VA05057995

Project: Jenkins

P.O. No.:

This report is for 7 Rock samples submitted to our lab in Vancouver, BC, Canada on 20-JUL-2005.

The following have access to data associated with this certificate:

RENEE BRICKNER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF05	Trace Level XRF Analysis	XRF
K-AA82	K - Four Acid / AAS	AAS

To: VENTIR

ATTN: RENEE BRICKNER

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Project: Jenkins

## CERTIFICATE OF ANALYSIS VA05057995

Sample Description	Method Analyte Units LOR	WEI-21	ME-XRF05	K-AA62
		Recvd WL kg	U ppm	K2O %
		0.02	4	0.01
B288495		1.98	44	
B288496		1.68	32	
B288497		2.04	<4	
B288498		3.10	4	
B288499		3.42	9	
B288500		2.28	9	
A82401		1.96		3.39



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Project: Jenkins

**CERTIFICATE OF ANALYSIS VA05057995**

Sample Description	Method Analyte Units LOR	WEI-21	ME-XRF05	K-AA62
		Recvd WL kg 0.02	U ppm 4	K2O % 0.01
B288495		1.98	44	
B288496		1.68	32	
B288497		2.04	<4	
B288498		3.10	4	
B288499		3.42	9	
B288500		2.28	9	
A82401		1.96		3.39





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Account: VENTIR

Project: Jenkins

**CERTIFICATE OF ANALYSIS VA05065618**

Sample Description	Method Analyte Units LOR	ME-XRF05	K-AA62
		U ppm 4	K2O % 0.01
B288495			6.89
B288496			4.32
B288497			2.71
B288498			8.42
B288499			2.78
B288500 A82401		9	4.66



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Total # Pages: 2 (A)  
Finalized Date: 15-AUG-2005  
Account: VENTIR

Project: Jenkins

**QC CERTIFICATE OF ANALYSIS VA05065618**

Sample Description	Method Analyte Units LOR	ME-XRF05 U ppm 4	K-AA62 K2O % 0,01
<b>STANDARDS</b>			
STSD-2		20	
STSD-2		21	
Target Range - Lower Bound		13	
Upper Bound		24	
SY-4			1,63
SY-4			1,66
Target Range - Lower Bound			1,59
Upper Bound			1,73
<b>BLANKS</b>			
BLANK		<4	
BLANK			<0,01
Target Range - Lower Bound		<4	<0,01
Upper Bound		6	0,02
<b>DUPLICATES</b>			
B288500			4,66
DUP			4,65
Target Range - Lower Bound			4,52
Upper Bound			4,79
A82401		9	
DUP		9	
Target Range - Lower Bound		<4	
Upper Bound		17	

**APPENDIX III**

**CHONDRITE NORMALIZED REE DATA**

REE CHONDRITE NORMALIZATION DATA (after Boynton, 1984)

La_N	Ce_N	Pr_N	Nd_N	Sm_N	Eu_N	Gd_N	Tb_N	Dy_N	Ho_N	Er_N	Tm_N	Yb_N	Lu_N
166.4516	94.43069	58.19672	34.16667	12.30769	4.081633	10.81081	6.329114	6.21118	5.571031	5.714286	3.08642	5.741627	3.10559
119.6774	68.44059	42.62295	26	10.25641	2.721088	8.880309	4.219409	4.347826	2.785515	3.809524	3.08642	3.349282	3.10559
265.1613	178.2178	129.5082	83.83333	27.17949	8.163265	29.34363	25.31646	24.84472	19.49861	18.57143	12.34568	14.35407	9.31677
658.0645	591.5842	487.7049	375	209.2308	27.21088	113.8996	69.62025	49.06832	37.60446	33.33333	24.69136	22.48804	18.63354
464.5161	316.8317	227.0492	147	61.53846	9.52381	39.76834	21.09705	13.97516	11.14206	10.95238	6.17284	9.090909	6.21118
629.0323	613.8614	518.8525	390	181.0256	19.04762	94.98069	44.3038	22.98137	15.32033	16.19048	9.259259	11.48325	9.31677
5048.387	5309.406	4745.902	3700	1902.564	133.3333	961.39	409.2827	161.1801	94.70752	100.4762	58.64198	62.20096	49.68944
864.5161	621.2871	454.0984	319.1667	169.2308	23.12925	139.7683	128.692	118.6335	89.13649	70.95238	49.38272	43.0622	34.16149
2351.613	2388.614	2188.525	1783.333	1000	66.66667	422.7799	183.5443	88.50932	62.67409	66.66667	43.20988	41.14833	31.0559
674.1935	545.7921	408.1967	283.3333	123.0769	20.40816	75.67568	42.19409	27.32919	19.49861	19.04762	12.34568	14.35407	12.42236
5693.548	5136.139	4180.328	2900	1461.538	95.2381	818.5328	383.9662	174.8447	107.2423	103.8095	64.81481	65.07177	52.79503
1158.065	917.0792	679.5082	470	222.0513	17.68707	132.0463	63.29114	34.16149	23.67688	23.33333	15.4321	16.74641	12.42236
2800	2444.307	1926.23	1383.333	715.3846	104.7619	617.7606	666.6667	680.1242	541.7827	420	283.9506	228.2297	177.0186
337.0968	126.2376	57.37705	27.83333	14.87179	5.442177	24.71042	33.75527	35.71429	26.4624	20	12.34568	10.52632	6.21118
6580.645	5767.327	4639.344	3233.333	1661.538	106.1224	969.112	487.3418	247.5155	147.6323	123.8095	64.81481	58.85167	43.47826
5532.258	4740.099	3803.279	2608.333	1323.077	77.55102	758.6873	350.211	156.8323	93.31476	88.09524	49.38272	50.7177	40.37267
8064.516	6732.673	5336.066	3883.333	1912.821	129.2517	1138.996	571.73	291.3043	172.7019	146.1905	80.24691	74.16268	59.00621
2041.935	1769.802	1397.541	1001.667	486.1538	39.45578	285.7143	156.1181	95.65217	69.63788	64.7619	43.20988	44.01914	37.26708
1822.581	1553.218	1221.311	873.3333	424.6154	35.37415	255.5985	135.0211	82.29814	61.28134	60	43.20988	44.49761	37.26708
1351.613	1028.465	762.2951	530	247.1795	20.40816	149.0347	71.72996	39.13043	26.4624	27.61905	18.51852	20.09569	18.63354
1925.806	1646.04	1286.885	916.6667	442.5641	34.01361	253.2819	122.3629	63.97516	45.961	48.09524	33.95062	35.4067	31.0559
1222.581	879.9505	617.2131	410	183.0769	17.68707	117.3745	61.18143	37.8882	27.85515	29.52381	#VALUE!	22.96651	18.63354
2074.194	1751.238	1368.852	976.6667	475.3846	32.65306	269.8842	126.5823	58.38509	34.81894	34.7619	21.60494	21.5311	15.52795
1067.742	434.4059	208.1967	98.66667	36.92308	6.802721	38.61004	25.31646	19.56522	13.92758	11.42857	6.17284	7.655502	6.21118
7193.548	5952.97	4745.902	3400	1630.769	126.5306	969.112	495.7806	262.7329	167.1309	153.8095	98.76543	95.69378	77.63975
3241.935	2747.525	2163.934	1563.333	766.6667	57.14286	436.2934	210.9705	109.9379	72.4234	70.47619	46.2963	45.45455	37.26708
745.1613	584.1584	426.2295	282.5	104.1026	16.32653	69.11197	37.97468	23.29193	16.71309	17.14286	12.34568	13.39713	12.42236
570.9677	438.1188	332.7869	222.5	87.17949	13.60544	55.59846	29.53586	19.25466	13.92758	14.7619	9.259259	11.48325	9.31677

**APPENDIX IV**

**REE CHONDRITE NORMALIZATION PLOTS**



**ALS Chemex**

Prepared for:

**Ventir**

### REE Chondrite Normalization Plots

Rare Earth Element (REE) concentration data is typically ratioed against a standard set, which is representative of the concentrations of the rare earth elements found in chondritic meteorites. This allows easier interpretation of the data by smoothing out fluctuations due to natural abundance variations and exposing those anomalies due to geological processes. The Chondrite reference values used in these plots are listed in the table below (based on N. Nakamura (1974) in *Geochimica et Cosmochimica Acta*, Volume 38, p. 757-775).

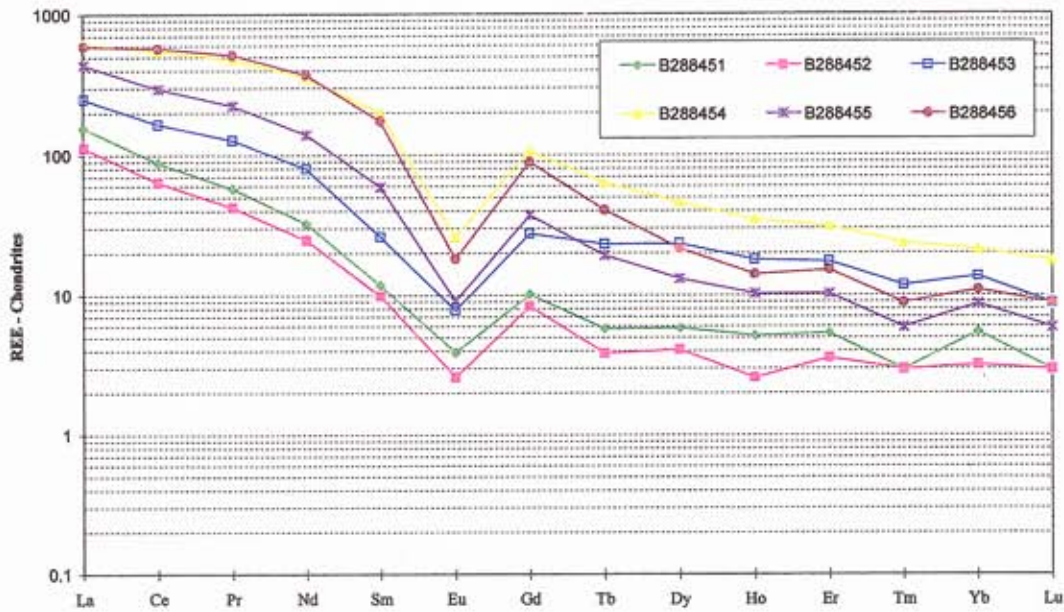
### Chondrite Plot Reference Values

Element	Chondrite Concentration (ppm)
La	0.328
Ce	0.865
Pr	0.123
Nd	0.630
Sm	0.203
Eu	0.077
Gd	0.276
Tb	0.052
Dy	0.343
Ho	0.078
Er	0.225
Tm	0.034
Yb	0.220
Lu	0.034

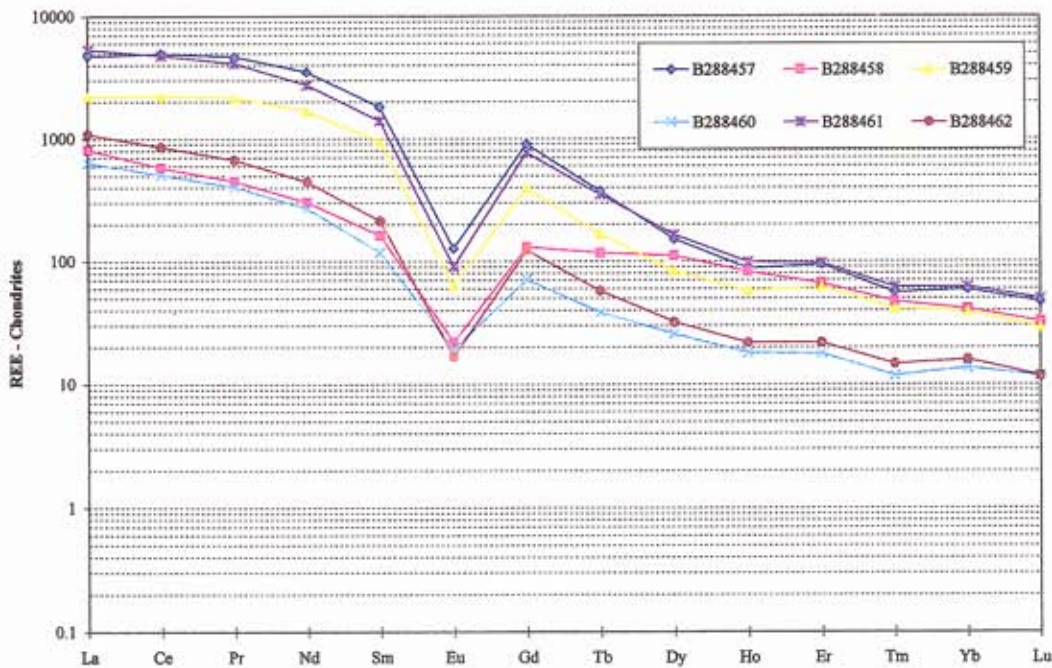




Ventir (VENTIR)  
REE Chondrites Normalization Plot - VA05059490

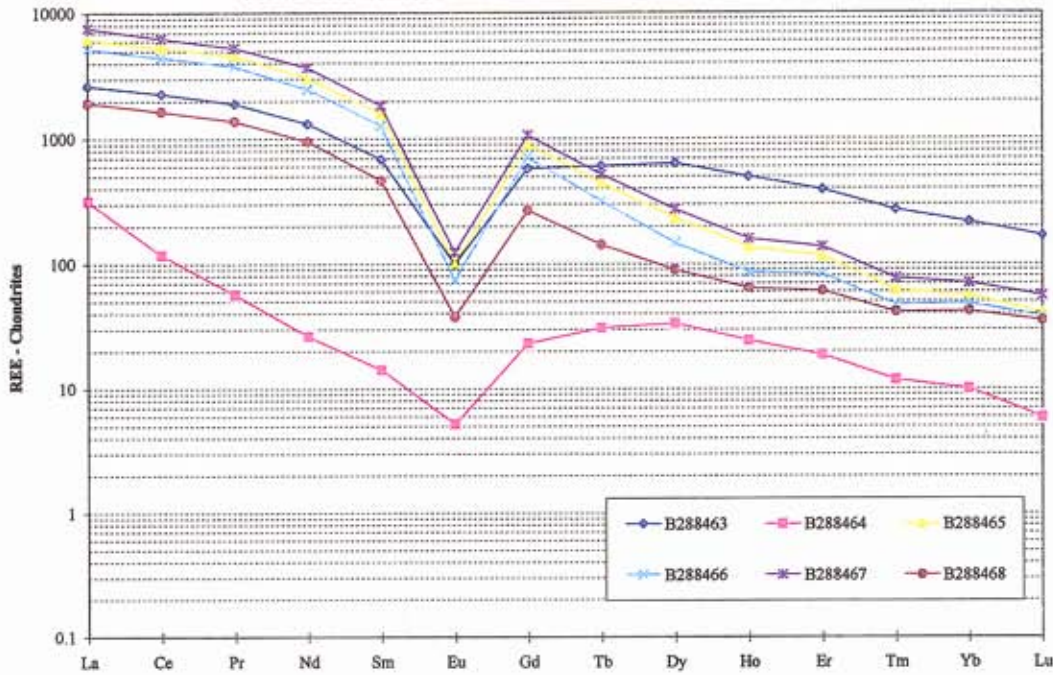


Ventir (VENTIR)  
REE Chondrites Normalization Plot - VA05059490

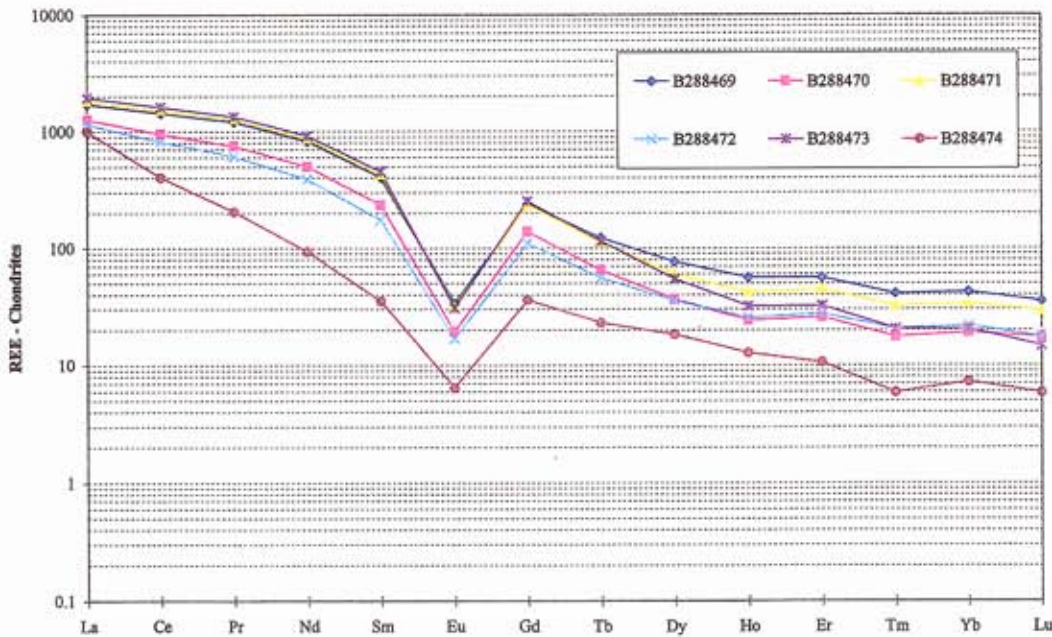




Ventir (VENTIR)  
REE Chondrites Normalization Plot - VA05059490



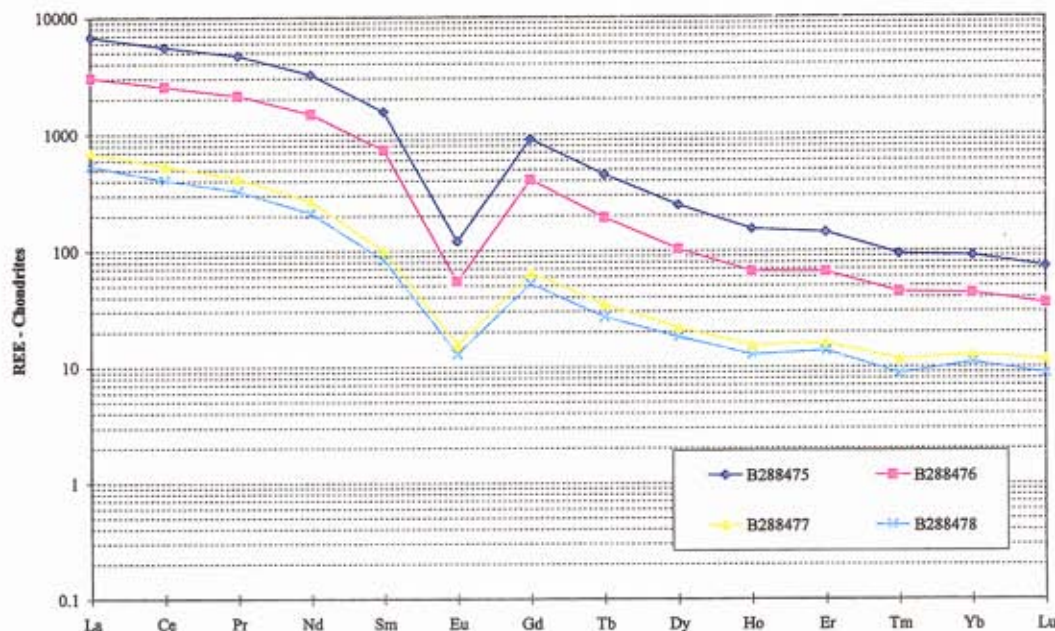
Ventir (VENTIR)  
REE Chondrites Normalization Plot - VA05059490







Ventir (VENTIR)  
REE Chondrites Normalization Plot - VA05059490



Please Note that Element Concentrations Less than the Detection Limit are not plotted on this (these) graph(s).

**APPENDIX V**

**PHOTOGRAPHS OF THE SELECTED SAMPLES SITES**

**APPENDIX V**

**PHOTOGRAPHS OF THE SELECTED SAMPLES SITES**











