# THE YAVA PROPERTY OF SAVANT EXPLORATIONS LIMITED

HACKETT-BACK RIVER GREENSTONE BELT

**MACKENZIE MINING DISTRICT** 

**TERRITORY OF NUNAVUT, CANADA** 

65°36′N, 107°56′W

NTS 76G/12 & 76F/16

# **THE 2007**

HIGH RESOLUTION HELIGEOTEM SURVEY
& PRELIMINARY GROUND FOLLOW – UP USING
ROCK & SOIL GEOCHEMICAL SAMPLING
OVER SELECTED A.E.M. ANOMALIES

**A Technical Report** 

by

Richard Cote, ing. and Christopher Campbell, P. Geo.

February 15, 2008

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## 3.0 SUMMARY

The Yava Property comprises 5,729.9 ha of mineral claims and one mining lease located in the Mackenzie Mining District in the Territory of Nunavut approximately 450 km northeast of Yellowknife between the Hackett and Back Rivers (NTS 76-G-12 at approximately 65°36'N and 107°56'W). Title of the Yava Property is registered 100% in the name of Savant Explorations Ltd and the mining lease is subject to a 10% net profit interest (NPI) held by the estate of S. M. Roscoe. Savant has the option to purchase the 10% NPI at any time for \$1.5 million.

During the period September 5 to 9, 2007, Fugro Airborne Surveys Corp. was contracted by Savant Explorations Ltd to carry out a 851 ln-km high resolution heliGEOTEM airborne survey over the Yava Property with the objective of identifying priority exploration targets with the potential for hosting large volcanogenic massive sulphide (VMS) deposits in an Archean greenstone belt known to contain VMS occurrences regionally along strike to the north & south as well as within the Yava Property proper.

During the period September 15 to 21 2007, on-site initial interpretation of the preliminary heliGEOTEM geophysical survey results by geophysicist C. Campbell identified twenty seven (27) first-order anomalies for immediate ground follow-up investigation including basic geologic mapping and site specific soil & rock geochemical sampling. This report summarizes the findings of a) the heliGEOTEM survey interpretation and b) the initial anomaly-specific field follow up work.

Using helicopter support, co-author R. Cote (vice-president, Savant Explorations Ltd) and J. McClintock (president and CEO, Savant Explorations Ltd), inspected the selected sites in mid September, 2007, therein collecting a total of 54 rock samples and 42 soil samples for subsequent geochemical analyses. Laboratory results of the analytical data indicated approximately 15-20% of the rock & soil samples in proximity to the airborne electromagnetic (AEM) conductors contained anomalous (3 to 4 x background) values in Ag, Cu & Zn with a few attaining % values in Zn and/or Pb. A grab sample from a newly identified sulphide stringer zone at the site of AEM conductor M-3, returned 3.45% Pb, 1.47% Zn, 1.17 gpt Au and 4,960 gpt Ag. Check assaying and a detailed petrographic study of the latter sample confirmed the correctness of the original assay values. The 2007 work program succeeded in identifying a broad grouping of six high priority, previously undetected, conductors distributed within an 8km radius of the Yava VMS zone on the Main Zone Claim Group and adjacent Raptor Lake Claim Group.

Based on the above findings, a diamond drill program is proposed to advance the Yava Property to its next level of appraisal. In addition to the aforementioned six new drill targets, drilling would also look to simultaneously properly assess the significance and immediate size/grade potential of the sub cropping Yava Main Zone where a preliminary resource estimate (non-compliant with NI 43-101) of 1.3Mt of 1.03% Cu, 1.60% Pb, 4.96% Zn, 116.9 gpt Ag and 0.27 gpt Au, was calculated from limited drilling by Brascan Resources Ltd of 1975. This report presents the details of the 2007 target selection, prioritization and proposed anomaly testing by means of a recommended 2,000m, 10 hole diamond drill program at an estimated total cost of Cdn\$1,500,000.

## 4.0 INTRODUCTION AND TERMS OF REFERENCE

## 4.1 General Statement

This National Instrument 43-101 technical report has been written at the request of Jack McClintock, P. Geo., president and C.E.O of Savant Explorations Ltd (herein "Savant") and co-authored by Richard Cote, *ing.*, vice-president of Savant and Christopher Campbell, P.Geo., consulting geophysicist, Intrepid Geophysics Ltd, to provide a summary of the exploration activities and results of the 2007 exploration program on the Yava Project. Both co-authors are Qualified Persons as set out in the National Instrument 43-101 of the Canadian Securities Administration.

The Yava Property held by Savant, constitutes an important land position in the central portion of the prospective Archean Hackett-Back River Greenstone Belt which is known to host a number of base and precious metal VMS deposits. Savant's exploration efforts are focused on effectively appraising the discovery potential for large precious metal rich VMS deposits within this Belt.

## 4.2 Terms of Reference

In early September 2007, Savant contracted Fugro Airborne Surveys Ltd to carry out a high resolution 851 line-km heliGEOTEM airborne survey at 100m line separation over the Yava Property. This survey was completed on September 9, 2007 and preliminary survey data delivered immediately to consulting geophysicist Christopher Campbell of Intrepid Geophysics Ltd for initial review and preliminary anomaly selection. Coauthor R. Cote and Savant's president, J.McClintock, then conducted the follow up field work during the period September 15 to Setember 21, 2007. This work comprised site-specific field investigation (geologic mapping) with helicopter support of the 27 selected conductors chosen previously by C. Campbell. An aggregate of 54 surface rock samples and 42 soil samples were collected by R. Cote and J. McClintock during the follow up work and subsequently assayed for their base and precious metal content.

## 4.3 Purpose of the Report

This report, in compliance with National Instrument 43-101, summarizes the results and interpretation of Savant's 2007 exploration program and presents the new work program proposal generated from the aforementioned 2007 exploration activity over the Yava Property located in the Mackenzie Mining District Territory of Nunavut, Canada.

## 4.4 Source of Information

Sources of information utilized in the preparation of this report consist of exploration geological, geophysical and other reports available in the public record and from private corporate files. Reference to earlier geologic reports and observations, particularly originally reported in "The Yava Property of Pacifica Resources Ltd,

Hackett-back River Greenstone Belt, Mackenzie Mining District, Territory of Nunavut, Canada" by Dr. Robert W. Hodder, 50p.,dated March 19, 2007are clearly identified and/or cited given the specific relevance to a number of chapters in the present report. The compilation and field work completed by Dr. Hodder in 2004 also served to highlight the significance of the original exploration information gathered by the Yava Syndicate of Conwest Exploration Co. Ltd, Brascan Resources Ltd, Western Mines Ltd and S.M. Roscoe from 1973 to 77. Where cited, references are identified in the text by author and date. A complete list of references is provided in Section 23, REFERNCES.

Materials referenced for the geophysical portion of this report have largely been sourced from the comprehensive geophysical report prepared by C. Campbell entitled "Airborne Geophysical Interpretation of the Yava Project, Mackenzie Mining District, Nunavut" dated December 10, 2007and to a lesser extent from Fugro Airborne Survey's Logistics and Processing Report (Job # 07306),dated December, 2007.

At the request of co-author R. Cote, Deputy Mining Recorder, Ms. Rebecca Leighfield and Senior Mining Clerk of the Department of Indian Affairs and Northern Development (INAC), Iqaluit, Nunavut, provided written confirmation on January 28, 2008 that Mining Lease 3175 and the sixteen (16) Mineral Claims (YV-1 to16) are wholly owned and registered with Savant Explorations Ltd.

## 4.5 Extent of Field Involvement

Co-authors R. Cote and C. Campbell as well as Mr. Jack McClintock mobilized from Yellowknife to the project site utilizing temporary lodging arrangements at the nearby Sabina Silver Corp's Hackett River exploration camp on September 15, 2007 with a return to Yellowknife on September 21, 2007 following the completion of the planned field work. A total of five (5) days were spent prioritizing the airborne anomalies (C. Campbell) and executing field visits and sampling (R. Cote and J.McClintock) via helicopter support, over the twenty seven (27) designated sites located at various locations on the four main claim groups including Long Lake, Turnip Lake, Raptor Lake and Main Zone Claim Groups extending over a strike length of approximately 30km.

#### **5.0 DISCLAIMER**

The data in this report is believed to be accurate and reliable. Co-author R. Cote was personally involved in directly gathering the geologic field including those related to the rock and soil sampling work and attests to the correctness and completeness of the data reported herein in the immediate follow up work in the prioritization process of the selected heliGEOTEM anomalies. Similarly, co-author C. Campbell was directly responsible for producing the initial interpretation and anomaly selection and attests to the correctness and completeness of the data reported herein from the preliminary geophysical data provided to him by Fugro Airborne Surveys in the execution of the Yava airborne survey in the first weeks of September, 2007.

Co-author R. Cote has relied on the correctness and completeness of the information requested and received from the Mining Recorder's Office in Iqaluit, confirming the status in good standing of all the Yava Mineral

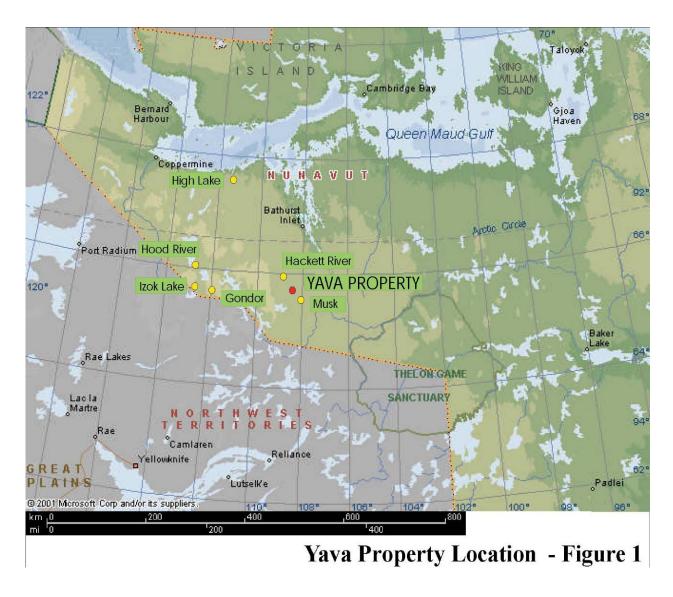
claims (YV1-16) and the Yava Mining Lease 3175 as well as full ownership in favor of Savant Explorations Ltd as specified in writing by Senior Clerk, Brian O'Mara on January 28, 2008.

## **6.0 PROPERTY LOCATION AND DESCRIPTION**

Adopted from Hodder, 2007

## **6.1 General Statement**

The Yava Property is located approximately four hundred and fifty kilometres northeast of the northern city of Yellowknife and is situated between the Hackett and Back Rivers within map sheet NTS 76G/12, 76F/9 and 76F/16, centred at 65'36'N and 107"56'W.(Figure 1). The property is comprised of Mining Lease 3175 (1,281.0 ha) and the 16 mineral claims (YV1-16: totaling 4,448.9 ha) distributed in four groups for an aggregate of 5,729.9 ha located in the Mackenzie Mining District, Territory of Nunavut, Canada (Figure 3).



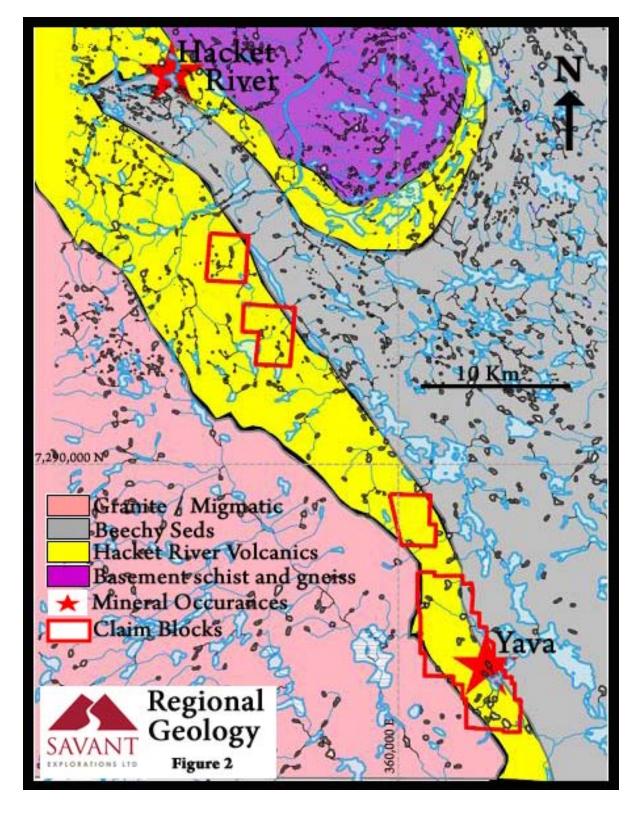


Figure 2: Yava Property and Regional Geology

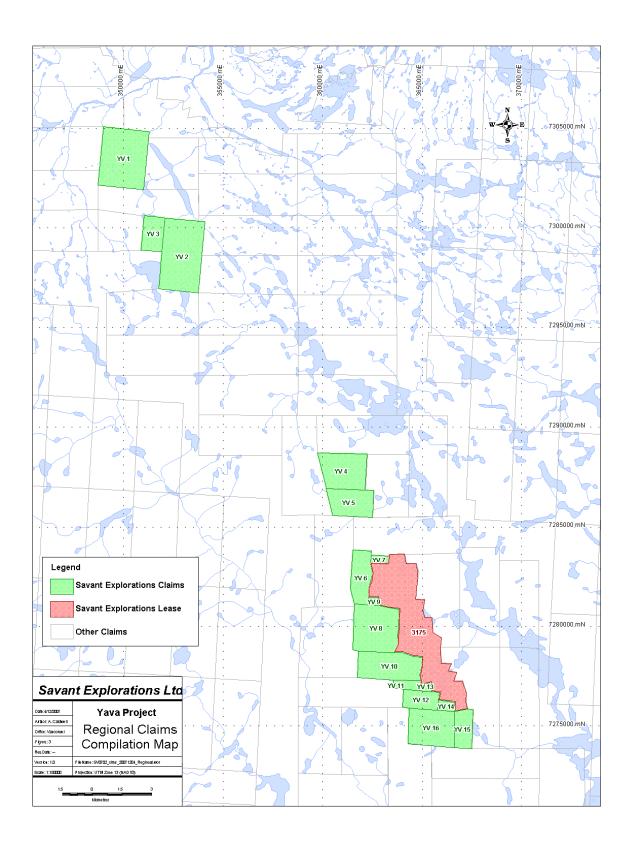


Figure 3. Regional Claims Compilation Map

This mining lease is in good standing until January 20, 2026 and is subject to an annual renewal fee of \$6,326. to maintain it in good standing. Boundaries of the lease have not been officially surveyed. This Lease is subject to a 10% net profit interest (NPI) carried held by the estate of S.M.Roscoe. Savant has the option to purchase 100% of the NPI for \$1.5 million. The 16 claims were staked during two periods, namely October 22, 2004 and November 13, 2004 and require annual assessment credits to keep them in good standing. Government confirmation of acceptance of Savant's submitted assessment credits relating to the latter's 2007 exploration work program was pending at the time of this report. If approved, the claims would be valid until 2014.

Lease and claims were transferred from Expatriate Resources Ltd. to Pacifica Resources Ltd. by the Plan of Arrangement that created Pacifica Resources Ltd. in December 2004.

A subsequent Plan of arrangement saw ownership of the Yava Property transferred 100% to Savant Explorations Ltd in late 2007.

In 2007 exploration of the Yava Property was in accordance with regulations defined by Land Use Permit #N2005C007 issued by Land Administration, Department of Indian and Northern Affairs Canada. This Land Use Permit is valid until June 13, 2008, and authorizes the use and maintenance of campsite and fuel cache and undertake up to 10 drill holes. Application for a subsequent Land Use Permit for the field period 2008-2009 has been submitted to the Land Administration Department in Iqaluit and confirmation of its approval was pending at the time of this report.

Artifacts from past exploration on the property include 10 drill hole collars from the 1974/1975 drilling campaign of the Yava Main Zone and an abandoned, cross-stacked pile of partly preserved AQ drill core in partly legible wooden core trays located at the south end of Yava Lake (6S037'N and 107'53'W).

Adopted from Hodder, 2007

## **6.2 Known Mineralized Zones**

There are four known mineralized zones on the Yava Mining Lease which include the Yava Main Zone, Yava North Zone, Yava Caribou Lake Zone, and Yava South Zone. Only the Yava Main Zone has, in part, been drill tested. The other three zones are essentially prospects, showings of sulphide mineral assemblages found during preliminary work in the 1970's and re- examined in August 2004. There is no quantitative measure of metal abundance for these latter showings.

The **Yava Main Zone** is a tabular shaped body of medium to fine-grained pyrite, pyrrhotite, sphalerite, galena and chalcopyrite with quartz, the principal sulphide portion of which is approximately 250 m long, striking north-northwest, is steeply dipping, and is from 35 m wide in the north to 14 m in the south. It is centered at 7279300N, 364700E. In 1976, Brascan Resources Ltd., operators of the exploration program in 1974 and 1975, (Salaken, 1977), produced a preliminary resource estimate on the basis of several shallow drill holes, of

1.3 Mt grading 1.03% Cu, 1.60% Pb, 4.96% Zn, 106.9 gpt Ag, and 0.3 gpt Au to a projected depth of about 100m. This estimate is not in accordance with NI 43-101 and should not be relied on. Figures 4 and 5, a recent rendition using Brascan's earlier documented data, highlight the Cu, Pb, Zn, Ag & Au drill core intercepts reported respectively in the central cross section of the Zone and the longitudinal section of the mineralization outlined from the 1974/75 drilling.

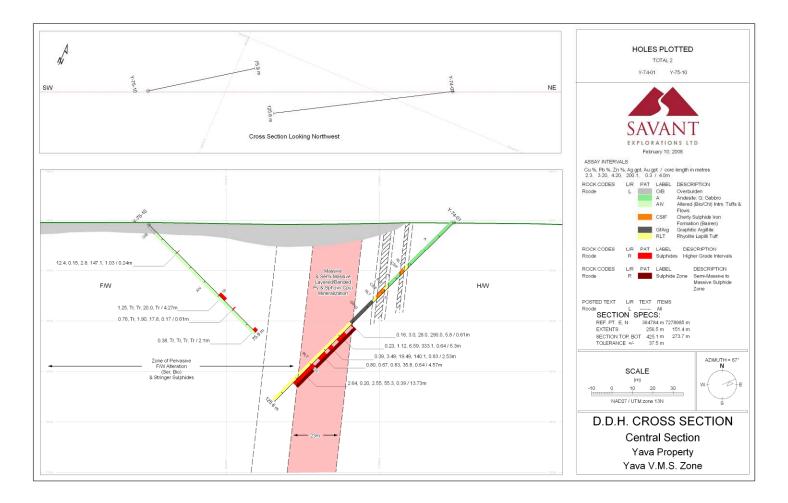


Figure 4

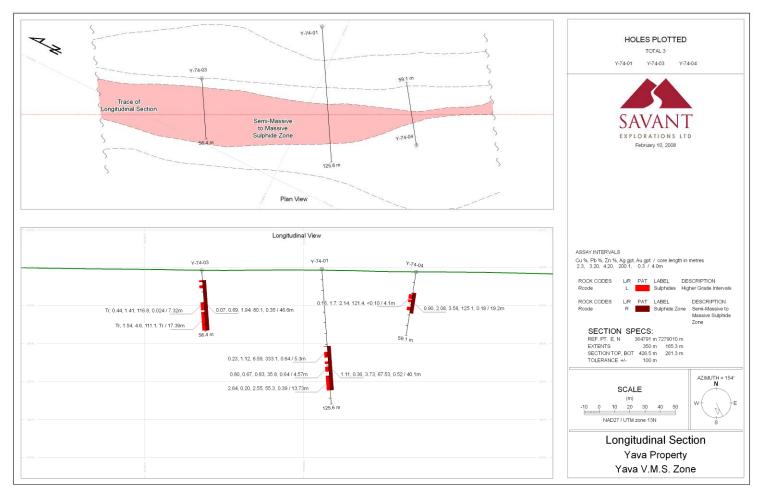


Figure 5

## 7.0 ACCESSIBILITY, CLIMATE, AND PHYSIOGRAPHY

Modified after Hodder, 2007

## 7.1 Accessibility

Access to the Yava Property is by air from Yellowknife. A float-equipped Twin Otter, and smaller aircraft, can land at the 1974 Yava Main Camp (65"34'N, 108°02'W) on a northeast-southwest water-course known as Retort Lake. This is approximately eight km southwest of Yava Main Zone. Before Spring break-up, a wheeled Twin Otter can land on an esker approximately ten km southeast of the 1974 Yava Main Camp. Access to various parts of the Property is by helicopter or on foot. There is no local infrastructure such as roads or electrical power. Local resources are limited to the hospitality and potential cooperative arrangements that might be made with Sabina Silver Corp operating out of their long permitted Camp Lake (Hackett River) exploration camp located about 40km NNW of the Yava Main Zone. The regional government proposed all-weather Bathurst Inlet/Contwoyto Lake road, if constructed and completed by 2011as planned, would cross between the Turnip and Raptor claim Groups, approximately 12km from the Main Yava Zone. Such infrastructure would in

principle, allow for direct trucking of mineral concentrate from a mill site to the proposed ocean port/ Arctic shipping facilities at Bathurst Inlet.

Adopted from Hodder, 2007

## 7.2 Climate

The climate is sub-arctic. Break-up of ice is generally in the last days of June and freeze-up starts in late August. Winter snowstorms are frequent and strong winds are constant for long periods of time. Summers are cool with frequent mist and light rain. During the warmest summer month, July, the mean daily maximum rises to 15°C and during the winter the mean daily minimum falls to -40°C. Freezing temperatures may occur during any month of the year but on average there is a frost-free period of forty to sixty days throughout the region.

Adopted from Hodder, 2007

## 7.3 Physiography

The Yava Property is north of the tree line, in tundra. Vegetation is mostly moss, lichen, and low shrubs. The relief is gentle, varying between 300 and 420 meters above sea level. Rock exposure is abundant except for both linear and saucer-shaped valleys, which are covered with glacial boulders. Shallow to moderately deep lakes are abundant and they too are boulder-filled. There is no matrix of till between boulders. Bedrock below boulders is oxidized, but not glacially striated. This is a result of being on the north edge of the Keewatin Dome of the Laurentide Ice Sheet. Ice spread out from this dome but moved very little within the dome itself. Boulders dropped out of ice of the dome without a matrix of finer-grained till that would have been produced had the ice sheet been moving and grinding along the surface. The boulders hence rest upon bedrock that is not striated by ice movement but instead is weathered by water circulating at the base of the ice sheet. The relevance of this to exploration is that bedrock is not fresh, but is oxidized. This produces iron oxide in gossans (front cover), outcrops that are leached of their primary metal content, and transported geochemical anomalies.

## **8.0 HISTORY AND PREVIOUS WORK**

Modified after Hodder, 2007

## 8.1 General Statement

The Hackett-Back River Greenstone Belt was the subject of increased exploration following the discovery in 1969 of a massive base metal sulphide mineral deposit by Bathurst Norsemines Ltd, which today, after extensive drilling, is at a prefeasibility stage with owner Sabina Silver Corp where a resource estimate of 47Mt grading 134.5 gpt Ag, 0.3 gpt au, 4.67% Zn, 0.32% Cu and 0.68% Pb is reported. (Sabina website)

In 1973, the Geological Survey of Canada reported anomalous values of copper and zinc in lake sediment and water samples from the area now known as Yava Main Zone as a result of a regional lake sediment geochemical survey which also included the central portion of the Hackett-Back River Greenstone Belt. The Yava Syndicate

of Conwest Exploration Co. Ltd, Brascan Resources Ltd., Western Mines Ltd. and S.M. Roscoe staked the area in 1973 and began prospecting in the same year.

In 1974, massive base metal sulphide minerals were intersected by five drill holes in Yava Main Zone. In 1975, the Syndicate completed a regional airborne electromagnetic survey over the entire property using the Kenting Canso system with flight lines at 200 meter intervals.(Salaken, 1976). Ground geophysics and grid mapping were subsequently completed over numerous selected conductors (Brascan's annual project report: Salaken, 1977) but failed to encounter any prospect more attractive than the Yava Main Zone. The property remained dormant until 2004.

In 1979, at the south end of the Hackett-Back River Greenstone Belt, Noranda Inc discovered the Musk volcanic-hosted massive sulphide occurrence. In the 1980's Noranda Inc. drilled this occurrence and reported 415,000 tonnes grading 1.4 g/t Au, 324 g/t Ag, 1.1% Cu, 1.4% Pb, and 9.8% Zn. This estimate is not in accordance with NI 43-101 and should not be relied on.

In 1984, the claims of the Yava Syndicate were reduced, converted to the present mining lease, and consolidated into a 100 % interest held by Boliden Westmin (Canada) Limited, subject to a 10 % interest carried to production. This interest is retained by the estate of S. M. Roscoe.

In 2001 Boliden Westmin (Canada) Limited sold their 100% interest in the Yava Mining Lease to Expatriate Resources Ltd., subject to the 10% interest retained by the estate of S. M. Roscoe.

In 2004 Strongbow Exploration Inc optioned the Musk Property from Noranda but relinquished their option in 2005 after completing their exploration programs.

In August 2004, consulting geologist Robert W. Hodder was mandated by Expatriate Resources too update the geologic map at a scale of 1/5,000 and geologic interpretation in the main portion of the Yava Property, namely that portion of the volcanic stratigraphy underlying the Mining Lease and adjacent Main Zone Claim Group. The majority of the entries in sections 9, 10 and 11 in this report are derived from the findings of the aforementioned field work by Dr. Hodder in 2004. Concurrent with the mapping, Expatriate carried out ground surveys including University of Toronto electromagnetic (UTEM: time–domain) and horizontal loop electromagnetic (HLEM: frequency-domain) grid surveys over approximately 1,200ha of area centred over the Yava sulphide deposit, extending for several km in both strike directions away from the deposit in the hopes of identifying new drill targets. Two moderate, somewhat isolated conductors labeled "C" and "D" located about 2km SE of the Yava Zone were recognized as deserving further investigation. At this time, additional mineral claims were stakes by Expatriate Resources Ltd on the southwest side of the Yava Mining Lease and along strike to northwest and southeast. Lease and claims were transferred from Expatriate Resources Ltd. to Pacifica Resources Ltd. in the Plan of Arrangement that created Pacifica Resources Ltd., December 2004. No further work was carried out on the concessions prior to September 2007.

In 2007, Pacifica Resources Ltd, in the Plan of Arrangement, transferred 100% of its ownership in the Yava Claims and Mining Lease to Savant Explorations Ltd.

In September, 2007, Savant Explorations Ltd carried out its exploration program on the Yava Property, the results of which are documented in the present report.

## 9.0 GEOLOGICAL SETTING

Adopted from Hodder, 2007

## 9.1 Regional Geology

The Yava Property is mid-way along the 200km length of the Hackett River-Back River Greenstone Belt, the most easterly belt of the Archean Slave craton. The Greenstone Belt is a volcanic arc attributed to subduction of oceanic crust and subsequent collision with the Central Slave Basement Complex. The sedimentary-dominated Contwoyto terrane, between the Central Slave Basement Complex and the Hackett River-Back River Greenstone Belt, is interpreted as an accretionary complex (Bank et al, 2000). This tectonic setting, the rock types, and metal assemblage place Yava Main Zone, and other base metal occurrences of the belt, within the bimodal-siliciclastic type of volcanogenic massive sulphide deposits as described by Barrie and Hannington (1999).

Adopted from Hodder, 2007

## 9.2 Local Geology

The Yava Property is captured within geology map sheet 76-G-12, Agicola Lake (Padgham et al, 1975, 1:31680). This map sites the Yava Main Zone sulphide occurrence near the top of steep, east-facing, felsic volcanic rocks that overlie mafic to intermediate volcanic rocks, another layer of felsic rocks, and in turn granitoid and gneissic basement (Figure 5). Volcanic rocks of the Property are described as the Hackett River Group of the Archean Yellowknife Supergroup. They are disconformably overlain by mudstone, greywacke, graphitic shale, and iron formation of the Beechey Lake Group, Yellowknife Supergroup. Together Hackett River and Beechey Lake Groups constitute the Hackett River segment of the greenstone belt, a northwest-trending, northeast-facing homocline, 200 km long of subaqueous calc-alkaline volcanic rocks up to 8 km thick, and an unmeasured thickness of tightly folded overlying sedimentary rocks (Frith and Percival, 1978).

The upper most formation of the Hackett River Group has been divided by Frith and Percival (1978) into four members of mixed andesite and rhyolite flows and fragmental rocks. Each member is capped by sulphide-rich felsic volcanic rock and chemical sedimentary rock. Yava Main Zone is part of this uppermost member and is an aggregate of several siliceous sulphidic horizons on top of pillowed and hyaloclastic andesite. It is overlain by relatively massive rhyolite. Yava Main Zone is 50 to 200 m stratigraphically below a sub-volcanic rhyolite sill at the top of the Hackett River Group. There are sulphide-bearing fractures and pillow margins in the andesite footwall to Yava Main Zone and its thinner extensions to north and south. Arcuate synvolcanic faults traverse at least the upper two formations of Hackett River Group at each end and within Yava Main Zone. These faults appear to limit strike length of the sub-volcanic rhyolite sill. Discordant sulphide occurrences are within these faults, specifically along Crooked Valley fault in the north and Divide Creek fault in the middle of the mining lease.

## **10.0 DEPOSIT TYPES**

Adopted from Hodder, 2007

#### 10.1 General Statement

The Yava Main Zone is massive to layered base metal sulphide minerals. It is a thick part of an extensive horizon of iron and silica-rich chemical sedimentary rock stratabound between a footwall of calacalkaine andesite and basaltic andesite, and a hanging wall of rhyolite. The volcanic host rocks, the Hackett River Group, are overlain by the siliciclastic sedimentary rocks of the Beechey Lake Group. The base metal sulphide minerals of Yava Main Zone, in order of abundance, are sphalerite, galena, and chalcopyrite. Base metals are accompanied by appreciable silver, probably in argentiferous galena. There is a minor gold content, probably in arsenical pyrite. These characteristics define Yava Main Zone as a volcanogenic base metal sulphide occurrence within a bimodal volcanic-siliciclastic sedimentary rock succession (Barrie and Hannington, 1999). Iron formation-hosted gold occurrences have been described from within the Beechey Lake Group of siliciclastic sedimentary rocks east of Yava Main Zone, and from within volcanic rocks of the Hackett River Group, and at Yava South Zone, south of Aitch Lake (Salaken, 1975, 1976).

Adopted from Hodder, 2007

## 10.2 Base Metal Massive Sulphide Deposits

Volcanogenic massive sulphide deposits hosted by a succession of bimodal volcanic rocks associated with siliciclastic sedimentary rocks include the largest examples of such deposits, the most lead-rich, those in the upper quartile of zinc content, the most silver-rich, and the least copper-bearing (Barrie and Hannington, 1999). Most known deposits of this type have a preferred stratigraphic position, and are local thickenings in regionally extensive sheets of chemical sedimentary rocks within and near the top of the volcanic rock succession. The sites of exhalation (modern day analogies: oceanic "black smokers" and "white smokers") are commonly faults and fractures that also focus outpouring, sub-seafloor replacement by sulphides in the volcanic assemblage and sub-volcanic intrusions of felsic magma late in the history of volcanic activity.

The geologic guides to ore are the aforementioned preferred stratigraphic position, concentration in fault-bounded basins, and proximity to late felsic flows and intrusions. Base metal massive sulphide bodies are generally conductive to electricity and hence detectable by electromagnetic techniques. They generally have magnetic pyrrhotite or magnetite in their mineral assemblages and hence can be defined by magnetic techniques. Their mass and density, both greater than that of their host rocks, make them amenable to gravity surveys if the sulphide masses are sufficiently large in size.

## **10.3 Iron Formation-Hosted Gold Deposits**

Salaken (1975, 1976) makes reference to gold in oxide facies iron formation within clastic sedimentary rocks of the Beechey Lake Group. The Beechey Lake Group outcrops along the east side of the Yava Mining Lease and east of volcanic rocks of Hackett River Group that host base metal massive sulphide occurrences. No traverses during the current field work extended far enough into Beechey Lake Group for observation of these potentially auriferous iron formations.

Salaken (1976) also noted anomalous gold in sulphide facies iron formation within rhyolite of Yava South Zone, south of Aitch Lake. This type of gold occurrence was examined briefly. It consists of thin laminations of pyrite with quartz and iron carbonate minerals. Strike lengths average 100 m and widths 5 m. Salaken (1976) noted these pyritic laminations were conductive anomalies in a 1975 airborne electromagnetic survey by Brascan. Samples are reported to have assayed 152 times background for gold (Salaken, 1976).

Gold in iron formation, particularly in Archean and Proterozoic oxide and sulphide facies iron formation, is a well documented type of deposit. Because magnetite is the common iron mineral in oxide facies iron formation, these iron formations are magnetic and can be found by magnetometer. Where pyrite or pyrrhotite dominate, and the iron formation is hence sulphidic and sulphide facies, they tend to be conductive and locatable by electromagnetic techniques. Once found the iron formations can be exposed by stripping or trenching, or drilled, and carefully sampled for gold. No time was devoted by Savant personnel to evaluating even in a preliminary fashion, the geologic/metallogenic features of this style of mineralization during the course of the 2007 field work.

## 11.0 MINERALIZATION

Adopted from Hodder, 2007

## 11.1 General Statement

The base and precious metals in massive, layered, and dispersed sphalerite, galena, and chalcopyrite with pyrite and pyrrhotite in the Yava Main Zone have been the focus of much of the previous exploration work on the property. Other prospects of base metal sulphide minerals that suggest some strataform/stratabound style are reported at the Yava Caribou Lake Zone and, there are also base metal sulphide prospects that are discordant with their enveloping volcanic rocks as at the Yava North Zone. There are also prospects with gold in iron formation. Gold in oxide facies iron formation was noted by Salaken (1976) within siliciclastic rock of the Beechey Lake Group to the east of volcanic rocks and the aforementioned base metal sulphide occurrences hosted by volcanic rocks of the Hackett River Group. These gold occurrences were not examined during the current work. Gold in sulphide facies iron formation south of Aitch Lake, Yava South Zone, was referenced by Salaken (1975, 1976).

Adopted from Hodder, 2007

## 11.2 Stratabound and Strataform Base and Precious Metals in Yava Main Zone

Salaken (1974, 1975) describes Yava Main Zone in two parts:

- 1) A tabular body of massive and layered pyrite, sphalerite, galena, and chalcopyrite with intervening layers of quartz in a gossanous area about 150m in length and 10 to 35m wide as encountered in drill holes 74-1, 74-3 and 74-4 to a maximum tested depth of about 80m below surface. (Figure 4).
- 2) A stringer zone that is footwall to the massive and layered sulphide body, at least 300m in strike length (limited drilling precludes proper delineation) and of unspecified width (limited drilling precludes proper delineated). This is intersected in drill holes 74-5, Y-75-7 and Y-75-10 (Figure 4). Co-author R. Cote examined stringer

sulphide style mineralization in the poorly preserved drill core from holes Y-75-10 and Y-75-11 (core box tags still partly discernable) amongst the pile of partly emptied, cross stacked core trays at the south end of Yava Lake.

Adopted from Hodder, 2007

## 11.3 Discordant Base Metal Occurrences

There are discordant occurrences of pyrite, sphalerite, and chalcopyrite on the Yava Property, besides the previously noted stockwork of veinlets on fractures in the footwall to Yava Main Zone. The most extensive discordant occurrence is in outcrops along 7280650N, in Crooked Valley of Yava North Zone, where pyrite and chalcopyrite occupy pillow selvages and inter-pillow spaces through a 350 m thickness of andesite (Figure 4). Crooked Creek appears to follow a fault, or faults. A grab sample in August 2004 from a trench 25 m long and one m deep along line 2800N assayed 0.17gptt Au, 3,454.2 gpt Ag, 0.005% Cu, 0.097% Pb, and 0.011% Zn. There is also a discordant sulphide occurrence at Divide Creek. This is pyrite, pyrrhotite, and chalcopyrite on fractures within feldspar-destructive alteration of a discordant rhyolite.

A new Pb/Zn/Ag stringer zone identified during the 2007 work program, is located 650m south of the Yava North Zone where a grab sample returned an assay 1.2 gpt Au, 4,960 gpt Ag, 3.5% Pb and 1.5% Zn as described in greater detail in section **12.3.2** of this report

## 12.0 EXPLORATION

## 12.1 General Statement

Results of the earlier exploration work on the Yava Property have largely been summarized under Chapter 8 of this report. The Yava Syndicate's early stage discovery and limited shallow drilling of the VMS Yava Zone in 1974/75 prompted a larger exploration effort including the flying of a regional AEM Kenting survey along approximately 35 km strike length of favorable volcanic stratigraphy, followed by grid mapping and ground geophysics over numerous selected anomalies. Curiously and despite the high frequency of the reported presence of felsic volcanic in association with interpreted synvolcanic style sulphide mineralization, only four short, very widely spaced drill holes were completed along this 35 km strike length of prospective volcanic stratigraphy away from the known Yava Zone.

Following a 29 year exploration hiatus from 1975 to 2004, Expatriate Resources in 2004 re-evaluated the Main Zone Claim Group by way of a re-assessment/re-interpretation of the volcanological/metallogenic features of the Yava sulphide Zone and surrounding area which also included the use of deeper penetrating ground EM geophysics relative to the 1975 survey data. The findings from the 2004 exploration work served specifically to guide Savant's exploration efforts over the Main Zone Claim Group during the course of its 2007 exploration program described below.

## 12.2 The 2007 HeliGEOTEM Airborne Electromagnetic and Magnetic Survey

Adopted from Campbell 2007

## 12.2.1 General Statement

The Archean Hackett-Back River greenstone belt is comprised of generally steeply dipping volcanic units which locally host banded to massive sulphide minerals such as on the Yava Main Zone claims. A Kenting frequency-domain airborne survey flown in 1975 defined a conductor that was interpreted as having significant width (up to 20m) with an estimated depth to the top of the conductor of 20m on the Yava Main Zone. The results of this analogue survey, albeit with relatively poor locational accuracy by today's standards, suggested that follow-up electromagnetic surveying should be at least technically successful in confirming the position of the 1975 anomalies and perhaps identifying deeper, more subtle targets. It was determined a detailed helicopterborne survey deploying current time-domain EM technology could be done quickly and efficiently, have minimal environmental impact and would provide geophysically deeper penetration. Accordingly, a high-resolution airborne time-domain electromagnetic and magnetic survey was commissioned in order to provide a comprehensive property wide survey; the objective was to assist that season's late program of prospecting to identify new massive sulphide targets on the Yava Property, largely to the north of the existing mineral occurrences already identified on the Main Zone claims. A helicopter-borne system flying close-spaced lines was chosen in order to provide optimum spatial resolution and relatively low-altitude clearances.

This survey was flown by Fugro Airborne Surveys using the HELIGEOTEM system. Survey operations took place from September 5 to September 9, 2007 and acquired 851 line-kilometres of data. Digital databases of the electromagnetic and magnetic data were transmitted routinely via FTP to Intrepid Geophysics Ltd for an independent review and quality assurance and quality control. The aircraft used was an Aerospatiale AStar AS-350 B2. Traverse line spacing was 100m with an azimuth of 60/240 degrees and a tie-line spacing of 1000m. Production was hampered by three days of bad weather and overall, daily production rate achieved was 170.26 km.

## 12.2.2 Discussion of Geophysical Results

A comparison of the HeliGeotem response to previously known showings was carried out, and a profile by profile review of the HeliGeotem data was completed; several strong conductors have been identified and tabulated further investigation on all four survey blocks. Of particular interest and as shown in Table 1, a number of new AEM conductors were identified in each of the four survey areas previously covered with the earlier Kenting System.

Conductivity/thickness parameters, depth to source and other related conductor characteristics were determined using the EM-Q Modeling moment data software program as employed by Fugro Airborne Surveys and as referenced in this report. Enhancement filters applied to the magnetics have highlighted a number of dominant structural orientations and trends. Interpretation of this data over the Yava property has identified a number of regionally significant structures that define the gross structural architecture of the area; a pattern of linears believed to be arising from the basement rocks are mapped. Figures 6 to 8 document the location of the flight lines for the four separate survey blocks while Figures 9 to 12 display the signature of the total magnetic intensity registered over these same four survey blocks including respectively the Long Lake, Turnip Lake, Raptor Lake and the Main Zone/Mining Lease Claim Groups. Enhancement filters applied to the magnetic grid have highlighted a number of dominant structural orientations and trends as noted in Figures 13 to 16. These latter Figures also identify those conductors which were selected by Co-author C. Campbell for field follow up. Table I lists and categorizes all of the selected heliGeotem conductors based on their apparent conductivity, interpreted strike length and nature of their magnetic association. The additional columns which assign the related geologic attributes have been provided by co-author R. Cote. The sum of these attributes allow an

overall rating of the exploration significance of the AEM conductors in this table. This Table readily reveals that the strong majority of priority targets lie within the Main Zone Claim Group and the adjacent Raptor Claim Group.

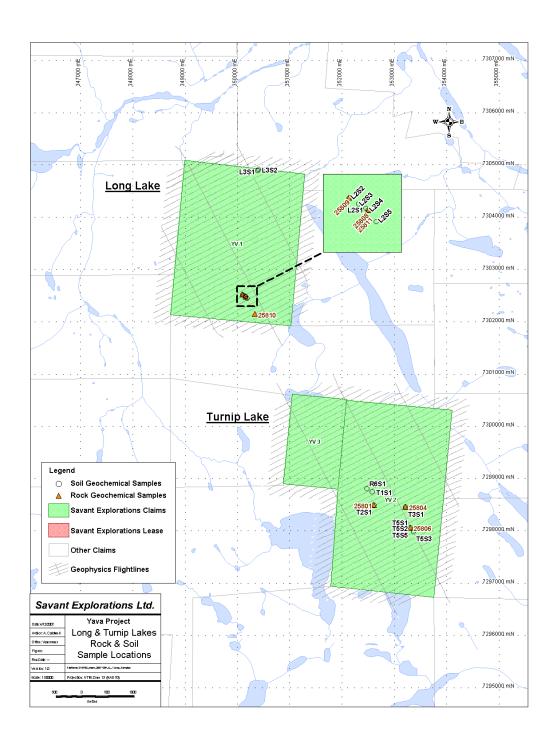


Figure 6. Flight line Location: Long Lake & Turnip Lake Claim Groups

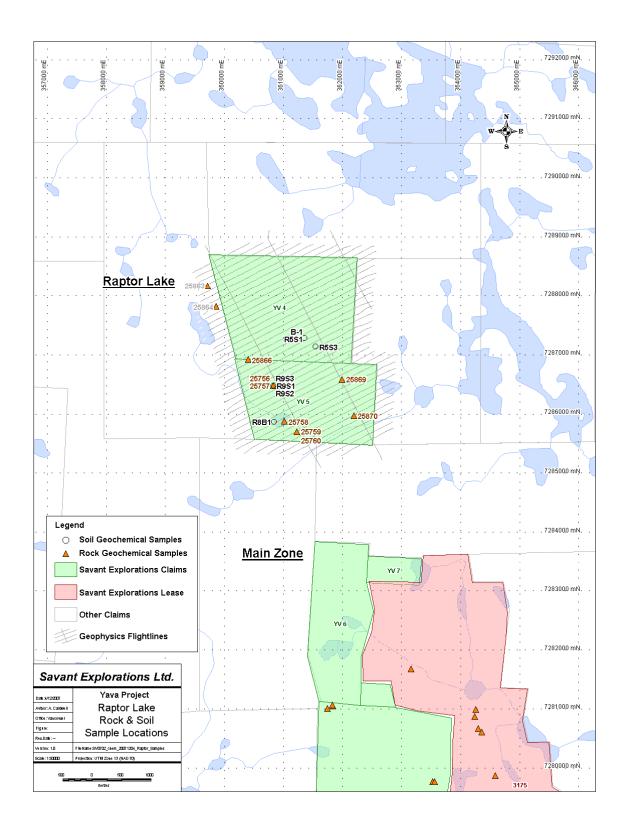


Figure 7: Flight line Location Plan: Raptor Claim Group

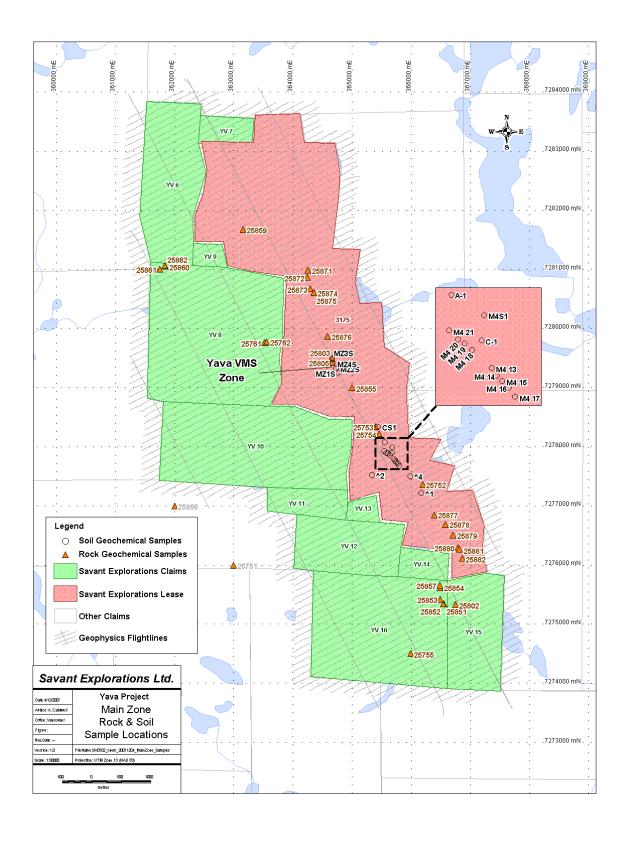


Figure 8. Flight line Location Plan: Yava Main Zone & Lease Group

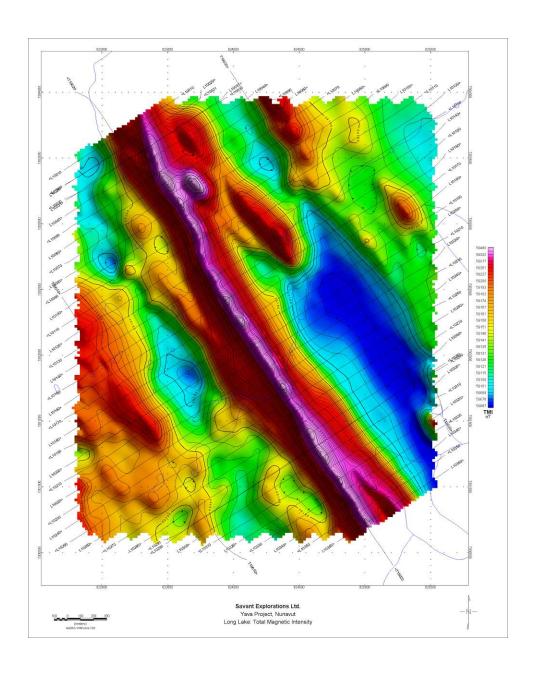


Figure 9. Total Magnetic Intensity – Long Lake Claim Group

The final total magnetic intensity has been corrected for parallax and diurnal; the IGRF correction applied with a constant added back, and then tie-line leveled and gridded using an Akima spline algorithm. The data was gridded and is imaged using a 25 m cell size, one-quarter of the nominal traverse line spacing.

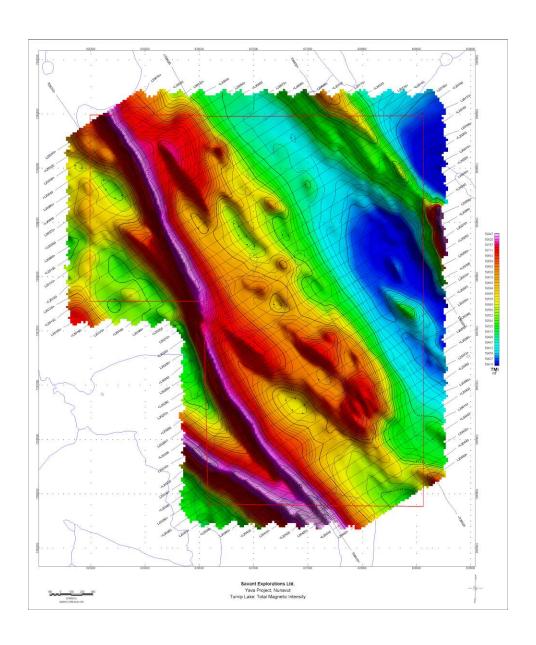


Figure 10. Total Magnetic Intensity – Turnip Lake Claim Group

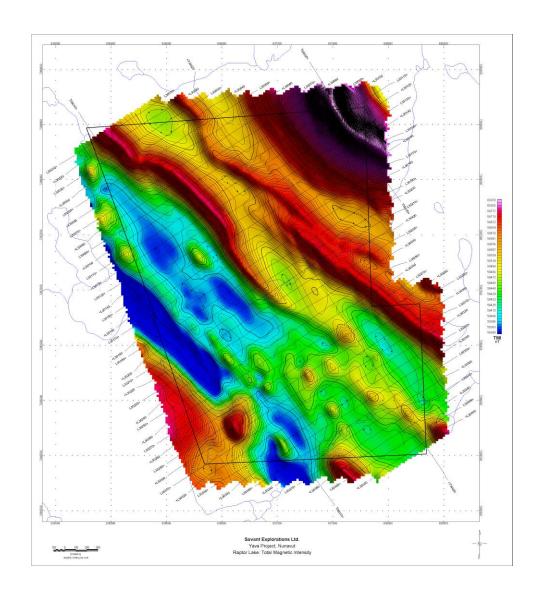


Figure 11. Total Magnetic Intensity – Raptor Lake Claim Group

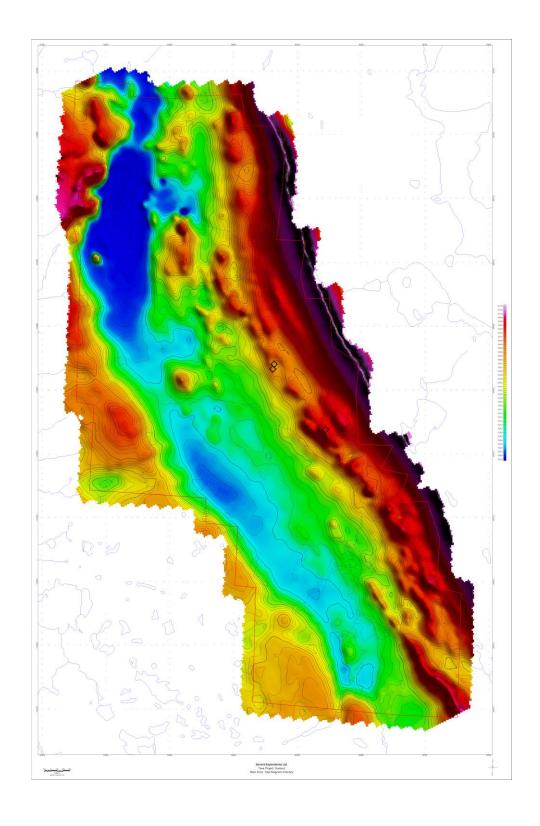


Figure 12. Total Magnetic Intensity – Main Zone Claim Group

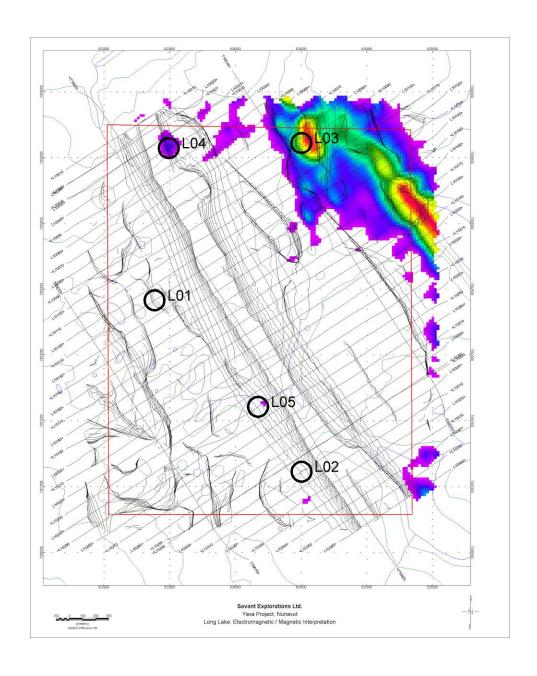


Figure 13. Electromagnetic / Magnetic Interpretation – Long Lake Claim Group

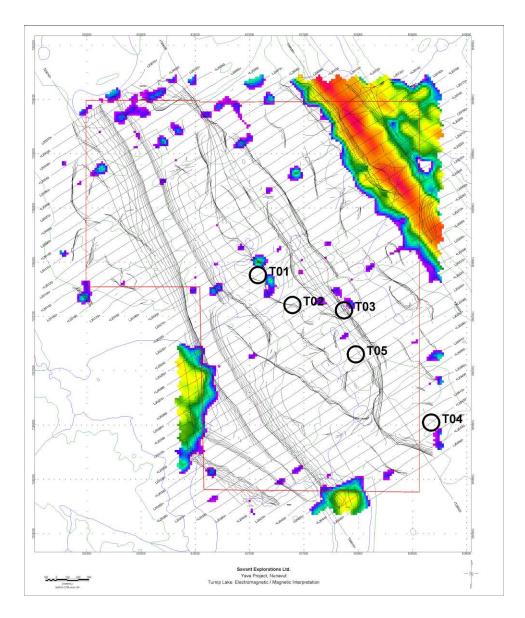


Figure 14. Electromagnetic / Magnetic Interpretation – Turnip Lake Claim Group

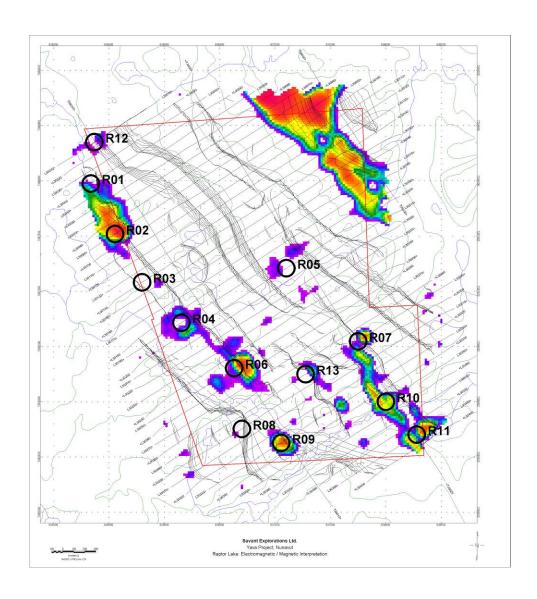


Figure 15. Electromagnetic / Magnetic Interpretation – Raptor Lake Claim Group

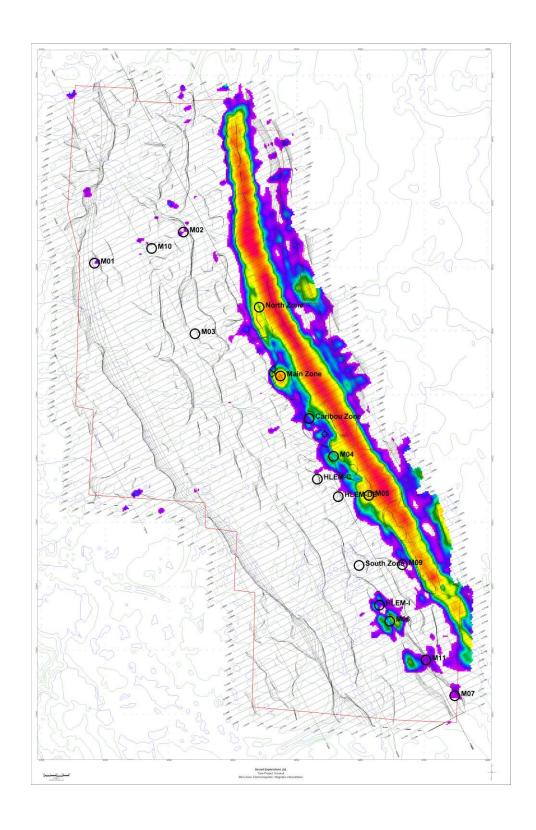


Figure 16. Electromagnetic / Magnetic Interpretation – Main Zone Claim Group

			TABLI	E1: List of	Priority Yava	Drill Targets a	after Initial Ev	aluation		
Geotem Conductor	Claim Group	Conductor Strength	Apparent Conductivity	Mag assoc.	Strike Length (m)	EMQ modeled	Detected by Kenting	Rock Geochem (1975 or 2007) (PPM)	Host Rock	Priority
		0.	(mS)*			ng Lake Claim	Survey	, , ,		
						ig Luke Cluiii	Стоир		gossanous Qtz-eye rhyolite:	
L-2	Long Lake	weak, broad	0.000	marginal	300		No	As:114;Mo:5/no Na depl.	massive & fragmental	low
L-3	Long Lake	strong	0.058	direct	300		Yes	N.S. V.	arenaceous seds	v. low
		weak-			Tur	nip Lake Claim	Group		Py bearing Rhyolite	conting. on
T-1	Turnip Lake	moderate	0.000	direct	350		Yes	Soils: Cu:102;Mo:5	Fragmental	T-2
		moderate-		flanking		Yes: 0.77		, , , , , , , , , , , , , , , , , , , ,	Qtz-eye felsic frag./3m Py-	
T-2	Turnip Lake	strong	0.000	high	300	S/m, surface	Yes	Ag: 5.2/ Na Depletion	Po/mafic volc.	mod.high
T-3	Turnip Lake	weak- moderate	0.000	flanking gradient	400	Yes: 0.76 S/m, surface	Yes	Zn: 304	Py/Po bearing rhyolite Bx & mafic tuffs	moderate
	runnp take	moderate	0.000	saddle	400	3/11, 3411400	103	211. 304		moderate
				between					Py/Po in rhyolite frag. & mafic tuffs	conting. on T
T-5	Turnip Lake	weak	0.000	highs	200			Mo: 11.5/No Na depletion	tuns	3
		weak-		flanking	Кар	tor Lake Claim	Group			
R-1	Raptor Lake	moderate	0.012	high	300		Yes	Mo: 19.2/ Na depletion	No direct outcrop & off property	none
		moderate-		mod. NW-						
R-2	Raptor Lake	strong	0.048	trend high	375		Yes	As:72.7/ Na depletion	S.M.Py in cherty exhalite	none
R-3	Raptor Lake	weak	0.004	flanking high	150		No	No outcrop	No outcrop	none
R-4	Raptor Lake	moderate	0.004	saddle	275		Yes		Str. Sulphide in cherty exhalite	
		weak-		weak,				,	,	
R-5	Raptor Lake	moderate	0.005	indirect	500		Yes	No outcrop	No outcrop	low
R-6	Raptor Lake	strong	0.018	no direct	450	Yes: 0.87s/m, -26 m depth	Yes	Cu:275; Zn:323;Mo:8.8	Qtz-eye felsic tuff,10% Py/mafic volc.	high
		moderate-						,	Py in mafic & felsic	U
R-7	Raptor Lake	strong	0.013	marginal	300		Yes	Cu: 164;Zn:629;As:113	tuffs/adjac. Rhyolite	moderate
R-8	Raptor Lake	weak	0.003	flanking strong high	85		No	Zn: 159/Na depletion	Py in Andesite	moderate
N-O	Naptor Lake	weak	0.003	Strong mgn	65	Yes: 0.97	INO			moderate
R-9	Raptor Lake	moderate- strong	0.043	direct	350	S/m, -100 m depth	No	Cu:241;Pb:52;Zn:676/str. Na depl.	Py stringers in Rhyolit& 5m band of Py in exhalite	high
				saddle				Cu: 113; Zn: 156/wk Na	Py/Po bearing cherty tuffs in	
R-10	Raptor Lake	strong	0.025	between highs	450		Yes	depl.	andesite package	low
K-10	Naptor Lake	Strong	0.025	mgns		in Zone Claim				TOW
						Yes: 1.14				
M-1	Main Zone	moderate	0.013	direct	150	S/m, -30 m depth	No	Zn:216/wk Na deple.	Py/Po bearing cherty exhalite	high
M-2	Main Zone	moderate- strong	0.015	direct	300	Yes: 1.65 S/m, near- surface	Yes	not anomalous	slicified mafic volc. Dissem. Py	high
						Yes; 4.07		Ag: 4.9 kg/t; Au: 1.2; 1.5%	Sph/Gn stringers in chloritized	
M-3	Main Zone	moderate	0.009	weak, direct	500	S/m, near- surface	No	Zn, 3.5% Pb / str. Na Depletion	mafic volc.	v.high
M-4	Main Zone	moderate- strong	0.032	weak, direct	500	surface	Yes	Na Depletion	Py/Po bearing cherty exhalite	moderate
M-6	Main Zone	strong	0.033	direct	700	Yes: 5.52 S/m, near-	Yes	Ag:3.6;Cu:104; Zn:381/mod. Na	Py/Po bearing cherty exhalite	mod.high
0	Width Zone	Strong	0.033	direct	,	surface		depletion	1 y/1 o bearing enercy exhaute	mouningii
North Zone	Main Zone	very strong; formational	0.042	weak, direct	>900	very poor fit; unable to separate formational trends	Yes	Ag: 4.5; Zn: 294; As: 1,510/str. Na depletion	Py/Po bearing cherty exhalite	low
M-9	Main Zone	weak	0.013	weak, flanking	>1000		Yes	Zn:376/str. Na depletion	Py/Po bearing cherty exhalite	low
HLEM-C	Main Zone	weak	0.004	direct	125		Yes	Cpy/Spy mineralization in immed. area	1m wide Py/Po bearing cherty felsic tuff band	moderate
							No (Geotem-	documneted		
HLEM-D	Main Zone	weak	0.005	direct	400		yes)	as above	not visited	moderate
Main Zone	Main Zone	strong	0.131	no direct assoc.	420	Yes: variable 1-3 S/m, near-surface	Yes	Ag:506; Cu:341;Pb:4.2%;Zn:136/e xtreme Na Depletion	Py/Po bearing cherty exhalite felsic tuffs	high
Caribou Zone	Main Zone	strong	0.024	direct	350		No	Au/Ag values documented; up to 450gpt Ag	dominantly mafic volc. Reported	moderate
South Zone	Main Zone	weak	0.001	no direct assoc.	150		No	Geochem Cu/Zn	not visited	moderate
High Priority target										
			*	apparent con	ductance was	calculated by	fitting chann	el 1 of the B Field Z-coil re	sponse to a thin sheet model.	

Table 1

## 12.3 The 2007 Rock and Soil Sampling Over Selected HeliGEOTEM Anomalies

## 12.3.1 General Statement

Follow up field investigation from September 15 to 21, 2007, sought to provide a direct or indirect explanation for the cause of the selected geophysical anomalies. Lithologies, mineralization and alteration features where present in outcrop at or in the vicinity of the AEM conductor, were noted. Using helicopter support and GPS navigational equipment, R. Cote and J. McClintock visited a total of 27 designated anomaly sites and collected a total of 54 rock (grab) samples and 42 soil (dominantly "C" horizon) samples over the four claim groups. These samples were subsequently analyzed for base, precious metals and multi-elements to assist in the evaluation and prioritization of the selected conductors. GPS locations for all samples are referenced in the geochemical analytical Tables I to VI and graphically illustrated in Figures 6 to 8.

## 12.3.2 Discussion of Geological and Geochemical Results

Tables I to VI below list the salient analytical results for all rock and soil samples collected from the Lang Lake, Turnip, Raptor and Main Zone Claim Groups while Figures 6 to 8 indicate their respective locations. The right half of Summary Table 1 highlights the relevant geochemical and lithological features associated with the surface or near surface expression on the conductive zones located within the more favorable volcanic stratigraphy.

								Table I								
	Rock Geochemical Analyses for the Long Lake & Turnip Lake Areas															
Sample	Certificate	Rock_ID	Zone	Claim ID	Claim_Name	Easting	Northing	Au	Ag	Cu	Pb	Zn	Мо	As	Cd	Na
								(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(%)
Long Lake Area																
25808	VA07111650	L2A	Longlake	F88286	YV 1	350154	7302483	0.001	0.53	22.6	33.5	17	1.64	8.4	0.02	2.8
25809	VA07111650	L2R2	Longlake	F88286	YV 1	350095	7302522	0.022	1.07	36.6	41.2	64	3.89	114.5	0.12	1
25810	VA07111650	L2R3	Longlake	F88286	YV 1	350331	7302156	0.001	0.84	14.3	24.9	19	5.03	25.4	0.09	1.83
25811	VA07111650	L2ADup	Longlake	F88286	YV 1	350154	7302483	0.001	0.67	12.4	34.7	13	1.79	7.8	0.03	2.89
							Tur	nip Lake Ar	ea							
25801	VA07111650	T2	Turnip	F88287	YV 2	352612	7298497	0.005	5.23	48.9	35.2	144	2.95	3	0.29	0.57
25804	VA07111650	T3-R1	Turnip	F88287	YV 2	353212	7298463	0.001	1.51	84.8	20.7	304	2.17	2.9	0.55	2.12
25806	VA07111650	T5	Turnip	F88287	YV 2	353301	7298063	0.007	1.09	85.8	9.4	101	11.55	2.8	0.14	3

								Table II								
					Soil Ge	ochemical	Analyses f	or the Lon	g Lake & Τι	ırnip Lake	Areas					
Sample	Certificate	Rock_ID	Zone	Clain ID	Claim_Name	Easting	Northing	Au	Ag	Cu	Pb	Zn	Mo	As	Cd	Na
								(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(%)
							Lon	g Lake Are	a							
L2S1	VA07111655	L2S1	Longlake	F88286	YV 1	350147	7302489	0.005	0.3	20	13	24	1	6	0.5	0.01
L2S2	VA07111655	L2S2	Longlake	F88286	YV 1	350094	7302521	0.005	0.3	44	12	27	2	29	0.5	0.03
L2S3	VA07111655	L2S3	Longlake	F88286	YV 1	350123	7302503	0.005	1.5	60	18	25	3	7	0.5	0.15
L2S4	VA07111655	L2S4	Longlake	F88286	YV 1	350154	7302483	0.005	0.2	22	11	30	1	4	0.5	0.01
L2S5	VA07111655	L2S5	Longlake	F88286	YV 1	350178	7302448	0.005	0.2	14	5	20	1	2	0.5	0.01
L3S1	VA07111655	L3S1	Longlake	F88286	YV 1	350382	7304890	0.005	0.2	8	3	16	1	3	0.5	0.01
L3S2	VA07111655	L3S2	Longlake	F88286	YV 1	350402	7304916	0.007	0.2	8	4	12	1	3	0.5	0.01
							Turn	ip Lake Ar	ea							
T1S1	VA07111655	T1S1	Turnip	F88287	YV 2	352573	7298750	0.047	1.2	102	11	43	5	9	0.5	0.03
T2S1	VA07111655	T2S1	Turnip	F88287	YV 2	352612	7298497	0.005	0.3	25	3	38	4	4	0.5	0.04
T3S1	VA07111655	T3S1	Turnip	F88287	YV 2	353212	7298463	0.005	0.8	58	16	44	1	4	0.5	0.02
T5S1	VA07111655	T5S1	Turnip	F88287	YV 2	353301	7298063	0.005	0.4	41	6	50	1	7	0.5	0.09
T5S2	VA07111655	T5S2	Turnip	F88287	YV 2	353301	7298063	0.005	0.3	52	3	105	1	6	0.5	0.01
T5S3	VA07111655	T5S3	Turnip	F88287	YV 2	353368	7297982	0.005	0.3	39	5	37	1	6	0.5	0.03
T5S5	VA07111655	T5S5	Turnip	F88287	YV 2	353301	7298063	0.011	0.3	42	8	29	1	13	0.5	0.04

						Tab	le III									
	Rock Geochemical Analyses for the Raptor Lake Area															
Sample	Certificate	Rock_ID	Zone	Claim ID	Claim_Name	Easting	Northing	Au	Ag	Cu	Pb	Zn	Мо	As	Cd	Na
								(ppm)	(%)							
25863	VA07111651	R1	Raptor	F88289	YV4	359714	7288171	0.001	0.01	3.3	4.8	49	19.25	0.2	0.03	0.48
25864	VA07111651	R2	Raptor	F88289	YV4	359862	7287821	0.011	0.62	29.6	16.8	66	2.61	72.7	0.18	0.3
25756	VA07111650	R6-1	Turnip	F88287	YV 2	636577	7286356	0.001	0.26	63.6	6.5	92	3.04	1.1	0.2	1.55
25757	VA07111650	R6-2	Turnip	F88287	YV 2	636577	7286356	0.007	0.77	275	9.8	323	8.82	0.2	1.63	1.02
25758	VA07111650	R8-1	Raptor	F88290	YV 5	361016	7285875	0.001	0.14	86.6	4	159	1.08	1.6	0.12	0.94
25759	VA07111650	R9-1	Raptor	F88290	YV 5	360827	7286480	0.001	0.53	151.5	21.1	270	1.72	2.3	0.75	0.43
25760	VA07111650	R9-2	Raptor	F88290	YV 5	360827	7286480	0.006	0.9	241	52.3	676	2.93	4.3	1.28	0.47
25865	VA07111651	R4-1	Main	F88290	YV 5	360402	7286918	0.001	0.53	15.1	12.5	20	1.27	5.5	0.03	0.71
25866	VA07111651	R4-2	Raptor	F88290	YV 5	360402	7286918	0.005	0.22	86.9	7.2	86	0.29	0.2	0.17	3.45
25867	VA07111651	R7-1A	Raptor	F88290	YV 5	361993	7286583	0.012	0.34	106	8.2	56	1.78	113.5	0.05	2.52
25868	VA07111651	R7-1B	Raptor	F88290	YV 5	361993	7286583	0.013	0.33	164.5	6.5	629	1.61	2.2	2.24	1.83
25869	VA07111651	R7-2	Raptor	F88290	YV 5	361989	7286584	0.001	0.01	3.1	6.8	15	0.96	2	0.02	1.98
25870	VA07111651	R10	Raptor	F88290	YV 5	362198	7285975	0.001	0.16	113.5	11.3	156	2.05	11.6	0.12	2.02

	Table IV															
	Soil Geochemical Analyses for the Raptor Lake Area															
Sample	mple Certificate Rock_ID Zone Claim ID Claim_Name Easting Northing Au Ag Cu Pb Zn Mo As Co												Cd	Na		
								(ppm)	(%)							
B-1	VA07111655	R5S1 Dup	Raptor	F88289	YV 4	361357	7287284	0.005	0.2	27	5	44	1	7	0.5	0.01
R5S1	VA07111655	R5S1	Raptor	F88289	YV 4	361357	7287284	0.005	0.2	34	4	46	1	13	0.5	0.01
R5S3	VA07111655	R5S3	Raptor	F88289	YV 4	361541	7287139	0.005	0.2	32	4	51	1	12	0.5	0.01
R8B1	VA07111655	R8B1	Raptor	F88290	YV 5	360835	7285867	0.005	0.2	35	6	51	1	18	0.5	0.01
R9S1	VA07111655	R9S1	Raptor	F88290	YV 5	360827	7286480	0.005	1.1	131	27	338	2	19	0.5	0.01
R9S2	VA07111655	R9S2	Raptor	F88290	YV 5	360827	7286480	0.005	0.3	54	44	82	1	23	0.5	0.02
R9S3	VA07111655	R9S3	Raptor	F88290	YV 5	360827	7286480	0.005	0.2	36	6	59	1	21	0.5	0.01
R6S1	VA07111655	R6S1	Raptor	F88290	YV 5	352474	7298805	0.017	3.3	184	12	73	13	10	0.5	0.03

						Table V								
			F	lock Geoch	nemical An		he Main Z	one Area						
Rock_ID	Zone	Claim ID	Claim_Name	Easting	Northing	Au	Ag	Cu	Pb	Zn	Мо	As	Cd	Na
						(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(%)
M5	Main	Lot 1001	Lease 3175	366194	7277366	0.02	0.22	15.5	10.6	75	2.81	2.8	0.02	0.5
M4-2	Main	Lot 1001	Lease 3175	365400	7278339	0.013	0.65	56.7	10.4	51	0.51	0.2	0.05	1.37
M4-3	Main	Lot 1001	Lease 3175	365455	7278216	0.007	0.64	97.8	11.9	41	3.32	1.6	0.02	0.79
MZR-2	Main	Lot 1001	Lease 3175	364663	7279493	0.014	2.49	8.4	52.4	7	1.24	47.1	0.02	0.09
MZ-R	Main	Lot 1001	Lease 3175	364659	7279428	0.031	54.7	28.4	214	771	3.05	24.5	1.02	0.26
Blank	Main	Lot 1001	Lease 3175	365000	7279000	0.001	0.13	5.1	11.4	50	0.26	0.2	0.04	3.85
M2-1	Main	Lot 1000	Lease 3175	363160	7281676	0.001	0.15	37.2	8.7	44	1.79	1.8	0.08	1.84
M8-1	Main	Lot 1000	Lease 3175	364256	7280990	0.006	0.09	57	7.7	92	1.2	0.6	0.15	3.2
M8-3	Main	Lot 1000	Lease 3175	364242	7280867	0.005	0.11	35.3	4.1	67	4.01	0.2	0.06	2.22
M8-5	Main	Lot 1001	Lease 3175	364299	7280671	0.012	0.56	55.7	30.2	33	2.5	220	0.05	0.73
M8-6	Main	Lot 1001	Lease 3175	364355	7280607	0.008	0.38	29.6	8.6	59	0.83	16.7	0.03	0.47
M8-7	Main	Lot 1001	Lease 3175	364355	7280607	0.056	4.56	53.3	20.9	84	0.45	1510	0.1	1
M8-8	Main	Lot 1001	Lease 3175	364586	7279870	0.006	0.33	31	7.7	294	0.46	10.4	0.4	0.28
M9-1	Main	Lot 1001	Lease 3175	366387	7276849	0.001	0.01	1.9	6.5	69	0.62	0.2	0.04	0.63
M9-2	Main	Lot 1001	Lease 3175	366581	7276687	0.021	0.49	57.4	5.8	162	1.33	3.9	0.25	0.5
M9-3	Main	Lot 1001	Lease 3175	366706	7276505	0.007	0.2	62.5	9.9	118	0.63	110	0.04	1.47
M9-4	Main	Lot 1001	Lease 3175	366789	7276294	0.024	0.71	40.6	9.8	52	3.8	125.5	0.02	0.08
M9-5	Main	Lot 1001	Lease 3175	366819	7276264	1.095	0.69	22.2	6.4	59	0.92	3.4	0.02	0.84
M9-6	Main	Lot 1001	Lease 3175	366864	7276112	0.266	0.6	74.4	9.5	376	3.77	3.5	0.33	0.18
M6-8	Main	Lot 1001	YV 15	366751	7275336	0.014	1.59	93.2	22.4	381	1.36	7.4	0.64	0.66
M4-5	Main	Lot 1001	YV 16	365995	7274500	0.041	0.46	21	15.4	27	2.11	3.2	0.04	0.48
M6-1	Main	Lot 1001	YV 16	366555	7275346	0.001	3.61	104.5	21	208	0.77	1.8	0.08	1.4
M6-2	Main	Lot 1001	YV 16	366542	7275346	0.001	0.01	1.4	9.1	34	0.3	0.2	0.05	0.46
M6-3	Main	Lot 1001	YV 16	366494	7275417	0.001	0.14	50.4	4.3	161	0.86	0.2	0.1	1.05
M6-4	Main	Lot 1001	YV 16	366494	7275617	0.001	0.24	32.8	6.6	89	2.64	0.2	0.09	0.17
M6-5	Main	Lot 1001	YV 16	366485	7275659	0.005	0.29	3.7	37	12	1.29	6.8	0.02	0.09
M3-2	Main	Lot 1001	YV 8	363525	7279765	0.005	0.48	110	6	270	4.08	1.5	0.37	2.98
M3-1	Main	Lot 1001	YV 8	363560	7279770	1.17	4,960	182.5	34,500	14,700	0.85	25.4	38.7	0.52
M1-1	Main	Lot 1001	YV 8	361842	7281052	0.001	0.33	85.1	22.1	216	2.97	1.1	1.07	1.17
M1-2	Main	Lot 1001	YV 8	361745	7281007	0.006	0.28	53.3	13.6	119	0.76	0.2	0.28	1.48
M1-3	Main	Lot 1001	YV 8	361833	7281062	0.006	0.78	67	10.6	9	2.1	5.3	0.02	1.6
Blank				363000	7276000	0.006	0.04	6.7	11.6	47	1.15	1.5	0.02	3.44
Blank				362000	7277000	0.001	0.01	4.1	6.4	48	0.66	0.2	0.02	3.12
Blank				600000	7000000	0.001	0.61	11.7	12.5	52	1.41	0.7	0.04	3.47

	Table VI															
						Soil Geoch	emical Ana	lyses for t	he Main Z	one Area						
Sample	Certificate	Rock_ID	Zone	Claim ID	Claim_Name	Easting	Northing	Au	Ag	Cu	Pb	Zn	Mo	As	Cd	Na
								(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(%)
^1	VA07111655	M4-1	Main	3175	Lease 3175	366170	7277220	0.037	1.8	114	27	63	7	31	0.5	0.03
^2	VA07111655	M4-2	Main	3175	Lease 3175	365335	7277520	0.012	1.5	131	8	42	3	5	0.5	0.01
^4	VA07111655	M4-4	Main	3175	Lease 3175	365980	7277500	0.012	0.3	52	12	43	2	75	0.5	0.01
A-1	VA07111655	M4-19 Dup	Main	3175	Lease 3175	365554	7278073	0.012	0.3	70	12	131	2	65	0.5	0.01
C-1	VA07111655	M4-16 Dup	Main	3175	Lease 3175	365671	7277897	0.005	0.2	19	8	30	1	36	0.5	0.01
CS1	VA07111655	CS1	Main	3175	Lease 3175	365436	7278335	0.036	2.2	178	12	54	3	15	0.5	0.02
M4 13	VA07111655	M4 13	Main	3175	Lease 3175	365710	7277790	0.02	1.5	63	30	69	2	4	0.5	0.01
M4 14	VA07111655	M4 14	Main	3175	Lease 3175	365730	7277760	0.005	0.2	20	11	32	1	33	0.5	0.01
M4 15	VA07111655	M4 15	Main	3175	Lease 3175	365750	7277740	0.005	0.2	46	8	61	1	52	0.5	0.01
M4 16	VA07111655	M4 16	Main	3175	Lease 3175	365775	7277715	0.005	0.2	34	7	49	1	35	0.5	0.01
M4 17	VA07111655	M4 17	Main	3175	Lease 3175	365800	7277680	0.012	0.7	117	6	178	1	2	0.5	0.24
M4 18	VA07111655	M4 18	Main	3175	Lease 3175	365635	7277860	0.032	2	48	16	88	2	18	0.5	0.04
M4 19	VA07111655	M4 19	Main	3175	Lease 3175	365605	7277885	0.008	0.3	68	14	130	1	59	0.5	0.01
M4 20	VA07111655	M4 20	Main	3175	Lease 3175	365580	7277900	0.005	0.3	63	10	30	2	67	0.5	0.01
M4 21	VA07111655	M4 21	Main	3175	Lease 3175	365545	7277935	0.02	2.3	113	9	83	5	25	0.5	0.01
M4S1	VA07111655	M4S1	Main	3175	Lease 3175	365681	7277993	0.015	0.6	63	11	63	2	26	0.5	0.02
MZ1S	VA07111655	MZ1S	Main	3175	Lease 3175	364762	7279253	0.074	15.8	341	895	136	1	188	0.5	0.02
MZ2S	VA07111655	MZ2S	Main	3175	Lease 3175	364731	7279319	3.28	506	83	42400	59	2	217	0.5	0.04
MZ3S	VA07111655	MZ3S	Main	3175	Lease 3175	364663	7279493	0.033	4.7	56	77	47	4	7	0.5	0.04
MZ4S	VA07111655	MZ4S	Main	3175	Lease 3175	364671	7279418	0.168	41.5	111	855	113	1	151	0.5	0.09

Given the small number of samples, a statistical analysis of the data was not used to determine statistical "background"/ "anomalous" values. Rather, informal, "visual" thresholds were selected for each of the main base & precious elements and key hydrothermal indicator elements and were established as follows: Au> 0.1 gpt, Ag> 3gpt, Cu> 100ppm, Pb> 50ppm, Zn> 150ppm, Mo> 4ppm, Cd> 2ppm, Co> 30ppm, Ni> 60ppm, Cr> 100ppm, Sb>10ppm, Sn> 10ppm, W> 10ppm, Na<1.0%, K> 3% and Mg> 3%.

Geologic/geochemical parameters used in rating selected conductors included a) apparent or inferred stratigraphic position of conductor b) indication of sulphides associated with exhalative volcanic units,) preference for the presence of quartz phryic volcanic units, d) geochemically elevated values of base and/or precious metal values and e) evidence of pronounced hydrothermal wallrock alteration such as chloritization, potassium/silica enrichment and strong sodium depletion.

Based on these selection criteria, conductors **R-6**, **R-9** in the Raptor Claim Group and **M-1**, **M-2**, **M-3** and **M-6** in the Main Zone/Lease Claim Group are rated most favorably.

Conductor M-3, located 1.25km NW and approximately 500m stratigraphically below the Yava Main Zone, is interpreted geophysically to have a 500m strike length and is associated at surface with poorly exposed base metal stringer mineralization in outcrop where a grab sample assay in 2007, returned 1.2 gpt Au, 4,960 gpt Ag, 3.5% Pb and 1.5% Zn. A sample taken in 2004 by Dr. Hodder located 650 m north of M-3, in another sulphide stringer zone known as the Yava North Zone, assayed 0.17 gpt Au and 3,452 gpt Ag. Evidence suggests these two strongly argentiferous sulphide stringer samples represent part of a significantly wide volcanogenic footwall stringer zone.

Figure 17 displays a simplified geological/geophysical compilation of the salient features identified thus far in the vicinity of the Yava Main Zone based on the total exploration data gathered from all previous programs including that of the 2007 work described herein.

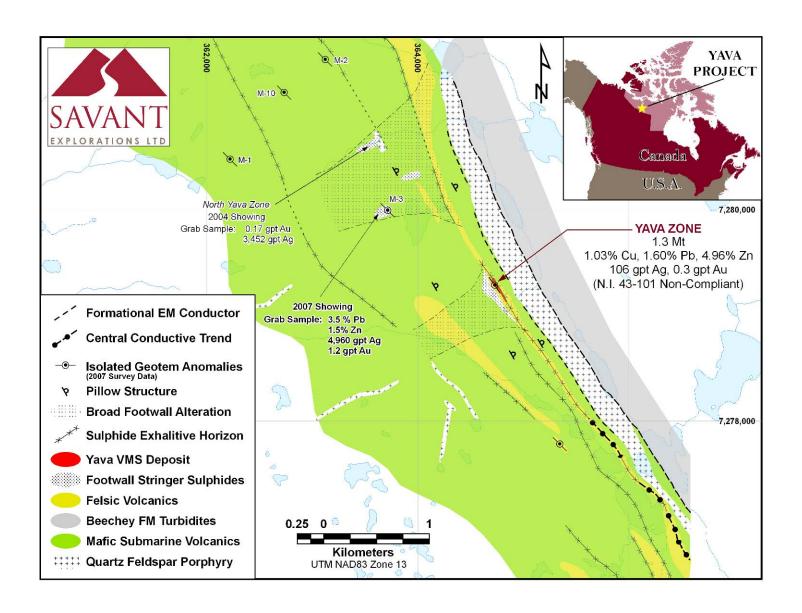


Figure 17. Simplified Compilation Map-Yava Main Zone Sector

## 13.0 DRILLING

## 13.1 General Statement

Results of the ten- hole diamond drilling program totaling 726.metres over the Main Zone Claims/Lease Group completed by Brascan Resources Ltd in 1974/75 is described in detail in National Instrument 43-101 technical report by Dr. Robert W. Hodder, entitled "The Yava Property of Pacifica Resources Limited Hackett-Back River Greenstone Belt, Mackenzie Mining District, Territory of Nunavut, Canada" dated March 19 2007.

There has been no drilling since 1975. The original drill logs for these holes are in the archived project files at the Vancouver office of Savant Explorations Ltd, 701-475 Howe St Vancouver, B.C., V6C 2B3.

## 14.0 SAMPLING METHODS AND APPROACHES

### 14.1 General Statement

Adopted from Hodder, 2007

## 14.1.1 Core Sampling: 1974/75 Drill Program

"Sampling of drill core from the 1974 and 1975 exploration campaigns, as described in drill logs and reports (Salaken, 1975, 1976), appears to have followed standard practice for that time of exploration. Sample intervals of drill core appear to have been chosen for assay by the presence of sulphide minerals. Most assay intervals were three feet or less, and the longest was seven feet. Assaying was done by Bondar-Clegg & Company Limited of Vancouver. Although drill core has not been recovered from an on-site core tray stacking and no attempt has been made to do check assays, original logs and Certificates of Assays are available in the archive of project files held at the Vancouver office of Savant Explorations Ltd."

Adopted from Hodder, 2007

# 14.1.2 Surface Sampling: 2004 Field Program

During the 2004 field program only a few rock samples were collected from outcrop outside of the drilling area of the Yava Main Zone. These were collected by Dr. Hodder in identifying and describing rock types. Selected specimens and assayed grab samples described in Dr. Hodder's report.

## 14.1.3 Surface Sampling: 2007 Field Program

In Savant's search for new VMS deposits, rock and soil samples were collected by R. Cote and J. McClintock during the 2007 field work to specifically derive information on base and precious metal contents as well as trace element/pathfinder type concentrations in bedrock and soil samples in the immediate vicinity or close proximity to the GPS located AEM conductors targeted for field investigation. Mineralized (sulphide bearing) outcrop sites were of prime interest for sampling followed by "near outcrop" sites such as frost boil blocks should bedrock not be directly exposed. Desegregated bedrock or "C" horizon constituted the majority of material collected as soil samples. Generally 400-1000 gram rock samples were taken using a rock pick. Soil sample weight generally varied between 200 and 400 g. All samples were collected, tagged and prepared for shipment placing rock samples in sealed plastic bags and soil samples in laboratory approved durable paper bags.

# 14.1.4 Data collection: 2007 Geophysical Airborne Survey

Adopted from Campbell, 2007

"Digital databases of the electromagnetic and magnetic data were transmitted via FTP to Intrepid Geophysics for an independent review and quality assurance/quality control. The final processing leveling gridding and mapping were carried out by Fugro Airborne Surveys in their Ottawa offices."

Adopted from Fugro Airborne Surveys, 2007

"Between September 5 and September 9, 2007, Fugro airborne Surveys conducted a HeliGEOTEM II electromagnetic and magnetic survey of the Main Zone, Long Lake, Turnip Lake and Raptor lake blocks on behalf of Savant Explorations Ltd. Using Hackett River, Nunavut as the base of operations, a total of 851 line kilometers of data were collected using an AS-350 B2 Helicopter.

The survey data were processed and compiled in the Fugro Airborne Survey Ottawa office. The collected and processed data are presented on color or black and white maps and multi-parameter profiles. The following maps were produced: Total Magnetic Intensity (TMI) First Vertical Derivative of TMI, dB/dt Z Coil Channel 8 Amplitude, Apparent Conductance and Flight Path. In addition digital archives of the raw and processed survey data in line format and gridded EM data were delivered."

## 15.0 SAMPLE PREPARATION, ANALYSES AND SECURITY

### 15.1 General Statement

Adopted from Hodder, 2007

## 15.1.1 Surface Sampling: 2004 Field Program

"Grab samples taken from outcrop during August 2004 were bagged and sealed by their collectors and hand carried to the Air Canada freight depot in Yellowknife. From this point they were shipped to X-Ray Assay Labs in Vancouver. Each sample was analyzed by ICP for 36 elements. Sample collection, preparation, assaying and security are adequate for this characterization and reactivation stage of exploration."

## 15.1.2 Surface Sampling: 2007 Field Program

As with the 2004 program, all bagged and sealed samples were hand carried to the Air Canada freight depot in Yellowknife and delivered via this airfreight service to the laboratory facilities of ALSChemex in Vancouver. Sample processing was conducted by ALSChemex, an independent and reputable commercial assay laboratory with its principal processing facilities in the Vancouver, Canada. The techniques used for sample processing are considered typical of analytical methods as practiced in Canada by other laboratories. No employees, officers, directors or associates of Savant Explorations Ltd were involved in the processing and analysis of rock and soil samples documented in this report. Trace element analysis was completed using four acid digestions with ICP finish. Gold and silver were completed using fire assay with atomic absorption finish. Samples containing over 10 grams of gold per tonne or over 1,000 grams of silver per tonne were re-assayed using standard fire assay with gravimetric techniques. In addition to ALS Chemex's use of internal standards for quality control checks,

Savant has instituted its own Quality Control assurance program with the introduction of blanks and duplicates when submitting samples to ensure the integrity of all geochemical and assay results. Four blanks and two duplicate samples were inserted into the sample chain of the 54 rock and 42 soil samples collected in 2007. An inspection of the analytical results for duplicate rock samples #25808 & #25811 in Table I and Appendix 1A-1 and duplicate soil samples #B-1 & #R5S-1 in Table IV and Appendix 1B-1 respectively, confirm good repeatability of the concentrations for the elements analysed . Similarly, blank rock samples #25751, #25807, # 25655 & # 25856 in Table V and Appendix 1A-1, confirmed the very low values determined and anticipated for those elements analysed. However, it should be noted that this small number of blanks and duplicates precludes any meaningful statistical analysis.

# 15.1.3 Data Collection: 2007 Geophysical Airborne Survey

Adopted from Fugro Airborne Surveys, 2007

"All digital data were verified for validity and continuity"

"All recorded parameters were edited for spikes or datum shifts, followed by final data verification via an interactive graphics screen editing and interpolation routines. Altimeter deviation from the prescribed flying altitude, was also closely examined as well as the diurnal activity, as recorded on the base station.

"The quality of the GPS navigation was controlled on a daily basis by recovering the flight path of the aircraft. Checking all data for adherence to specifications was carried out in the field by the FUGRO AIRBORNE SURVEYS field geophysicist"

### **16.0 DATA VERIFICATION**

### 16.1 General Statement

Archival data from the early 1970's for the Yava Property were reviewed by co-author R.Cote and have been taken at face value without any rigorous process of verification. Field verification of the previously mapped volcanic lithologies, alterations and sulphide mineralization identified from the 1974/75 work programs and subsequent re-evaluation by Dr. Hodder in 2004, are deemed to be essentially correct base on the site-specific geologic observations gathered during the 2007 AEM anomaly checks. It is concluded that the archived documents are therefore deemed to be complete and factual. The 2007 geologic mapping/sampling generated sufficient data to confirm the general correctness of the historic data which will enable a rational on-going appraisal of the discovery potential for significant new VMS deposits on the Yava Property.

Co-author C.Campbell participated in the field verification of a few of the selected GEOTEM anomalies thus confirming the correctness of the geographic locations(GPS) of the anomalies particularly at those few locations where the presence of visible sulphide mineralization directly coincident with the UTM coordinates of the interpreted and selected GEOTEM conductor.

## **17.0 ADJACENT PROPERTIES**

### 17.1 General Statement

Relevant adjacent properties include the Hackett River Property of Sabina Silver Corporation at the north end of the Hackett-Back River Greenstone Belt and the Musk Property at the south end of the Greenstone Belt. The former is situated 45 km north northwest of the Yava Zone (Figure 2) and details on the Hackett River deposit, currently at a prefeasibility stages are available on the company's website ("Sabinasilver.com") where a NI-43-101 dated 2006 reports a resource estimate of 47Mt grading 4.37 opt Ag, 0.009 opt Au, 4.67% Zn, 0.32% Cu and 0.68% Pb. Details on the Musk VMS occurrence, explored by Strongbow Exploration Inc in 2004/2005 under an option agreement with Noranda Inc, can be found on the company's website ("Strongbowexploration.com",November 15, 2004). The latter is located approximately 35 km SE of the Yava Zone. Details for these VMS occurrences can also be sourced in NI-43-101 report on the Yava Property by Dr. Hodder dated March 19, 2007.

Dundee Precious Metals Inc (DPM) have been active in the area East and Northeast of the Yava Property since 2005 where they have been carrying out a large regional gold exploration program in addition to undertaking extensive diamond drilling in efforts to enhance resource estimates at their George Lake and Goose Lake gold deposits located respectively 40km NE and 65 km E of the Yava Property. DPM holds an extensive land position in Nunavut. Figure 3 reveals how DPM claims entirely surround Savant's Yava Property. Details on DPM's gold exploration activity in Nunavut are available on the company's website ("dundeeprecious.com").

## 18.0 MINERAL PROCESSING AND METALLURGICAL TESTING

### **18.1 General Statement**

The Yava Property is at an early stage of exploration and there has been no mineral processing or metallurgical testing of material to originate from the Yava Property.

## 19.0 MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES

Adopted from Hodder, 2007

## **19.1 General Statement**

Section 6.2 of this report makes specific reference to the historic preliminary resource estimate of 1.3Mt grading 1.03% Cu, 1.6% Pb, 4.96% Zn, 3.42 opt Ag and 0.008 opt Au (Salaken, 1976, 1977) with a projected depth of 100m, based on the limited shallow drilling by Brascan Resources Ltd. in 1974/75. As mentioned, this estimate is not in accordance with NI 43-101 guidelines and should not be relied on. Interestingly, while ten holes were completed in the vicinity of the sulphide zone, only three holes effectively transected the main conformable sulphide zone. Remaining holes encountered predominantly peripheral stringer type mineralization to the banded semi-massive to massive sulphide concentration. Based on the geometry of the mineralization outlined from the 1974/75 drilling and as in part displayed with Figures 4 and 5, The Yava Zone remains fully open at depth, down dip and/or down plunge and apparently along strike as well for some unspecified distance.

### 20.0 OTHER RELEVANT DATA AND INFORMATION

#### 20.1 General Statement

No relevant data or information has knowingly been omitted by the co-authors of this report.

### 21.0 CONCLUSIONS AND INTERPRETATIONS

The 2007 exploration program by Savant Explorations Ltd confirmed the potential for precious metal-bearing polymetallic massive sulphide mineralization on the Yava Property located in Nunavut, Canada. The deep penetrating, high resolution time-domain HeliGEOTEM(r) electromagnetic and magnetic survey lead to the recognition of a number of new electromagnetic conductors previously undetected by the earlier frequency domain airborne system completed over the same survey area. Results from the geochemical sampling of outcrop in the immediate vicinity of the selected geophysical conductors, provided additional screening to identify and prioritize the more favorable targets. Key geophysical and geological attributes used in selecting the most prospective conductors including respectively a) interpreted conductance, strike length, apparent width, magnetic association and b) inferred stratigraphic location, presence of quartz phyric felsic volcanic, evidence for strong hydrothermal alteration and sulphides with anomalous base and/precious metal values. The presence of most of these features at any one location could possible signal proximity to a volcanic venting zone and the increased potential for VMS mineralization.

Commencing with an initial selection of 27 first order "prospective" conductors with indicated strike lengths from 150m to 650m, subsequent field investigation and further refinement of the geophysical interpretation reduced the prospectivity of the these down to 6 and possibly 7 "higher priority" targets. Particularly noteworthy was the discovery in 2007 of the high grade silver mineralization in the base metal stringer occurrence associated with the M-3 conductor, 1.25km NW and 500 m stratigraphically below the Yava Zone horizon where a single grab sample in chloritized mafic volcanics assayed 3.45% Pb, 1.47% Zn, 1.17 gpt Au and 4,960 gpt Ag. Indications are this occurrence may be part of a wide (600-700m wide) notably silver rich footwall alteration/sulphide stringer zone.

To carry out a proper appraisal of the Yava Property, there is a recognized requirement to drill test the immediate size and grade potential of the Yava Zone itself with several holes testing the strike and possibly more importantly the down dip extension to a known mineralization down to a minimum depth of 300m.

## 22.0 RECOMMENDATIONS

Based on the finding elaborated in the preceding chapter, it is recommended that a drill program be undertaken to test a minimum of six (6) of the aforementioned new heliGEOTEM conductors associated with the most promising local geologic setting (estimated 1,000m) and to equally test with a minimum of three (3) drill holes, predominantly the down dip extension of the Yava Main mineralized Zone.(estimated 1,000m total)

Assuming an all-include unit drilling cost of \$750/m, it is estimated the total drill program would cost approximately Cdn\$1,500,000.

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#### 24.0 Certificate of "Qualified Person"

 Richard Cote
 Tel. 514-680-6152

 2156 Preville
 cell. 514-294-8486

Ville LaSalle, QC Email:riccote49@gmail.com

H8N 1N5

I, Richard Cote, do hereby certify that:

- I am a Geological Engineer residing at 2156 Preville, Ville LaSalle Quebec, H8N 1N5
- I am a graduate (1973) of the Ecole Polytechnique, Montreal, Quebec, Canada, with a Bachelor in Applied Sciences, B.Sc.A., Geological Engineering.
- I have practiced my profession as a professional geologist continuously for approximately thirty-one (31) in Canada and Latin America (namely Peru, Chile and Mexico). My work has been focused on mineral exploration working initially as a project geologist and then assuming managerial positions with major mining companies. Since 2005, I have been operating as an independent consulting geologist. My experience is primarily in volcanogenic massive sulphides, polymetallic skarns, porphyry copper and epithermal gold deposits.
- I am a member in good standing with the association of Professional Engineers of Quebec: I'Order des Ingenieurs du Quebec (O.I.Q member 30136)3, a Fellow of the Society of Economic Geologists Inc and a member of the Canadian Institute of Mining, Metallurgy and Petroleum (C.I.M.M.).
- I have read and understand the definition of "Qualified Person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "Qualified Person" for the purposes of NI 43-101.
- I have visited and personally worked on all four (4) claim blocks of the Yava property as recently as September 15-20, 2007.
- I am responsible for the preparation of the current technical report and acknowledge that Sections 5.0, 12.2,14.1.4,16.0 and 21.0 were co-authored with Mr. Christopher Campbell, P. Geo and "Qualified Person" for the purpose of NI 43-101.
- I am not aware of any material fact or material change with respect to the subject matter
  of the technical report which is not reflected in the technical report, the omission to
  disclose which makes the technical report misleading.
- I am an officer of Savant Explorations Ltd holding the position of Vice-President of Exploration. I am also a shareholder of this same company and as such, I am not independent of the issuer applying the tests set out in section 1.5 in NI 43-101.
- I have had no prior experience with the Yava property prior to 2007 and this current project undertaken on behalf of Savant Explorations Ltd.
- I have read and understand the National Instrument 43-101 'Standards of Disclosure for Mineral Projects' and Form 43-101F1, and the technical report has been prepared in compliance with that Instrument and Form 43-101F1.

Dated this day of February 15, 2008 in Vancouver, British Columbia.

Richard Cote, ing.

### 24.0 Certificate of Qualified Person

Christopher J. Campbell Intrepid Geophysics Ltd. 4505 Cove Cliff Road,

Vancouver, B.C, V7G 1H7

Tel. 604.924.1070 Fax. 604.924.1370 Email: intrepid@telus.net

- I, Christopher J. Campbell, do hereby certify that:
- I am Principal Geophysicist and President of Intrepid Geophysics Ltd. of 4505 Cove Cliff Road, North Vancouver, BC V7G 1H7
- I am a graduate (1972) of the University of British Columbia, with a Bachelor of Science degree in Geophysics.
- I am a graduate (1986) of the University of Denver, with a Masters of Business Administration.
- I have practiced my profession of exploration geophysics continuously for approximately thirty-six years in Canada (British Columbia, Alberta, Saskatchewan, Manitoba, Ontario and Quebec, Newfoundland and Labrador, Yukon and Northwest Territories / Nunavut, as well as in the United States of America, Australia, Russia, Lesotho and Botswana. I have worked as both project geophysicist and consulting geophysics on a variety of volcanogenic massive sulphide mineral occurrences and properties throughout Canada and Australia.
- I am a member in good standing of the Society of Exploration Geophysicists, the Australian Society of Exploration Geophysicists. I am a registered member as P. Geo. in good standing of the Association of Professional Engineers and Geoscientists of British Columbia.
- I have read and understand the definition of "Qualified Person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "Qualified Person" for the purposes of NI 43-101.
- I have visited and personally worked on all four (4) claim blocks of the Yava property as recently as September 16-22, 2007.
- I am responsible in whole or in part for Sections 5.0, 12.2,14.1.4,16.0 and 21.0 of the current technical report.
- I am not aware of any material fact or material change with respect to the subject matter of the technical report which is not reflected in the technical report, the omission to disclose which makes the technical report misleading
- I have no interest, direct or indirect, in the properties or securities of Savant Explorations Ltd., or in any of their related companies or joint venture partners anywhere in Canada. I am independent of the issuer applying the tests set out in section 1.5 in NI 43-101.
- I have had no prior experience with the Yava property prior to 2007 and this current project undertaken on behalf of Savant Explorations Ltd.
- I have read and understand the National Instrument 43-101 'Standards of Disclosure for Mineral Projects' and Form 43-101F1, and the technical report has been prepared in compliance with that Instrument and Form 43-101F1.

Dated this day February 15, 2008 in North Vancouver, British Columbia.

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CLIENT : "SAVEXP - S	avant Expl	oration Ltd	1."					Ар	pendix 1A-	1 (Page 1 c	of 3)						
# of SAMPLES : 57																	
DATE RECEIVED : 200	7-09-26 D	ATE FINALI	ZED : 2007-	11-17					Yava	Rocks	_						
PROJECT : "YAVA"																	
CERTIFICATE COMME	NTS : "REE	's may not	be totally	soluble in	MS61 meth	nod. "											
PO NUMBER : " "																	
									ME-MS61								
SAMPLE# Certificate		Ag	Cu	Pb	Zn	Al	As	Ва	Be	Bi	Ca	Cd	Ce	Со	Cr	Cs	Fe
	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	P. P.	%
25751 VA071116		0.04	6.7	11.6		8.25	1.5	630							. 37		
25752 VA071116		0.22	15.5	10.6	75	5.91	2.8	110		0.2				6.1	. 5		_
25753 VA071116		0.65	56.7	10.4	51	6.58		80						0.8	3		
25754 VA071116	0.007 0.041	0.64 0.46	97.8 21	11.9	41 27	6.6		250 310						4.8	4		
25755 VA071116 25756 VA071116			63.6	15.4 6.5	92	7.1 8.06	3.2	190						10.1	16		
25757 VA071116		0.26	275	9.8		6.02		260						28.1	. 9		
25758 VA071116		0.77	86.6	9.6	159	7.71	1.6	70						35.6	90		
25759 VA071116		0.14	151.5	21.1	270	6.39	2.3	450		0.17				9.4	11		
25760 VA071116		0.55		52.3	676	6.36		350						13.4	. 9		
25761 VA071116	0.005	0.48	110	52.5	270	8.22		180							77		
25762 VA071116	1.17	4960	182.5	34500	14700	3.24		330						20.1	. 36		
25801 VA071116		5.23	48.9	35.2	144	5.21	3	180						3.5	7		
25802 VA071116		1.59	93.2	22.4	381	8.72		410		0.12				31.5	65		
25803 VA071116		2.49	8.4	52.4	7		47.1	250						0.2	. 5		
25804 VA071116		1.51	84.8	20.7	304	8.13	2.9	520	0.84	0.2	1.07	0.55	39.1	21.7	9		
25805 VA071116	0.031	54.7	28.4	214	771	5.74	24.5	110	0.85	0.43	2.48	1.02	34	1.5	30	3.38	3.65
25806 VA071116	0.007	1.09	85.8	9.4	101	6.87	2.8	90	0.79	0.22	3.01	0.14	23	28.8	19	0.08	6
25807 VA071116	0.001	0.61	11.7	12.5	52	8.37	0.7	660	1.35	0.6	2.44	0.04	52.9	10.5	48	3.87	2.39
25808 VA071116	0.001	0.53	22.6	33.5	17	5.37	8.4	250	0.7	0.19	0.93	0.02	45.2	8.8	9	0.3	2.69
25809 VA071116	0.022	1.07	36.6	41.2	64	4.94	114.5	90	0.78	0.5	0.67	0.12	40.5	20.7	8	0.7	
25810 VA071116		0.84	14.3	24.9	19	5.05	25.4	160		0.69				0.5	10		
25811 VA071116	0.001	0.67	12.4	34.7	13	5.65	7.8	270	0.84	0.22	1.05	0.03	37.2	5.9	8	0.15	
25851 VA071116	0.001	3.61	104.5	21	208	7.43		230						15.2	4		
25852 VA071116		0.01	1.4	9.1	34	6.38		490						0.7	3		
25853 VA071116				4.3				460							159		
25854 VA071116		0.24		6.6				680		0.18					4		
25855 VA071116		0.13	5.1	11.4		7.2		590	-	0.08	-	-			. 7		
25856 VA071116		0.01	4.1	6.4	48		0.2	570		0.58				7.1	39		
25857 VA071116		0.29	3.7	37	12 44	5.19		270							5		
25859 VA071116 25860 VA071116	0.001	0.15	37.2 85.1	8.7 22.1	216	6.35 7.66		100 610		1.21 0.33		0.08 1.07		5.7	9		
25860 VA071116 25861 VA071116			53.3	13.6			0.2	30		0.62				14.4	11		
25862 VA071116		0.28	67	10.6	9		5.3	210		0.62				83.9	13		
25863 VA071116		0.78	3.3	4.8		7.16		430						1.1	. 5		
25864 VA071116			29.6	16.8			72.7	170						83.8	14		
25865 VA071116		0.53	15.1	12.5	20			710						6.8	12		
25866 VA071116	0.001	0.33	86.9	7.2	86	7.49		300						23.4	46		_
25867 VA071116		0.34	106	8.2	56	7.79	113.5	220						9.7	78		
25868 VA071116			164.5	6.5		6.66		400						14.2	. 24		
25869 VA071116		0.01	3.1	6.8		6.4		600		0.1					. 9		
25870 VA071116		0.16	113.5	11.3	156	7.72		800						12.4	43		
25871 VA071116		0.09	57	7.7	92	8.91	0.6	350						26.45	90		
25872 VA071116	0.005	0.11	35.3	4.1	67	8.52	0.2	200	0.72	0.09	4.32	0.06	24.4	19.1	45	0.56	4.12
25873 VA071116	0.012	0.56	55.7	30.2	33	7.04	220	410	0.72	0.39	0.54	0.05	29.2	6.8	55	4.61	6.16
25874 VA071116		0.38	29.6	8.6		4.59		80				0.03		14.4	54		
25875 VA071116	0.056	4.56	53.3	20.9		7.19	1510	210						27.4	75		
25876 VA071116		0.33	31	7.7	294	3.42	10.4	40						4.5	41		
25877 VA071116		0.01	1.9	6.5	69	6.56	0.2	260						1	. 5		
25878 VA071116		0.49	57.4	5.8		6.77	3.9	60						14	71		
25879 VA071116		0.2	62.5	9.9		9.11		130							129		_
25880 VA071116	0.024	0.71	40.6	9.8	52	3.69		90							16		
25881 VA071116		0.69	22.2	6.4				20						1.5	2		
25882 VA071116	0.266	0.6	74.4	9.5	376	7.73	3.5	20	1	0.25	5.25	0.33	67.4	27.1	. 74	0.86	18.45

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# of SAMPLES : 57									Appendi	x 1A-2 (Pa	ge 2 of 3)						
DATE RECEIVED : 2007	-09-26 DATE	FINALIZED	: 2007-11-	17													
PROJECT : "YAVA"										Yava Rocks	3						
CERTIFICATE COMMEN	ITS : "REE's r	nay not be	totally sol	uble in MS	1 method	l. "											
PO NUMBER: " "																	
				ME-MS61										ME-MS61			
SAMPLE# Certificate	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	Р	Rb	Re	S
	ppm	ppm	ppm		%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
25751 VA0711165	20.4			0.019	2.22					1.15	3.44	5.3	24		82.4		
25752 VA0711165	16.4	0.12	8.5	0.052	0.84	13.7	38.5	0.73	1755	2.81	0.5	9	8.6	110	34.9	0.002	0.53
25753 VA0711165	20.4	0.14	11.3	0.056	0.58	16.5	17.1	0.54	3140	0.51	1.37	13.6	0.7	90	18.5	0.002	0.58
25754 VA0711165	19.75	0.15	8.8	0.066	1.64	14.7	25.6	1.33	563	3.32	0.79	11.7	8.7	40	60.8	0.002	3.4
25755 VA0711165	23.9				2.44						0.48		3.7		113.5		
25756 VA0711165	32.7	0.13	3.2	0.065	0.68	12.7	9.5	1.47	793	3.04	1.55	5.4	19.3	480	30.8	0.002	
25757 VA0711165	18.8	0.18	8.4	0.095	3.69	18	8.1	0.5	265	8.82	1.02	12.5	31.1	120	109	0.004	4.98
25758 VA0711165	19.4	0.2	3.5	0.055	0.49	14.6	28.6	3.06	4000	1.08	0.94	9.6	68.2	1840	13.5	0.002	1.44
25759 VA0711165	20.1	0.12	10.4	0.172	3.51	19.6	13	0.43	164	1.72	0.43	11.5	8.6	180	168.5	0.002	1.44
25760 VA0711165	17.8	0.15	9	0.222	2.84	26.1	11	0.42	393	2.93	0.47	11.6	5.8	80	143	0.003	3
25761 VA0711165	17.3	0.16	2.5	0.125	0.66	11	34.5	3.5	1095	4.08	2.98	4.3	88.3	770	24.2	0.003	2.79
25762 VA0711165	8.93	0.23	1.5	0.051	1.33	3.4	10.6	0.13	161	0.85	0.52	1.2	26.2	270	32.1	0.002	2.92
25801 VA0711165	13.95	0.2	6.9	0.106	1.53	26	7.2	0.46	335	2.95	0.57	14.1	2.3	30	81.5	0.002	1.9
25802 VA0711165		0.21	4.3	0.113	2.63		44.5	2.43	1490	1.36	0.66		45.3	1070	76.9		2.65
25803 VA0711165					2.1						0.09				54.8		
25804 VA0711165	20.7	0.21	5.5	0.095	2.72	17.5	16.2	1.61	532	2.17	2.12	3.9	19.6	630	85.4	0.002	2.62
25805 VA0711165	) 15.1	0.18	4.3	0.032	1.03	17.1	16.8	0.99	603	3.05	0.26	6.2	2.3	220	61.3	0.002	0.55
25806 VA0711165	12.55	0.21	4.5	0.065	0.19	10.6	1.5	1.05	374	11.55	3	6.9	21.4	290	5.6	0.002	5.62
25807 VA0711165					2.07						3.47			710	76.1		
25808 VA0711165		0.21	6.8	0.049	0.65	21.3	2.3	0.23	78	1.64	2.85	10.6	2	70	20		
25809 VA0711165					1.14		5.4				1.2		5.2	60	44.1		
25810 VA0711165					0.93						1.83		0.9		32		
25811 VA0711165					0.66						2.89		1.2		15.1		
25851 VA0711165					2.2						1.4		10.6	490	94.3		
25852 VA0711165					2.79						0.46		0.8		57		
25853 VA0711165					1.96						1.05		105		53.2		
25854 VA0711165					2.04						0.17		1.2		51.8		
25855 VA0711165					1.3						3.85		3.4		43.6		
25856 VA0711165					1.79						3.12		20.5	630	51.2		
25857 VA0711165					2.32						0.09		1.1	30	85.1		
25859 VA0711165					0.64						1.84		1.5		18.7		
25860 VA0711165					3.64						1.17		27.7	190	112.5		
25861 VA0711165					0.18						1.48		4.4		4.9		
25862 VA0711165	_				1.49				53 250		1.6 0.48		5.8		51.7		
25863 VA0711165					3.14 2.79						0.48		1.3	50 90	121.5		
25864 VA0711165 25865 VA0711165					3.73						0.3		6.7	50	84.8 88.8		
25866 VA0711165					0.97						3.45		68.4	670	41.2		
25867 VA0711165					1.87						2.52			770	71.8		
25868 VA0711165					2.72						1.83 1.98		15.1	580	95.7		
25869 VA0711165				-	1.92									160	52.4		
25870 VA0711165					4.4						2.02		29.8		136.5		
25871 VA0711165					2.7				520		3.2		43.3	1420	88.2		
25872 VA0711165					0.61						2.22			540	13.5		-
25873 VA0711165					2.04						0.73		17.5	670	52.6		
25874 VA0711165				-	0.51						0.47		36.6		18.5	0.002	
25875 VA0711165					1.94						1	3.7	40.9	1550	69.4		
25876 VA0711165					0.35						0.28	2.5	13.1	500	9.3		
25877 VA0711165					1.89					0.62	0.63		1.4	90	53.3		
25878 VA0711165				-	0.61						0.5		34.4		23.7		
25879 VA0711165					0.6						1.47			1870	16.6		
25880 VA0711165					1.18						0.08	1.2	5.4	80	28.2		
		0.24	6.6	0.051	0.45	16.6	50.5	1.24	1975	0.92	0.84	9.3	6.2	90	27.5	0.002	3.25
25881 VA0711165 25882 VA0711165					0.17		42.2				0.18	11.8	61.4	1290	7.9	0.002	4.07

	51 - Finalized															
CLIENT : "S	SAVEXP - Sava	nt Explorat	ion Ltd."													
# of SAMP	LES: 57							Ap	pendix1A-3	3 (page 3	of 3)					
DATE RECE	EIVED : 2007-0	9-26 DATE	FINALIZED	: 2007-11-2	17											
PROJECT :	"YAVA"								Yava I	Rocks						
CERTIFICA	TE COMMENT	S : "REE's m	nay not be	totally solu	uble in MS	61 method	l. "									
PO NUMB	ER : " "															
		ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS6	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
SAMPLE#	Certificate	Sb	Sc	Se	Sn	Sr	Та	Te		Ti	TI	U	V	W	Υ	Zr
		ppm	ppm		ppm	ppm	ppm	ppm		%	ppm	ppm	ppm	ppm	ppm	ppm
	VA07111650	0.25	5.3		0.7	574		0.05	7.8	0.22					-	
	VA07111650	0.4	4.9		3			0.09	5							
	VA07111650	0.27	6.5		2	68.1		0.96	5.7	0.1						
	VA07111650	0.28	4.9				-	0.49	7.5	0.06						
	VA07111650	1.13 0.37	9 16.5		4.7 1.6	28 165		0.22	3.2 2.1	0.09						
	VA07111650 VA07111650	0.37	4.4		2.2	77.4		0.14	5	0.39						
	VA07111650 VA07111650	0.00	23.9		0.8				0.9	0.14						
	VA07111650 VA07111650	0.23	5.9		5.5	46.7		0.11	5.9	0.74						
	VA07111650	0.13	5.5					0.20	4.4	0.11						
	VA07111650	0.5	25					0.14	1.1	0.44						
	VA07111650	2350	9.4		38.8			0.05	0.5	0.14						
	VA07111650	3.64	2.8	_	3.2	70.3		0.06	5.7	0.06						
25802	VA07111650	0.82	21.5	3	2.2	102	0.44	0.17	1.8	0.54	6 0.78	0.5	151	0.5	21.1	182.5
25803	VA07111650	4.76	4.9	2	2.2	11.3	0.6	0.05	2.2	0.07	5 22.8	0.9	3	2.1	12.6	229
25804	VA07111650	1.07	13.2	3	2.6	83.6	0.31	0.14	4.1	0.24	6 0.57	1	98	0.5	21.5	207
25805	VA07111650	12.65	5.9	3	1.9	111	0.5	0.13	5	0.10	3 2.85	1.1	26	0.4	22.7	147.5
25806	VA07111650	0.36	9.1			167.5	0.5	0.35	1.8		5 0.09	-		-	11.1	168.5
	VA07111650	0.42	5.9			600		0.05	7.7							
	VA07111650	0.42	2.8					0.11	4							
	VA07111650	3.76	4							0.06						
	VA07111650	0.81	5		3.9			0.43	3.5	0.06						
	VA07111650	0.6	2.4		3.2			0.11	3.5							
	VA07111651	0.12 0.17	15.8 4.2	_		76.5 23.1		0.05	2.8	0.44						
	VA07111651 VA07111651	0.17			1.8	119		0.05	1.3							
	VA07111651 VA07111651	0.13	4.6		6			0.11	6.2	0.48						
	VA07111651	0.07	2.5		0.4	624		0.15	0.6							
	VA07111651	0.08	4.7	_	0.5			0.05	5.5	0.21						
	VA07111651	0.46			2.9	34		0.05	4							
	VA07111651	0.18	12		2.2	136		0.26	4.3	0.32						
	VA07111651	0.09	10.4	3	3	58.7		0.12	6.2	0.13		1.4	14			
25861	VA07111651	0.15	11	5	60.7	71	0.89	0.05	4.6	0.21	4 0.07	1.1	45	0.3	26.9	198.5
25862	VA07111651	0.13	6.2		1.9	50.9	0.42	0.13	1.6	0.08	0.65	0.7	6	0.4	14.5	220
25863	VA07111651	0.05	4.7			62.5	1.32	0.05	9.4	0.09	0.2	1.9	1	0.9	31.6	297
	VA07111651	0.26	3	_		37.3		0.53	1							
	VA07111651	0.41	3.1					0.16								
	VA07111651	0.07	21.5		1.6			0.09	1.9	0.42						
	VA07111651	0.07	20.1		6			0.45	1.9	0.42						
	VA07111651	0.11			3.1				3.4	0.3	_					
	VA07111651	0.43														
	VA07111651	0.08														
	VA07111651 VA07111651	0.36														
	VA07111651 VA07111651	2.71						_								
	VA07111651	0.82	10.5													
	VA07111651	1.29														
	VA07111651	0.18														
	VA07111651	0.08														
	VA07111651	0.19														
	VA07111651	0.34	26.3	3	0.9											191
	VA07111651	0.42														
25881	VA07111651	0.22	5.6	2	1.9	39.1	0.68	0.26	4	0.08	1 0.17	0.9	3	2.2	23.6	211
25882	VA07111651	0.32	17.8	4	3.3	47.3	0.84	0.47	4.2	0.50	2 0.1	. 1	110	5.6	46.7	218

SAMPLE# Certificate Au	vant Explo -09-27 DA NTS: "" Au-AA23 Au opm 0.02	ATE FINALIZ		10-31				Арр	endix 1 B-	1(page 1c	of 3)	
# of SAMPLES : 43  DATE RECEIVED : 2007-0 PROJECT : "YAVA"  CERTIFICATE COMMENT PO NUMBER : " "  Au  SAMPLE# Certificate Au  pp  M4 13	-09-27 DA NTS: "" Au-AA23 Au opm 0.02	ATE FINALIZ		10-31				Арр	elidix I b	T(hage It	л э <i>ј</i>	
DATE RECEIVED: 2007-0 PROJECT: "YAVA"  CERTIFICATE COMMENT PO NUMBER: " "  Au  SAMPLE# Certificate Au  pp  M4 13	Au-AA23 Au opm 0.02		ZED : 2007-	10-31								
PROJECT: "YAVA"  CERTIFICATE COMMENT PO NUMBER: " "  Au  SAMPLE# Certificate Au  M4 13 VA071116  M4 14 VA071116  M4 15 VA071116  M4 16 VA071116  M4 17 VA071116  M4 19 VA071116  M4 19 VA071116  M4 20 VA071116  M4 21 VA071116  M4 21 VA071116  M5 21 VA071116  M6 21 VA071116  M7 22 VA071116  M2 28 VA071116  M2 29 VA071116  M2 30 VA071116  M2 40 VA071116  M2 50 VA071116  M3 50 VA071116  M4 50 VA071116  M5 70 VA071116  M6 70 VA071116  M7 70 VA071116  M8 70 VA071116  M9 70 VA07111	Au-AA23 Au opm 0.02		ZED : 2007-	10-31					.,	6 11		
CERTIFICATE COMMENT PO NUMBER: " "  Au  SAMPLE# Certificate Au  PP  M4 13 VA071116  M4 14 VA071116  M4 15 VA071116  M4 17 VA071116  M4 19 VA071116  M4 19 VA071116  M4 20 VA071116  M4 21 VA071116  M5 21 VA071116  M6 21 VA071116  M7 22 VA071116  M2 28 VA071116  M2 29 VA071116  M2 20 VA071116  M2 21 VA071116  M2 21 VA071116  M2 22 VA071116  M2 23 VA071116  M2 24 VA071116  L2 25 VA071116  L2 25 VA071116  L2 25 VA071116  L2 26 VA071116  L3 27 VA071116  L3 28 VA071116  L3 29 VA071116  R9 20 VA071116  R9 21 VA071116  R9 22 VA071116  R9 23 VA071116  R9 24 VA071116  R9 25 VA071116  R9 26 VA071116  R9 27 VA071116  R9 28 VA071116  R9 29 VA071116  R9 20 VA07	Au-AA23 Au opm 0.02								Yava	Soils		
PO NUMBER: " " Au SAMPLE# Certificate Au M4 13 VA071116 M4 14 VA071116 M4 15 VA071116 M4 16 VA071116 M4 17 VA071116 M4 19 VA071116 M4 20 VA071116 M4 21 VA071116 M4 21 VA071116 M5 21 VA071116 M6 21 VA071116 M7 22 VA071116 M7 25 VA071116 M7 25 VA071116 M7 25 VA071116 M7 26 VA071116 M7 27 VA071116 M7 28 VA071116 M7 29 VA071116 M7 29 VA071116 M7 20 VA071116 M8 20 VA071116 M9 20 VA07	Au-AA23 Au opm 0.02											
Au SAMPLE# Certificate Au  M4 13 VA071116  M4 14 VA071116  M4 15 VA071116  M4 16 VA071116  M4 17 VA071116  M4 19 VA071116  M4 20 VA071116  M4 21 VA071116  A-1 VA071116  B-1 VA071116  M21S VA071116  M22S VA071116  M22S VA071116  M22S VA071116  M23S VA071116  L2S1 VA071116  L2S1 VA071116  L2S1 VA071116  L2S2 VA071116  L2S3 VA071116  L2S4 VA071116  L2S4 VA071116  L3S5 VA071116  R9S1 VA071116  R9S1 VA071116  R9S1 VA071116  R9S1 VA071116  R9S1 VA071116  R9S3 VA071116  R9S3 VA071116  R9S3 VA071116  R9S3 VA071116  R9S3 VA071116  R8S1 VA071116  R8S1 VA071116  R8S1 VA071116  R8S1 VA071116  R8S1 VA071116  R8S1 VA071116  R8S3 VA071116  R8S3 VA071116  R8S1 VA071116  R8S3 VA071116  R8S3 VA071116  R8S3 VA071116	Au opm 0.02											
SAMPLE# Certificate Au	Au opm 0.02											
NA 13	opm 0.02					ME-ICP41	ME-ICP41		ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
M4 13 VA071116 M4 14 VA071116 M4 15 VA071116 M4 16 VA071116 M4 17 VA071116 M4 18 VA071116 M4 19 VA071116 M4 20 VA071116 M4 21 VA071116 A-1 VA071116 B-1 VA071116 MZ1S VA071116 MZ2S VA071116 MZ2S VA071116 MZ2S VA071116 MZ2S VA071116 MZ2S VA071116 MZ3S VA071116 MZ3S VA071116 L2S1 VA071116 L2S1 VA071116 L2S2 VA071116 L2S2 VA071116 L2S3 VA071116 L2S3 VA071116 L2S4 VA071116 L2S5 VA071116 L2S5 VA071116 L3S1 VA071116 R9S1 VA071116 R9S1 VA071116 R9S1 VA071116 R9S1 VA071116 R9S1 VA071116 R9S3 VA071116 R9S1 VA071116 R9S3 VA071116	0.02	Ag	Cu	Pb	Zn	Mo	As	Cd	Na	K	Mg	Mn
M4 14         VA071116           M4 15         VA071116           M4 16         VA071116           M4 17         VA071116           M4 18         VA071116           M4 19         VA071116           M4 20         VA071116           M4 21         VA071116           B-1         VA071116           B-1         VA071116           MZ1S         VA071116           MZ2S         VA071116           MZ2S         VA071116           MZ3S         VA071116           L2S1         VA071116           L2S2         VA071116           L2S3         VA071116           L2S4         VA071116           L2S5         VA071116           L3S1         VA071116           L3S2         VA071116           R9S1         VA071116           R9S2         VA071116           R8B1         VA071116           R6S1         VA071116           R5S3         VA071116           R5S3         VA071116           A1         VA071116           A2         VA071116			ppm	ppm	ppm	ppm	ppm	I I I	%	%	%	ppm
M4 15         VA071116           M4 16         VA071116           M4 17         VA071116           M4 18         VA071116           M4 19         VA071116           M4 20         VA071116           M4 21         VA071116           B-1         VA071116           B-1         VA071116           MZ1S         VA071116           MZ2S         VA071116           MZ2S         VA071116           MZ3S         VA071116           L2S1         VA071116           L2S2         VA071116           L2S3         VA071116           L2S4         VA071116           L2S5         VA071116           L3S1         VA071116           L3S2         VA071116           R9S1         VA071116           R9S2         VA071116           R8B1         VA071116           R8S1         VA071116           R5S3         VA071116           R5S3         VA071116           A1         VA071116           A2         VA071116           A3         VA071116	0.00-	1.5	63					0.5	0.01	0.1		303
M4 16         VA071116           M4 17         VA071116           M4 18         VA071116           M4 19         VA071116           M4 20         VA071116           M4 21         VA071116           B-1         VA071116           B-1         VA071116           MZ1S         VA071116           MZ2S         VA071116           MZ3S         VA071116           MZ4S         VA071116           L2S1         VA071116           L2S2         VA071116           L2S3         VA071116           L2S4         VA071116           L2S5         VA071116           L3S1         VA071116           L3S2         VA071116           R9S1         VA071116           R9S2         VA071116           R8B1         VA071116           R8S1         VA071116           R5S3         VA071116           R5S3         VA071116           R5S3         VA071116           A1         VA071116           A2         VA071116	0.005	0.2	20	11	32	1	33	0.5	0.01	0.13	0.55	134
M4 17         VA071116           M4 18         VA071116           M4 19         VA071116           M4 20         VA071116           M4 21         VA071116           A-1         VA071116           B-1         VA071116           MZ1S         VA071116           MZ2S         VA071116           MZ2S         VA071116           MZ3S         VA071116           L2S1         VA071116           L2S2         VA071116           L2S3         VA071116           L2S4         VA071116           L2S5         VA071116           L3S1         VA071116           L3S2         VA071116           R9S1         VA071116           R9S2         VA071116           R8B1         VA071116           R8B1         VA071116           R5S1         VA071116           R5S3         VA071116           R5S3         VA071116           R5S3         VA071116           A1         VA071116           A2         VA071116	0.005	0.2	46	8	61	1	52	0.5	0.01	0.19	0.84	219
M4 18         VA071116           M4 19         VA071116           M4 20         VA071116           M4 21         VA071116           A-1         VA071116           B-1         VA071116           MZ1S         VA071116           MZ2S         VA071116           MZ3S         VA071116           MZ4S         VA071116           L2S1         VA071116           L2S2         VA071116           L2S3         VA071116           L2S4         VA071116           L2S5         VA071116           L3S1         VA071116           L3S2         VA071116           R9S1         VA071116           R9S2         VA071116           R9S3         VA071116           R8B1         VA071116           R8S1         VA071116           R5S3         VA071116           R5S3         VA071116           ^4         VA071116           ^4         VA071116	0.005	0.2	34	7	49	1	35	0.5	0.01	0.14	0.66	198
M4 19         VA071116           M4 20         VA071116           M4 21         VA071116           B-1         VA071116           B-1         VA071116           MZ1S         VA071116           MZ2S         VA071116           MZ3S         VA071116           MZ4S         VA071116           L2S1         VA071116           L2S2         VA071116           L2S3         VA071116           L2S4         VA071116           L2S5         VA071116           L3S1         VA071116           L3S2         VA071116           R9S1         VA071116           R9S2         VA071116           R8B1         VA071116           R8B1         VA071116           R5S1         VA071116           R5S3         VA071116           R5S3         VA071116           A1         VA071116           A2         VA071116           A4         VA071116	0.012	0.7	117	6			2	0.5	0.24	0.22	2.01	3810
M4 20         VA071116           M4 21         VA071116           M4 21         VA071116           B-1         VA071116           C-1         VA071116           MZ1S         VA071116           MZ2S         VA071116           MZ3S         VA071116           MZ4S         VA071116           L2S1         VA071116           L2S2         VA071116           L2S3         VA071116           L2S4         VA071116           L2S5         VA071116           L3S1         VA071116           R3S1         VA071116           R9S1         VA071116           R9S2         VA071116           R8B1         VA071116           R8B1         VA071116           R5S1         VA071116           R5S3         VA071116           R5S3         VA071116           A1         VA071116           A2         VA071116           A4         VA071116	0.032	2	48	16	88	2	18	0.5	0.04	0.34	0.29	190
M4 21         VA071116           A-1         VA071116           B-1         VA071116           C-1         VA071116           MZ1S         VA071116           MZ2S         VA071116           MZ3S         VA071116           MZ4S         VA071116           L2S1         VA071116           L2S2         VA071116           L2S3         VA071116           L2S4         VA071116           L2S5         VA071116           L3S1         VA071116           R9S1         VA071116           R9S2         VA071116           R9S3         VA071116           R8B1         VA071116           R8S1         VA071116           R5S1         VA071116           R5S1         VA071116           R5S3         VA071116           R5S3         VA071116           A1         VA071116           A2         VA071116           A4         VA071116	0.008	0.3	68	14	130	1	59	0.5	0.01	0.18	0.7	512
A-1 VA071116 B-1 VA071116 C-1 VA071116 C-1 VA071116 MZ1S VA071116 MZ2S VA071116 MZ2S VA071116 MZ3S VA071116 L2S1 VA071116 L2S1 VA071116 L2S2 VA071116 L2S3 VA071116 L2S4 VA071116 L2S5 VA071116 L2S5 VA071116 L3S1 VA071116 L3S2 VA071116 R9S1 VA071116 R9S1 VA071116 R9S1 VA071116 R9S1 VA071116 R9S3 VA071116 R8B1 VA071116 R8B1 VA071116 R8S51 VA071116 R8S51 VA071116 R5S1 VA071116 R5S3 VA071116	0.005	0.3	63	10	30	2	67	0.5	0.01	0.13	0.42	122
B-1 VA071116 C-1 VA071116 C-1 VA071116 MZ1S VA071116 MZ2S VA071116 MZ2S VA071116 MZ3S VA071116 L2S1 VA071116 L2S1 VA071116 L2S2 VA071116 L2S3 VA071116 L2S4 VA071116 L2S5 VA071116 L3S1 VA071116 L3S2 VA071116 R9S1 VA071116 R9S2 VA071116 R9S3 VA071116 R9S3 VA071116 R8B1 VA071116 R8B1 VA071116 R6S1 VA071116 R6S1 VA071116 R5S1 VA071116 R5S3 VA071116	0.02	2.3	113	9	83	5	25	0.5	0.01	0.06	0.36	176
C-1 VA071116 MZ1S VA071116 MZ2S VA071116 MZ2S VA071116 MZ3S VA071116 MZ4S VA071116 L2S1 VA071116 L2S2 VA071116 L2S2 VA071116 L2S3 VA071116 L2S5 VA071116 L3S1 VA071116 L3S2 VA071116 R9S1 VA071116 R9S2 VA071116 R9S3 VA071116 R8B1 VA071116 R8B1 VA071116 R8S1 VA071116 R8S1 VA071116 R8S1 VA071116 R8S1 VA071116 R8S1 VA071116 R8S1 VA071116 R5S1 VA071116 R5S3 VA071116 R5S3 VA071116 R5S3 VA071116 R5S3 VA071116 R5S3 VA071116	0.012	0.3	70	12	131	2	65	0.5	0.01	0.18	0.7	449
MZ1S VA071116 MZ2S VA071116 MZ3S VA071116 MZ3S VA071116 MZ4S VA071116 L2S1 VA071116 L2S2 VA071116 L2S3 VA071116 L2S4 VA071116 L2S5 VA071116 L3S1 VA071116 L3S2 VA071116 R9S1 VA071116 R9S2 VA071116 R9S3 VA071116 R8B1 VA071116 R8B1 VA071116 R6S1 VA071116 R6S1 VA071116 R5S1 VA071116 R5S1 VA071116 R5S1 VA071116 R5S1 VA071116 R5S3 VA071116 R5S3 VA071116 R5S3 VA071116 R5S3 VA071116 R5S3 VA071116 R5S3 VA071116	0.005	0.2	27	5	44	1	7	0.5	0.01	0.16	0.71	183
MZ2S VA071116 MZ3S VA071116 MZ4S VA071116 L2S1 VA071116 L2S2 VA071116 L2S3 VA071116 L2S4 VA071116 L2S5 VA071116 L3S1 VA071116 L3S2 VA071116 R9S1 VA071116 R9S2 VA071116 R9S3 VA071116 R8B1 VA071116 R8B1 VA071116 R6S1 VA071116 R6S1 VA071116 R5S1 VA071116 R5S1 VA071116 A4VA071116 A5S3 VA071116 R5S3 VA071116 R5S4 VA071116 R5S7 VA071116 R5S7 VA071116 R5S7 VA071116 R5S7 VA071116 R5S7 VA071116 R5S7 VA071116	0.005	0.2	19	8	30	1	36	0.5	0.01	0.12	0.51	124
MZ3S VA071116 MZ4S VA071116 L2S1 VA071116 L2S2 VA071116 L2S3 VA071116 L2S4 VA071116 L2S5 VA071116 L3S1 VA071116 L3S2 VA071116 R9S1 VA071116 R9S2 VA071116 R9S3 VA071116 R8B1 VA071116 R8B1 VA071116 R8S1 VA071116 R6S1 VA071116 R5S1 VA071116 ASS1 VA071116 R5S3 VA071116 ASS3 VA071116 R5S1 VA071116 R5S3 VA071116 R5S3 VA071116 R5S3 VA071116 AV071116	0.074	15.8	341	895	136	1	188	0.5	0.02	0.29	0.57	137
MZ4S VA071116 L2S1 VA071116 L2S2 VA071116 L2S2 VA071116 L2S3 VA071116 L2S4 VA071116 L2S5 VA071116 L3S1 VA071116 L3S2 VA071116 R9S1 VA071116 R9S2 VA071116 R9S3 VA071116 R8B1 VA071116 R6S1 VA071116 R6S1 VA071116 R5S1 VA071116 R5S1 VA071116 R5S3 VA071116 R5S3 VA071116 A1 VA071116 A2 VA071116 A4 VA071116	3.28	506	83	42400	59	2	217	0.5	0.04	0.19	0.1	29
L2S1 VA071116 L2S2 VA071116 L2S3 VA071116 L2S4 VA071116 L2S5 VA071116 L2S5 VA071116 L3S1 VA071116 L3S2 VA071116 R9S1 VA071116 R9S2 VA071116 R9S3 VA071116 R8B1 VA071116 R6S1 VA071116 R6S1 VA071116 R5S1 VA071116 R5S3 VA071116 R5S3 VA071116 R5S3 VA071116 R5S3 VA071116 A1 VA071116 A2 VA071116 A4 VA071116	0.033	4.7	56	77	47	4	7	0.5	0.04	0.54	0.48	236
L2S2 VA071116 L2S3 VA071116 L2S4 VA071116 L2S5 VA071116 L3S1 VA071116 L3S2 VA071116 R9S1 VA071116 R9S2 VA071116 R9S3 VA071116 R8B1 VA071116 R6S1 VA071116 M4S1 VA071116 R5S1 VA071116 R5S3 VA071116 R5S3 VA071116 A1 VA071116 A2 VA071116 A2 VA071116 A4 VA071116	0.168	41.5	111	855	113	1	151	0.5	0.09	1.21	0.78	111
L2S3 VA071116 L2S4 VA071116 L2S5 VA071116 L3S1 VA071116 L3S2 VA071116 R9S1 VA071116 R9S2 VA071116 R9S3 VA071116 R8B1 VA071116 R6S1 VA071116 M4S1 VA071116 R5S1 VA071116 R5S3 VA071116 A1 VA071116 A2 VA071116 A4 VA071116	0.005	0.3	20	13	24	1	6	0.5	0.01	0.12	0.32	101
L2S4 VA071116 L2S5 VA071116 L3S1 VA071116 L3S2 VA071116 R9S1 VA071116 R9S2 VA071116 R9S3 VA071116 R8B1 VA071116 R6S1 VA071116 M4S1 VA071116 R5S1 VA071116 R5S3 VA071116 A1 VA071116 A2 VA071116 A4 VA071116	0.005	0.3	44	12	27	2	29	0.5	0.03	0.33	0.43	120
L2S5 VA071116 L3S1 VA071116 L3S2 VA071116 R9S1 VA071116 R9S2 VA071116 R9S3 VA071116 R8B1 VA071116 R6S1 VA071116 M4S1 VA071116 R5S1 VA071116 R5S3 VA071116 A1 VA071116 A2 VA071116 A4 VA071116	0.005	1.5	60	18	25	3	7	0.5	0.15	0.71	0.64	123
L3S1 VA071116 L3S2 VA071116 R9S1 VA071116 R9S2 VA071116 R9S3 VA071116 R8B1 VA071116 R6S1 VA071116 M4S1 VA071116 R5S1 VA071116 R5S3 VA071116 ^1 VA071116 ^2 VA071116 ^4 VA071116	0.005	0.2	22	11	30	1	4	0.5	0.01	0.12	0.35	94
L3S2         VA071116           R9S1         VA071116           R9S2         VA071116           R9S3         VA071116           R8B1         VA071116           R6S1         VA071116           M4S1         VA071116           R5S3         VA071116           R5S3         VA071116           ^1         VA071116           ^2         VA071116           ^4         VA071116	0.005	0.2	14	5	20	1	2	0.5	0.01	0.09	0.28	79
R9S1 VA071116 R9S2 VA071116 R9S3 VA071116 R8B1 VA071116 R6S1 VA071116 M4S1 VA071116 R5S1 VA071116 R5S3 VA071116 ^1 VA071116 ^2 VA071116 ^4 VA071116	0.005	0.2	8	3	16	1	3	0.5	0.01	0.08	0.29	91
R9S2 VA071116 R9S3 VA071116 R8B1 VA071116 R6S1 VA071116 M4S1 VA071116 R5S1 VA071116 R5S3 VA071116 ^1 VA071116 ^2 VA071116 ^4 VA071116	0.007	0.2	8	4	12	1	3	0.5	0.01	0.07	0.25	73
R9S3 VA071116 R8B1 VA071116 R6S1 VA071116 M4S1 VA071116 R5S1 VA071116 R5S3 VA071116 ^1 VA071116 ^2 VA071116 ^4 VA071116	0.005	1.1	131	27	338	2	19	0.5	0.01	0.13	0.28	71
R8B1 VA071116 R6S1 VA071116 M4S1 VA071116 R5S1 VA071116 R5S3 VA071116 ^1 VA071116 ^2 VA071116 ^4 VA071116	0.005	0.3	54	44	82	1	23	0.5	0.02	0.21	0.74	168
R6S1 VA071116 M4S1 VA071116 R5S1 VA071116 R5S3 VA071116 ^1 VA071116 ^2 VA071116 ^4 VA071116	0.005	0.2	36	6	59	1	21	0.5	0.01	0.18	0.81	193
M4S1 VA071116 R5S1 VA071116 R5S3 VA071116 ^1 VA071116 ^2 VA071116 ^4 VA071116	0.005	0.2	35	6	51	1	18	0.5	0.01	0.24	0.84	202
R5S1 VA071116 R5S3 VA071116 ^1 VA071116 ^2 VA071116 ^4 VA071116	0.017	3.3	184	12	73		10	0.5	0.03	0.24	0.38	127
R5S1 VA071116 R5S3 VA071116 ^1 VA071116 ^2 VA071116 ^4 VA071116	0.015	0.6	63	11	63			0.5	0.02		0.71	338
R5S3 VA071116 ^1 VA071116 ^2 VA071116 ^4 VA071116	0.005	0.2	34				13	0.5	0.01	0.17	0.76	
^1 VA071116 ^2 VA071116 ^4 VA071116	0.005	0.2						0.5	0.01			
^2 VA071116 ^4 VA071116	0.037	1.8	114		63			0.5	0.03		0.34	
^4 VA071116	0.012	1.5	131					0.5	0.01		0.24	
	0.012	0.3	52					0.5	0.01	0.19	0.66	
	0.005	0.4	41					0.5	0.09		0.64	
T5S2 VA071116	0.005	0.3	52					0.5	0.01		1.23	
T5S3 VA071116	0.005	0.3	39					0.5	0.03		0.79	
T5S5 VA071116	0.011	0.3	42					0.5	0.04		0.76	
T3S1 VA071116	0.005	0.8					4	0.5	0.02		0.8	
CS1 VA071116	5.003		178					0.5	0.02			
T2S1 VA071116	0 036	0.3	25					0.5	0.04			
T1S1 VA071116	0.036	1.2	102					0.5	0.04		0.41	163
121 4/0/1110	0.036 0.005 0.047	1.2	102	11	+3		, ,	0.5	0.03	0.39	0.41	103

VA 07444C	FF Finaliand												
	55 - Finalized												
	SAVEXP - Sava	int Explora	tion Ltd."										
# of SAMP	PLES: 43							Appendi	x 1B-2 (Pa	ge 2 of 3)			
DATE RECI	EIVED : 2007-0	9-27 DATE	FINALIZED	: 2007-10-	31								
PROJECT:	"YAVA"								Yava Soils				
CERTIFICA	TE COMMENT	rs : ""											
PO NUMB	ER:""												
		ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE#	Certificate	Al	В	Ва	Be	Bi	Ca	Co	Cr	Fe	Ga		La
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
M4 13	VA07111655	1.12	• •	20	0.5		0.05		14	11.55			• • • • • • • • • • • • • • • • • • • •
M4 14	VA07111655	1.31	10	50	0.5	2	0.06	5	38	2.46	10	1	10
M4 15	VA07111655	1.7	10	60	0.5	2			58	2.95	10	1	
M4 16	VA07111655	1.52	10	60	0.5				50				
M4 17	VA07111655	4.17	10	120	0.5			1	134				
M4 18	VA07111655	0.68	10	80	0.5			1	30				
M4 19	VA07111655	1.85	10	60	0.5				48				
M4 20	VA07111655	0.89	10	40	0.5			1	38				
M4 21	VA07111655	1.21	10	10	0.5				31				
A-1	VA07111655	1.85	10	60	0.5				48				
B-1	VA07111655	1.35	10	50	0.5			11	50				
C-1	VA07111655	1.23	10	50	0.5				36				
MZ1S	VA07111655	1.13	10	90	0.5			3	47				
MZ2S	VA07111655	0.25	10	100	0.5			1	15				
MZ3S	VA07111655	0.23	10	30	0.5			1	2				
MZ4S	VA07111655	1.18		80	0.5				59				
L2S1	VA07111655	0.57	10	30	0.5				19				
L2S2	VA07111655	0.37	10	70	0.5	2		4	48				
L2S3	VA07111655	0.80	10	30	0.5			1	3				
L2S4	VA07111655	0.82	10	30	0.5			4	20				
L2S5	VA07111655 VA07111655	0.7	10	30	0.5		_		17				
L3S1	VA07111655	0.55	10	30	0.5				18				
L3S2		0.33	10	20	0.5				15				
	VA07111655												
R9S1	VA07111655	0.81	10	50	0.5				38				
R9S2	VA07111655	1.41	10	60	0.5				58				
R9S3	VA07111655	1.78	10	50	0.5			1	60				
R8B1	VA07111655	1.68	10	60 70	0.5			1	60				
R6S1	VA07111655	0.94	10		0.5				37				
M4S1	VA07111655 VA07111655	1.9	10	50 50	0.5			<u> </u>	62 58				
R5S1		1.48	10		0.5								
R5S3	VA07111655	1.58	10	50	0.5				59				
^1	VA07111655	0.7		40	0.5				31				
^2	VA07111655	0.98		10	0.5								
^4	VA07111655	1.39	10	90	0.5								
T5S1	VA07111655	1.39		160	0.5			1					
T5S2	VA07111655	1.39		180	0.5				93				
T5S3	VA07111655	1.39	10	180	0.5				59				
T5S5	VA07111655	1.39	10	210	0.5				64				
T3S1	VA07111655	1.39		140	0.5								
CS1	VA07111655	1.39	10	30	0.5				14				
T2S1	VA07111655	1.39	10	30	0.5				4				
T1S1	VA07111655	1.39	10	110	0.5	2	0.02	5	40	13.15	10	1	10

V A 07444C	ss stadt al												
	55 - Finalized												
	SAVEXP - Sava	nt Explora	tion Lta."										
# of SAMP	LES: 43						Ар	pendix 1B-	3 (page3 o	† 3)			
DATE RECE	EIVED: 2007-0	9-27 DATE	FINALIZED	: 2007-10-	31								
PROJECT:	"YAVA"							Yava	Soils				
CERTIFICA	TE COMMENT	S:""											
PO NUMBI	ER : " "												
		ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE#	Certificate	Ni	Р	S	Sb	Sc	Sr	Th	Ti	TI	U	V	W
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
M4 13	VA07111655	5	600	0.28	2	2	3	20	0.06	10	10	25	10
M4 14	VA07111655	18	390	0.06	2	2	6	20	0.05	10	10	33	10
M4 15	VA07111655	25	410	0.1	2	3	13	20	0.05	10	10	38	10
M4 16	VA07111655	30	440	0.06	2	3	8	20	0.06	10	10	41	10
M4 17	VA07111655	130	510	0.34	4	18	41	20	0.17	10	10	183	10
M4 18	VA07111655	9	530	0.87	2	3	10	20	0.1	10	10	54	10
M4 19	VA07111655	26	610	0.17	2	4	8	20	0.07	10	10	43	10
M4 20	VA07111655	10	500	0.3	2		7	20	0.06	10	10	37	
M4 21	VA07111655	7	810	0.2	2	2	4	20	0.08	10	10	47	10
A-1	VA07111655	24	630	0.19	2	4	8	20	0.07	10	10	44	10
B-1	VA07111655	34	420	0.02	2	3	6	20	0.05	10	10	36	10
C-1	VA07111655	16	390	0.06	2		6	20	0.05	10	10	32	
MZ1S	VA07111655	14	1010	0.49	15			20	0.13	10	10	91	
MZ2S	VA07111655	2	340	1.57	480					10			
MZ3S	VA07111655	2	160	1.04	2					10	10		
MZ4S	VA07111655	9		2.26	18					30			
L2S1	VA07111655	10		0.08	3					10			
L2S2	VA07111655	13	720	0.86	3					10			
L2S3	VA07111655	2	280	1.96	3					10			
L2S4	VA07111655	14		0.02	2								
L2S5	VA07111655	12	270	0.01	2					10			
L3S1	VA07111655	11	330	0.01	2					10			
L3S2	VA07111655	9		0.01	2					10			
R9S1	VA07111655	12	580	0.68	2					10			
R9S2	VA07111655	24		0.27	2					10			
R9S3	VA07111655	37	320	0.02	2					10			
R8B1	VA07111655	39		0.01	2	_				10			
R6S1	VA07111655	16		1.42	2					10			
M4S1	VA07111655	23	620	0.26	2					10			
R5S1	VA07111655	36		0.01	2					10			
R5S3	VA07111655	38		0.01	2					10			
	VA07111655	8								10			
	VA07111655	3		0.29	2					10			
^4	VA07111655	17			2								
T5S1	VA07111655	16			2								
T5S2	VA07111655	27			2								
	VA07111655	18											
	VA07111655	16			2								
T3S1	VA07111055 VA07111655	31	540		2								
	VA07111655	4		0.77									
	VA07111655 VA07111655	1	70		2								
T1S1	VA07111655 VA07111655	12			2								
11777	A VO. TTT000	12	400	0.7		4		20	0.11	10	10	47	10

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