ASSESSMENT REPORT

on

Prospecting and Soil and Rock Sampling

of the

ALLENDALE PROPERTY

Alley 1 to 50 Mineral Claims

Osoyoos and Greenwood Mining Divisions,

British Columbia

NTS
Latitude 49°23' N
Longitude 119°21' W

Prepared for:

Santoy Resources Ltd.
900-475 Howe Street
Vancouver, B.C.
V6C-2B3

by:

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V1B-2X3

April 4, 2002

TABLE OF CONTENTS

Page No.

LIST OF APPENDICES

LIST OF FIGURES

LIST OF MAPS

SUMMARY

The Alley claims cover most of the 8 km. sq. Allendale, Eocene-aged, Coryell stock located east of Okanagan Falls in the south Okanagan Valley of BC. They were optioned in the spring of 2001 as a potential alkalic porphyry copper target with elevated gold and platinum group metals after a grab sample taken by the vendor returned 1.85 g/t PGE plus Au. An initial program of rock grab sampling of old workings, showings and pyroxenite boulders along roads returned highly anomalous values of up to 2.2 % Cu, 31.8 ppm Ag, 1048 ppb Au, 66 ppb Pt and 407 ppb Pd. A follow-up program included chip sampling of the Spoon showing, prospecting and rock sampling over the entire property and detailed soil sampling over the Spoon target along with soil sampling over widely spaced reconnaissance lines established over the western side of the stock. This work revealed the Allendale stock is composed largely of very fresh syenite. The zone of copper mineralization with elevated gold and platinum group elements appears quite limited and there is no indication of a hydrothermal alteration or mineralizing system associated with it

The most interesting target on the property as defined by geophysical and geochemical surveys of previous workers continues to be the low-lying, swampy bowl situated south of the known showings. Any future work on the property should be directed at this potentially mineralized and glacier eroded area. A short ground magnetometer and reconnaissance style IP survey conducted in winter months are recommended to test this area and identify potential drill targets for future testing.

INTRODUCTION

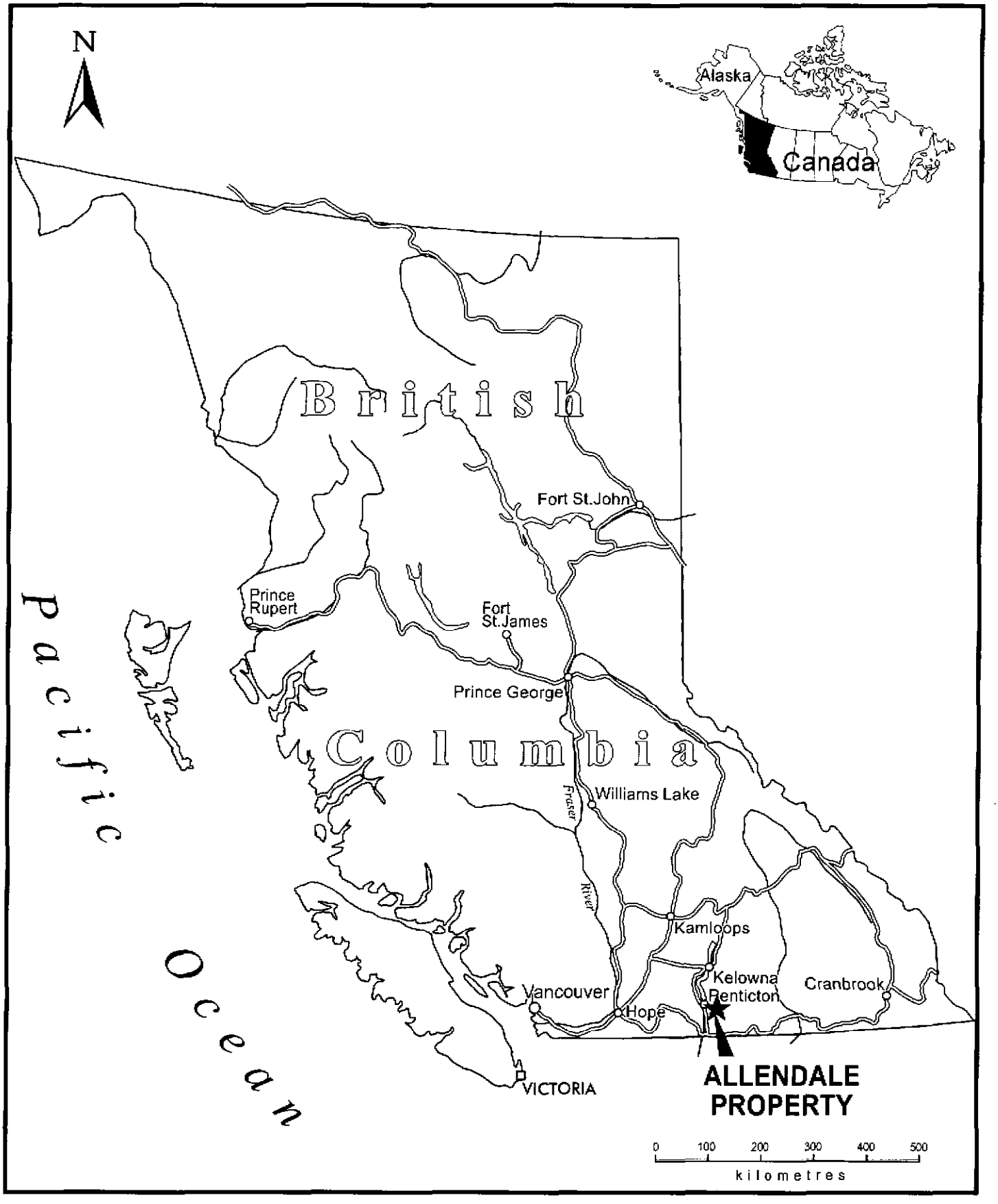
The Alley mineral claims cover a syenitic stock hosting copper mineralization in the south Okanagan region of central British Columbia. The claims were originally staked in early 2001 by Adam Travis who through the course of a Prospector's Assistance Grant, recognized the geological setting as being similar to other alkalic porphyry copper targets where enriched platinum group elements along with gold were being discovered. Following a short study and sampling program which yielded a sample grading 1.85 g/t PGE + Au from the old Spoon target (Appendices B and C), the claims were optioned to Santoy Resources Ltd. who carried out prospecting along with soil and rock sampling to assess the platinum group potential of the property.

The work was conducted during three separate trips to the property and included prospecting, reconnaissance style geological mapping and the collection of 58 rock samples and 200 soil samples. All known showings and workings both on and near the claims were visited and examined and a thorough review of all historical work was completed.

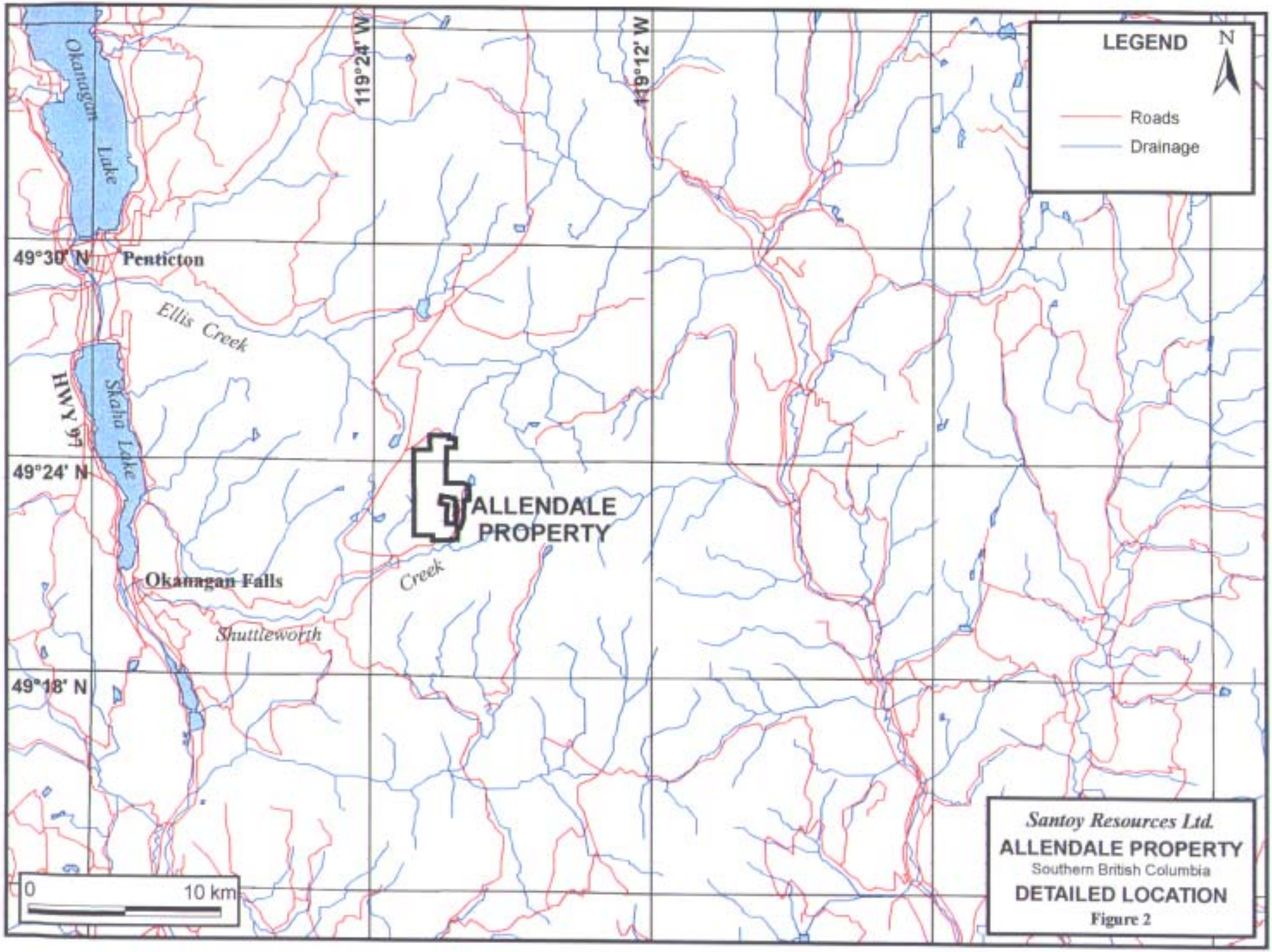
Field work was carried out by Clay Travis (sampler), Dave Mehner (geologist) and Adam Travis (geologist) on behalf of Santoy Resources Ltd..

Location and Access

The Allendale property is situated along the plateau that separates the Okanagan Valley to the west from the Kettle River Valley to the east approximately 20 km south south-east of Penticton, B.C. in the south Okanagan (Figure 1). The claims are plotted on map sheets 82E/034 and 82E/044 and are centered approximately 1.5 km west of Allendale Lake at 1700 meters elevation. Co-ordinates are 49°23' N latitude and 119°21' W longitude (Figure 2).



Santoy Resources Ltd.
Allendale Property
LOCATION MAP
Figure 1


LEGEND
N
Roads
Drainage
119°24' W
119°12' W
49°30' N
Penticton
Okanagan Lake
Ellis Creek
HWY 97
Skaha Lake
49°24' N
ALLENDALE PROPERTY
Okanagan Falls
Creek
Shuttleworth
49°18' N
0
10 km
Santoy Resources Ltd.
ALLENDALE PROPERTY
Southern British Columbia
DETAILED LOCATION
Figure 2

Access is via 25 km. of well maintained logging road leaving Highway 97 at Okanagan Falls and heading east along Shuttleworth Creek for 20 km then north along Kilmer Creek towards Allendale Lake. From there a number of roads and trails on the property are negotiable with a pick-up truck.

Topography and Vegetation

In the west central part of the property, a northeast trending ridge acts as a divide, separating relatively gently to moderately rolling topography with predominantly moderate, north facing slopes to the north from a steep sloped, south-facing bowl to the south. Local rocky knolls and precipitous terrain are most often associated with the upper edges of the bowl-shaped topography on the south side of the ridge.

Elevations on the property range from 1860 meters above sea level atop the divide ridge to 1520 meters above sea level along Kilmer Creek in the southern part of the property.

The entire property is situated below tree line and aside from logged-out areas is covered by light stands of jack pine with spruce and alder common in the lowermost parts of the property. Swampy meadows occur in two areas along Kilmer Creek: around a small pond in the heart of the "bowl" feature situated at the headwaters of the creek and lower down towards the southern edge of the property.

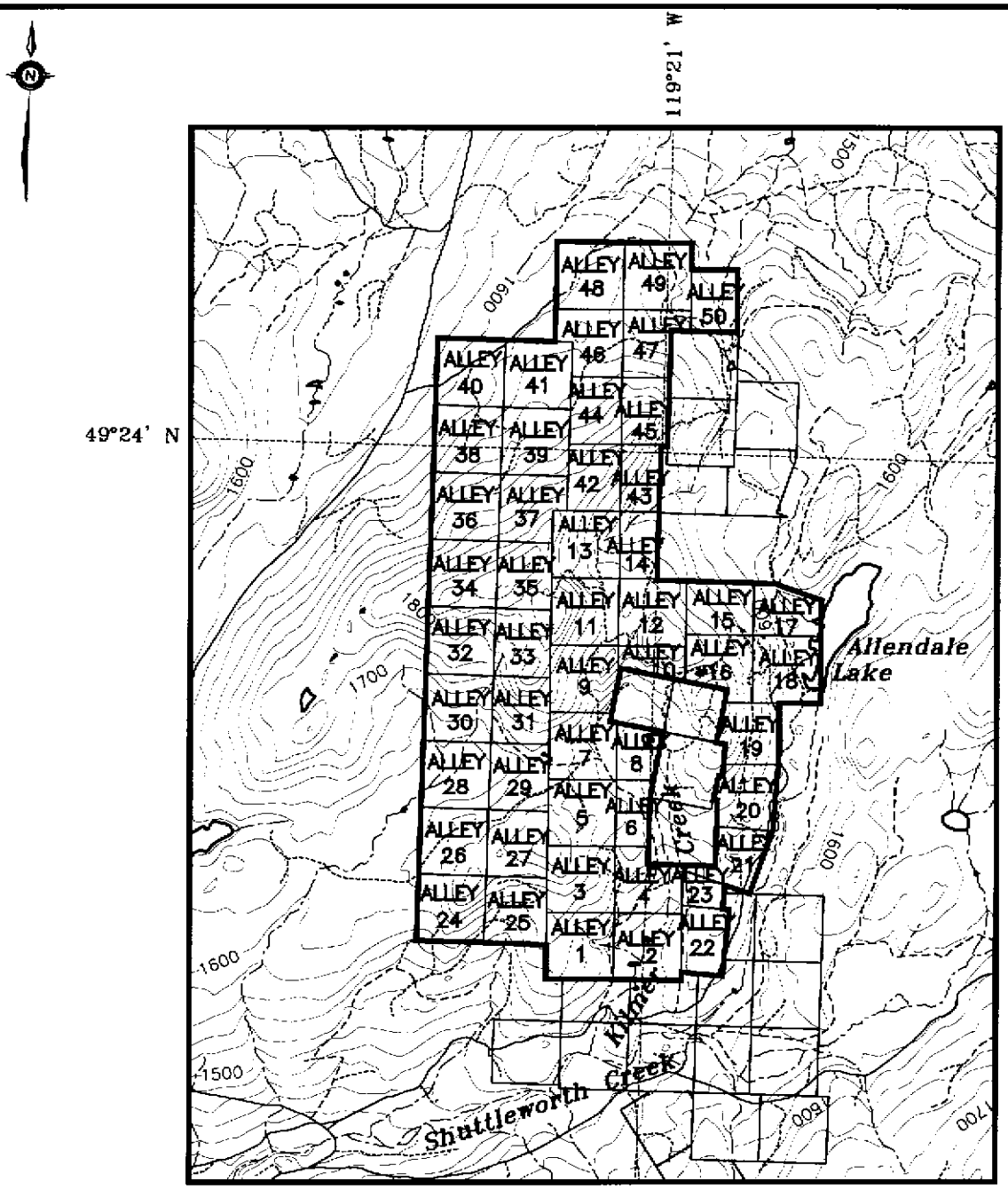
Glacial overburden is widespread throughout the property but appears thickest at lower elevations, especially in low-lying areas along Kilmer Creek and on the north facing slopes north of the divide.

Property and Ownership

The Allendale property is made up of the Alley 1-50, two post mineral claims located in the Osoyoos and Greenwood Mining Divisions (Figure 3). They include the following:

Table 1. Alley Property Claims

Claim	Mining Division	Tenure No.	Date Recorded	Due Date *
Alley 1	Osoyoos	383534	Jan 18-01	Jan.18-05
Alley 2	Osoyoos	383535	Jan 18-01	Jan 18-05
Alley 3	Osoyoos	383536	Jan 18-01	Jan 18-05
Alley 4	Osoyoos	383537	Jan 18-01	Jan 18-05
Alley 5	Osoyoos	383538	Jan 18-01	Jan 18-05
Alley 6	Osoyoos	383539	Jan 18-01	Jan 18-05
Alley 7	Osoyoos	383540	Jan 18-01	Jan 18-05
Alley 8	Osoyoos	383541	Jan 18-01	Jan 18-05
Alley 9	Osoyoos	383542	Jan 18-01	Jan 18-05
Alley 10	Osoyoos	383543	Jan 18-01	Jan 18-05
Alley 11	Osoyoos	383544	Jan 18-01	Jan 18-05
Alley 12	Osoyoos	383545	Jan 18-01	Jan 18-05
Alley 13	Osoyoos	383546	Jan 18-01	Jan 18-05
Alley 14	Osoyoos	383547	Jan 18-01	Jan 18-05
Alley 15	Osoyoos	383548	Jan 19-01	Jan 18-05
Alley 16	Osoyoos	383549	Jan 19-01	Jan 18-05



LEGEND

- Road – gravel 2 lane
- Road – gravel 1 lane
- Road – rough
- River / stream
- Property Boundary

0 2 km

Contour interval is 20m

Santoy Resources Ltd.

ALLENDALE PROPERTY

Southern BRITISH COLUMBIA

CLAIM MAP

Scale: 1:50,000	BCGS: 082E034,044	**Fig: 3**
Date: Apr 2002	NTS: 082E/06	

Claim	Mining Division	Tenure No.	Date Recorded	Due Date *
Alley 17	Osoyoos	383550	Jan 19-01	Jan 18-05
Alley 18	Osoyoos	383551	Jan 19-01	Jan 18-05
Alley 19	Osoyoos	383552	Jan 19-01	Jan 18-05
Alley 20	Osoyoos	383553	Jan 19-01	Jan 18-05
Alley 21	Osoyoos	383554	Jan 19-01	Jan 18-05
Alley 22	Osoyoos	383879	Feb 07-01	Jan 18-05
Alley 23	Osoyoos	383880	Feb 07-01	Jan 18-05
Alley 24	Osoyoos	383881	Feb 08-01	Jan 18-05
Alley 25	Osoyoos	383882	Feb 08-01	Jan 18-05
Alley 26	Osoyoos	383883	Feb 10-01	Jan 18-05
Alley 27	Osoyoos	383884	Feb 10-01	Jan 18-05
Alley 28	Osoyoos	383885	Feb 10-01	Jan 18-05
Alley 29	Osoyoos	383886	Feb 10-01	Jan 18-05
Alley 30	Osoyoos	383887	Feb 10-01	Jan 18-05
Alley 31	Osoyoos	383888	Feb 10-01	Jan 18-05
Alley 32	Osoyoos	383889	Feb 10-01	Jan 18-05
Alley 33	Osoyoos	383890	Feb 10-01	Jan 18-05
Alley 34	Osoyoos	383891	Feb 10-01	Jan 18-05
Alley 35	Osoyoos	383892	Feb 10-01	Jan 18-05
Alley 36	Osoyoos	383893	Feb 10-01	Jan 18-05
Alley 37	Osoyoos	383894	Feb 10-01	Jan 18-05
Alley 38	Osoyoos	383895	Feb 10-01	Jan 18-05
Alley 39	Osoyoos	383896	Feb 10-01	Jan 18-05
Alley 40	Greenwood	383897	Feb 10-01	Jan 18-05
Alley 41	Greenwood	383898	Feb 10-01	Jan 18-05
Alley 42	Greenwood	383899	Feb 11-01	Jan 18-05
Alley 43	Greenwood	383900	Feb 11-01	Jan 18-05
Alley 44	Greenwood	383901	Feb 11-01	Jan 18-05
Alley 45	Greenwood	383902	Feb 11-01	Jan 18-05
Alley 46	Greenwood	383903	Feb 11-01	Jan 18-05
Alley 47	Greenwood	383904	Feb 11-01	Jan 18-05
Alley 48	Greenwood	383905	Feb 11-01	Jan 18-05
Alley 49	Greenwood	383906	Feb 11-01	Jan 18-05
Alley 50	Greenwood	383907	Feb 11-01	Jan 18-05

* *due date after grouping and filing this report*

The claims are owned by Santoy Resources Ltd. with offices at Suite 900, 475 Howe Street, Vancouver, B.C. V6C 2B3.

PREVIOUS WORK

The first record of copper mineralization being discovered in the area was in 1966 when R.W. McLean and K.G. Ewers staked the Lynx claims over a showing 1.25 km west of Allendale Lake. These were

optioned to General Resources Ltd. who reportedly spent $25,000 on trenching and access road construction. In 1968 Gunnex Ltd. optioned the property and completed detailed soil geochemical and ground magnetometer surveys over the main mineralized area. This was followed by Selco Exploration Co. Ltd. who optioned the property in 1971 and then carried out limited IP geophysical survey work before drilling 2 holes. The results were low and the option dropped. From then until 1981 when Knie Resources carried out an assessment of the Moon and Dick claims no work is recorded in the area.

In 1982 Allendale Resources acquired the property and drilled 5 holes. Kerr Dawson and Associates were hired to log the core and on the basis of their recommendations 44 km of widespread grid soil geochemical sampling along with ground magnetometer and IP surveys were carried out in 1983. Five targets for follow-up drill testing were defined but never tested.

In 1986 Noranda Exploration Co. optioned claims in the area and conducted further recce. style soil geochemical sampling. Results were poor and the option dropped.

Yukon Minerals Corp. optioned all claims in the area in 1989 and carried out limited geological mapping, geophysical surveys and diamond drilling before dropping the option.

A compilation of most of this previous work is plotted on Map 1.

GEOLOGY

Regional Setting

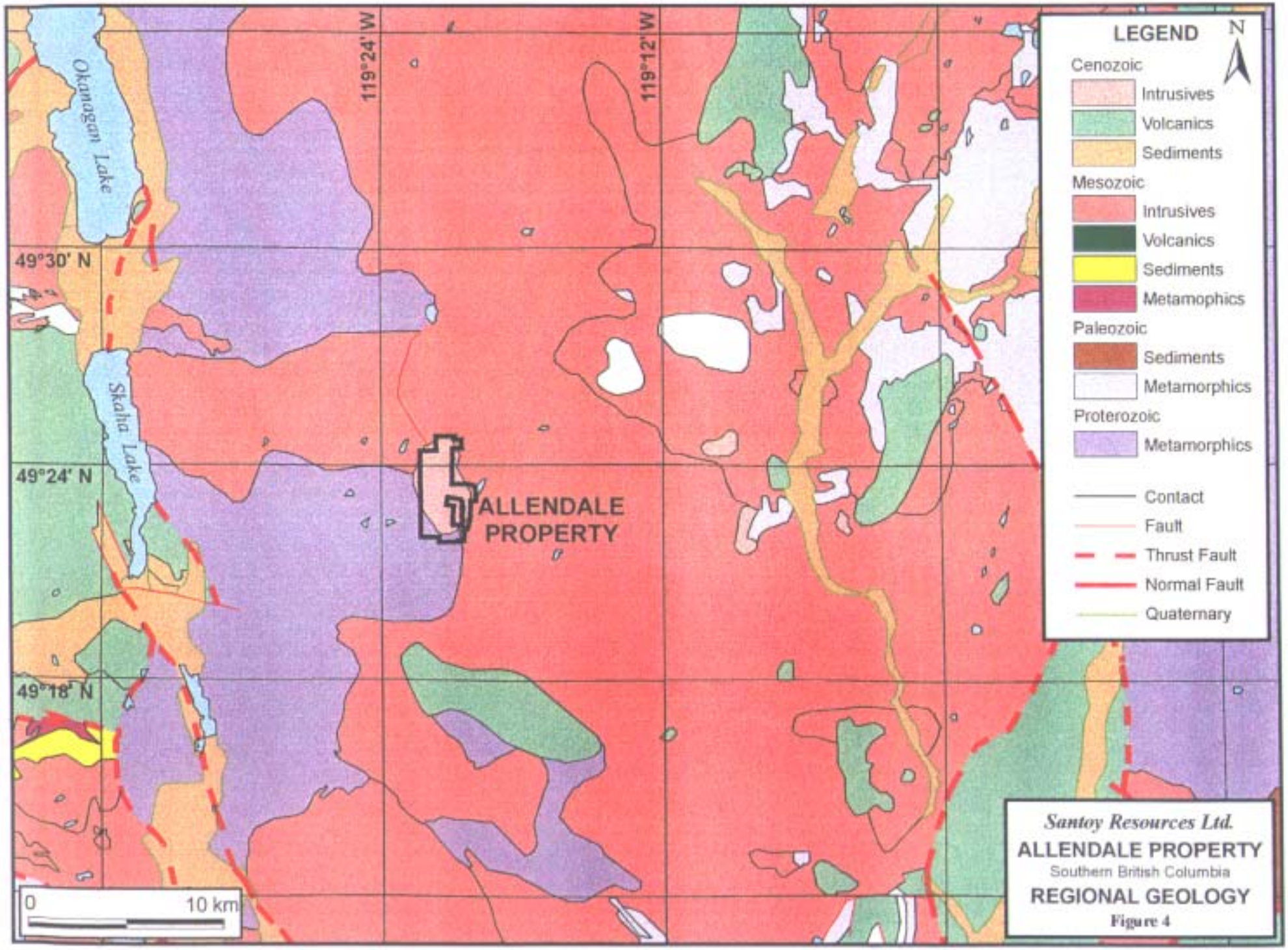
The focus of the Allendale property is an 8 sq. km., elliptical shaped, Eocene aged, Coryell, alkalic stock (Figure 4) which has intruded schists and gneisses of the Eocene(?), Okanagan Gneiss and granitic rocks of the Creatceous and/or Jurassic Okanagan Batholith and hornblende granodiorite of possibly Eocene age (Templeman-Kluit, 1989).

Property Geology

Lithologies:

On the property, the oldest rocks are schists and gneisses which were originally mapped as Proterozoic but most recently dated as Eocene. These rocks which outcrop in the extreme south and southwest corners of the claim group (Map 2) form the western boundary of the Allendale Stock.

Within the Alley claims, most of the Allendale Stock is composed of medium to coarse grained, dark grey, hornblende-biotite syenite composed primarily of orthoclase feldspar crystals 1 to 3 cm in diameter with 5-10% interstitial mafics, usually as biotite clots. A subtle increase in mafic content to as much as 25-30% is evident in the southwestern part of the property however the relatively equigranular, homogenous nature of the syenite makes separation into meaningful units very difficult if not impossible. Apatite and magnetite are common throughout the syenite with magnetite content increasing to 3-5% in areas where biotite clusters occur.


LEGEND
N
Cenozoic
Intrusives
Volcanics
Sediments
Mesozoic
Intrusives
Volcanics
Sediments
Metamophics
Paleozoic
Sediments
Metamorphics
Proterozoic
Metamorphics
Contact
Fault
Thrust Fault
Normal Fault
Quaternary
Okanagan Lake
Skaha Lake
119°24' W
119°12' W
49°30' N
49°24' N
49°18' N
ALLENDALE PROPERTY
0
10 km
Santoy Resources Ltd.
ALLENDALE PROPERTY
Southern British Columbia
REGIONAL GEOLOGY
Figure 4

At the Spoon showing, xenoliths of fine to medium grained, leuococratic syenite with sharp to partly assimilated contacts occur within the more common dark grey syenite. The xenoliths are up to 6 meters long but typically are in the order of 1 meter across. The origin of these inclusions which are spatially associated with the best mineralization on the property remains unknown.

Along the southwest portion of the stock where the mafic content of the syenite increases, a number of small outcrops of pyroxenite were mapped and have been identified as hornblende clinopyroxenites by Graham Nixon (pers. comm.). Numerous hornblende clinopyroxenite boulders have also been noted along the eastern side of the property mainly west of the southern portion of Allendale Lake.

Separating pyroxenites from older gneiss is a large outcrop of medium grained mixed or hybrid material having characteristics of both the syenite stock and gneiss. It appears this unit formed as a result of mixing and assimilation during emplacement of the Allendale Stock.

To the northeast, off the property but likely related to the stock are outcrops of medium grained, equigranular gabbro. Although limited in extent, these rocks along with the pyroxenites to the south west provide evidence that the Allendale stock is differentiated.

The youngest rocks on the property are fine-grained buff white to light grey granodiorite, granite or aplite that typically occur as dykes, sills and small discontinuous lenses that are too small to map. It is thought that they are related to the hornblende granodiorite of possible Eocene age.

Alteration:

Most of the Allendale Stock is very fresh with only weak, local propylitic alteration in the form of 1-2 mm thick filling along fracture faces and minor calcite veining scattered throughout the property. Secondary biotite has been noted adjacent to quartz-feldspar pegmatite dykes and blows but these are rare and isolated.

Mineralization:

The main focus of mineralization within the Allendale Stock is the Spoon showing where chalcopyrite and bornite occur as scattered grains within leucocratic xenoliths, usually within clots of mafic minerals. This mineralization appears to be primary magmatic. Additional chalcopyrite, bornite with minor pyrite occur along fractures (joint planes?) in both the xenoliths and syenite country rock. This mineralization appears to be remobilized and of very limited extent. Malachite is widespread along fractures and the bluff face.

A somewhat similar style of mineralization occurs around rock samples AR-03 to AR-06 about 550 meters west of the Antler showing. Here xenoliths of leucocratic syenite are associated with small minette dykes and leucocratic syenite dykes within typical fresh syenite. The mineralized zone is of very limited extent.

Elsewhere on the property, mineralization is restricted to very small fractures or shears, often associated with, late granitic to aplitic dykes. Normally mineralization consists of malachite, occasionally with specks of chalcopyrite or bornite.

Approximately 2.5 km northeast of the Spoon showing (off the property) trace amounts of fracture pyrite and chalcopyrite were noted in gabbro.

GEOCHEMICAL SAMPLING

Introduction

Rock samples which include grabs and chips taken from mineralized or mafic rich outcrops, large pyroxenite boulders and known showings were collected in plastic sample bags and secured with sure-lock straps. During the course of field work samples were stored in a house trailer during work in July and in a locked motel room at Okanagan Falls during work in October. At the completion of each work program the samples were shipped to Vancouver for analysis.

Soil samples were taken from a detailed grid established over the Spoon showing as well as from four reconnaissance style grid lines put in with a topo chain and compass to test the northern , western and southern portion of the Allendale Stock and its contact with the Eocene gneisses. The samples were taken from the "B" soil horizon wherever present and collected in Kraft paper bags. Prior to shipping to Vancouver for analysis, samples were hung and dried at room temperature for up to 4 days. Grid lines were located with a GPS.

Sample Preparation and Analysis

All rock and soil samples were analyzed by Acme Analytical Laboratories Ltd. in Vancouver, B.C. for platinum, palladium and gold assay and a 30 element suite by ICP-ES methods.

Soil samples were dried at 60 C and sieved to –80 mesh. Rock samples were crushed and reduced to 70% measuring –10 mesh. A 250 gram split of this material was pulverized to 95% at –150 mesh.

Each rock and soil sample was treated by fire assay then analyzed by inductively coupled plasma-atomic emission spectrometry (ICP-ES) for gold, platinum and palladium on a 30 gram sample. Detection limits are 2 ppb for gold, 2 ppb for platinum and 2 ppb for palladium.

Samples were also analyzed for a 30 element suite by leaching a 0.5 gram sample with 3 ml of 2-2-2-HCL-HNO3-H2O at 95 degrees C for 1 hour then diluting to 10 ml and analyzing by ICP-ES methods.

Rock Sampling

Initial rock sampling on the property was largely restricted to taking grabs and a few chips of known showings and old workings during site visits on June 25 and July 5 to 7, 2001 to determine to what extent platinum, palladium and gold mineralization occurred on the property. The initial results from this work were encouraging especially from the Spoon showing where samples 417276 to 417279 (Map 2) yielded values up to 2.2 % Cu, 31.8 ppm Ag, 1048 ppb Au, 66 ppb Pt and 407 ppb Pd. The combined Pt+Pd+Au values for sample 417276 are 1521 ppb (Map 2).

Somewhat lower but still elevated values were also obtained in sample C 114161 located about 600 meters west of the south end of Allendale Lake where values range up to 1.5 % Cu, 15.2 ppm Ag, 38 ppb Au, 1 ppb Pt and 106 ppb Pd . Lastly, sample C 114163 located about 600 meters northwest of the Antler showing yielded values to 0.76 % Cu, 13.7 ppm Ag, 103 ppb Au, 2 ppb Pt and 14 ppb Pd. A follow-up sampling program between Oct. 12 and 17 expanded the reconnaissance style grab sampling along roads and soil grid lines and included detailed 5 meter chip sampling of the

mineralized rock face at the Spoon showing. The results of this work which were not very encouraging indicate PGE and gold values occur in a very restricted area associated with erratic bornite mineralization. Values range up to 699 ppm Cu, 0.3 ppm Ag, 79 ppb Au, 4 ppb Pt and 17 ppb Pd.

Sampling of weakly mineralized gabbro 2.5 km. to the northeast returned similarly low values of 673 ppm Cu, 0.4 ppm Ag, 3 ppb Au, 2 ppb Pt and 3 ppb Pd.

Rock geochemical results are tabled in Appendix D and rock descriptions are in Appendix E. Five samples were also submitted for rare earth element analysis. These results are in Appendix F.

Soil Sampling

Detailed soil sampling on 25 meter spaced intervals over the Spoon showing was carried out in an attempt to trace mineralization away from the known showing (Map 3). The values are all low and range to 84 ppm Cu, 0.5 ppm Ag, 4 ppb Au, 4 ppb Pt and 4 ppb Pd (Appendix G). No orientation on the mineralization is discernable from this work.

Reconnaissance soil line 1700 N is a 2250 meter, east-west line put in below or south of previously identified Cu and Ag soil geochemical anomalies, a large magnetic low and induced polarization anomalies. Results from the line range up to 25 ppm Cu, 0.1 ppm Ag, 4 ppb Au, 4 ppb Pt and 3 ppb Pd.

To test the west-central portion of the property, lines 2800 N (1400 meters long) and 3200 N (1350 meters long) were put in. Line 2800 N covered previously identified Cu-Ag soil anomalies within a "probable" IP geophysical anomaly about 80 meters south of the Tessa showing. Values to 125 ppm Cu, 0.1 ppm Ag, 3 ppb Au, 5 ppb Pt and 4 ppb Pd were obtained. Line 3200 N which passes within 50 meters of the Antler showing covered a "definite to probable" IP geophysical anomaly and scattered Cu-Ag soil geochemical anomalies. Values, particularly for copper are slightly more elevated between 50 and 250 meters west of the Antler showing and correspond closely with previously identified Cu and Ag soil anomalies. Values range up to 264 ppm Cu, 0.4 ppm Ag, 21 ppb Au, 4 ppb Pt and 4 ppb Pd.

Line ALS, 1100 meters long tested the ridge about 1 km. north of the Spoon showing. Values from this line are low, ranging to 12 ppm Cu, 0.1 ppm Ag, 2 ppb Au, 3 ppb Pt and 5 ppb Pd.

CONCLUSIONS

Initial grab rock samples of chalcopyrite, bornite and malachite bearing syenite yielded elevated platinum, palladium and gold with strong copper values. Follow-up prospecting and geological mapping indicate the Allendale Stock contains differentiated pyroxenite, gabbro and syenite phases but all are fresh with no significant alteration. Rock chip and soil geochemical sampling show the anomalous values occur over a very restricted area and the prospect of finding a significant mineralized zone within it are limited.

Any further work conducted on the property should focus on the low-lying, swampy area that sits in the bottom of the bowl south of known mineralized showings. Previous geophysical and soil

geochemical surveys surround the area and identify it as a highly anomalous target that could be underlain by altered and mineralized rocks obscured by glacial till.

Respectfully submitted,

David Mehner

David Mehner, P. Geo.

April 4, 2002

REFERENCES

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APPENDIX A

Statement of Expenditures

STATEMENT OF EXPENDITURES

Salaries

Adam Travis (A. Travis Geological) – Geologist	$5,833.04
Dave Mehner (Dave Mehner Geological Ltd.) - Geologist	2,621.50
Clay Travis - Sampler	1,575.00
Ron Nichols (Nichols Management Ltd.) – Supervision	5,600.00

Accomodation and Food

Meals and groceries	845.99
Hotel	517.50

Transportation

Truck rental, gas, mileage (A. Travis Geological)	1,313.52

Freight

Sample shipping	102.92

Geochemistry

Acme Analytical Laboratories	3,872.39
ALS Chemex	155.00

Miscellaneous

BCYCM Data Centre (Maps, Assessment reports)	117.27
Field supplies	183.82

Drafting Services

Terry Lee (computer drafting contractor)	560.00

Report Writing

Dave Mehner (Dave Mehner Geological Ltd)	2,100.00

TOTAL EXPENSES: **25,397.95**

APPENDIX B

Summary of Geochemical Results from Prospecting Grant

A0111082-CERTIFIED

CLIENT : "TRAVIS,ADAM"

# of SAMPLES : 7

DATE RECEIVED : 26-JAN-2001

PROJECT : " "

CERTIFICATE COMMENTS : "ATTN: ADAM TRAVIS"

	975	976	977	###	2119	2120	557	2121	2122	2123	2124	2125	2126	2127	2128	2150	2130	2131	2132	###	2134	2135	2136	2137	2138	2139	2140	551	2141	2142	2143	2144	2145	2146	2147	2148
SAMPLE	Au	Pt	Pd	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W
DESCRIPTION	ppb	ppb	ppb	ppm	0%	ppm	ppm	ppm	ppm	ppm	0%	ppm	ppm	ppm	ppm	0%	ppm	ppm	0%	ppm	0%	ppm	ppm	0%	ppm	ppm	ppm	0%	ppm	ppm	ppm	0%	ppm	ppm	ppm	ppm
131701	4	<5	2	<.2	0.24	6	<10	40	<.5	<2	0.77	<.5	8	43	7	5.67	<10	<1	0.04	40	0.13	260	1	0.01	14	2990	2	<.01	<2	<1	73	0.04	<10	<10	155	<10
131702	<2	<5	<2	<.2	0.12	6	10	20	<.5	<2	0.77	<.5	9	58	6	7.49	<10	<1	0.03	40	0.1	225	<1	0.01	16	2980	4	<.01	<2	<1	66	0.03	10	<10	207	<10
131703	<2	<5	<2	<.2	0.21	<2	10	40	<.5	<2	0.55	<.5	5	17	6	3.47	<10	<1	0.06	20	0.11	165	<1	0.01	8	2030	2	<.01	<2	<1	53	0.03	<10	<10	94	<10
131704	4	10	8	<.2	0.97	2	<10	90	0.5	<2	0.8	<.5	9	18	29	3.25	<10	<1	0.06	10	0.53	935	<1	0.01	8	2400	12	0.02	<2	3	58	0.03	<10	<10	88	<10
131705	10	<5	<2	<.2	0.94	4	<10	80	<.5	<2	0.48	<.5	10	29	15	2.59	<10	<1	0.12	<10	0.56	295	<1	0.03	18	700	6	0.01	<2	2	41	0.06	<10	<10	83	<10
131706	2	15	<2	<.2	0.59	2	<10	60	<.5	<2	0.37	<.5	10	46	11	4.13	<10	<1	0.07	<10	0.41	220	1	0.02	17	800	6	<.01	<2	1	27	0.07	<10	<10	164	<10
131707	<2	<5	<2	<.2	0.1	2	10	10	<.5	<2	0.88	<.5	7	28	4	5.7	<10	1	0.02	30	0.07	175	<1	0.01	8	2690	<2	<.01	<2	<1	52	0.02	<10	<10	159	<10

A0111083-CERTIFIED

CLIENT : "TRAVIS,ADAM"

# of SAMPLES : 10

DATE RECEIVED : 26-JAN-2001

PROJECT : " "

CERTIFICATE COMMENTS : "ATTN. ADAM TRAVIS"

	975	976	977	2118	2119	2120	557	2121	2122	2123	2124	2125	2126	2127	2128	2150	2130	2131	2132	2151	2134	2135	2136	2137	2138	2139	2140	551	2141	###	2143	2144	2145	2146	2147	2148
SAMPLE	Au	Pt	Pd	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W
DESCRIPTION	ppb	ppb	ppb	ppm	0%	ppm	ppm	ppm	ppm	ppm	0%	ppm	ppm	ppm	ppm	0%	ppm	ppm	0%	ppm	0%	ppm	ppm	0%	ppm	ppm	ppm	0%	ppm	ppm	ppm	0%	ppm	ppm	ppm	ppm
126608	<2	<5	<2	0.2	1.73	6	<10	2010	<.5	2	4.27	<.5	26	66	24	2.43	10	<1	1.21	100	3.16	325	<1	0.16	114	**>10000**	8	0.03	<2	4	766	0.13	30	<10	81	<10
126609	<2	<5	<2	0.2	2.16	12	<10	1700	0.5	<2	4.05	0.5	23	80	21	3.98	10	<1	1.23	80	2.76	430	<1	0.3	76	**>10000**	6	0.01	<2	7	873	0.31	20	<10	146	<10
126610	<2	<5	<2	0.2	0.26	<2	<10	40	<.5	<2	0.06	<.5	<1	87	2	0.46	<10	<1	0.19	<10	0.03	60	<1	0.05	2	10	6	<.01	<2	<1	19	<.01	<10	**350**	5	<10
126611	4	<5	4	<.2	1.14	4	<10	270	<.5	6	1.15	<.5	15	30	**165**	3.77	10	<1	1.06	80	1.41	420	1	0.08	21	4060	**34**	<.01	2	1	127	**0.25**	10	<10	**115**	<10
126612	**696**	**196**	**926**	4	0.42	6	<10	80	1	6	2.31	<.5	6	44	**3060**	**1.8**	<10	<1	0.24	**130**	0.79	300	**2**	0.1	17	7120	**28**	0.07	<2	4	150	**0.09**	30	<10	**62**	<10
126613	**6**	**18**	**84**	<.2	1.38	<2	<10	210	0.5	4	5.12	1.5	26	25	**467**	8.01	10	<1	0.53	10	1.72	1245	<1	0.14	15	7000	4	0.03	<2	18	261	**0.16**	<10	<10	**322**	<10
126614	**4**	**40**	**84**	<.2	0.83	6	<10	40	1	2	3.68	1.5	18	31	**290**	8.72	10	<1	0.13	<10	1.04	980	1	0.11	9	4650	6	0.02	<2	9	201	**0.18**	<10	<10	**332**	<10
126615	<2	10	8	<.2	0.23	<2	<10	10	<.5	18	0.07	<.5	64	398	3	4.8	<10	<1	0.13	<10	>15.00	545	<1	<.01	**1610**	<10	<2	0.06	<2	5	3	<.01	<10	<10	21	<10
126616	<2	<5	2	<.2	7.34	<2	<10	930	1	24	0.03	<.5	53	802	<1	4.72	30	<1	5.93	<10	10.55	500	<1	0.31	**747**	<10	6	<.01	<2	11	15	0.14	<10	30	86	10
126617	<2	25	8	<.2	0.92	<2	<10	90	<.5	12	0.07	<.5	60	533	8	2.89	<10	<1	0.74	<10	10.45	425	<1	0.03	**1316**	20	2	0.1	<2	5	6	0.01	<10	<10	18	<10

APPENDIX C

Rock Descriptions of Prospecting Grant Samples

Prospector Grant 2000 - Adam Travis Sampling

Sample #	Type	Date	Location	Remarks
126601	Rock Chip	June 11	Bendelin Creek	Fw Zone qtz-pegmatite dyke, rusty sheared, moly < 2 cm- 1m chip
126602	Rock Chip	June 11	Bendelin Creek	central "buck" quartz core- 1m chip
126603	Rock Chip	June 11	Bendelin Creek	Hw, pegmatoidal phase, Musc, garnet, moly- 1 m chip
126604	Rock Float	June 11	Bendelin Creek	2 km up from bridge, below Jim Logan showing, qtz float
126605	Rock Float	June 11	Bendelin Creek	spur road across creek + west of final post, qtz float
126606	Rock Grab	June 12	Honey claims	99JL005-66 also, qtz veined stckwrk intrusive
126607	Rock Grab	June 12	Honey Claims	north switchback rd, qtz veined sed in road cliff
126608	Rock float	Jan. 13	Allendale Lk.	250 m from lake, med-crse grained bio-qtz monzonite
126609	Rock float	Jan. 13	Allendale Lk.	1 km south of lake, (22.2 km mark),pyroxene cumulate monzonite
126610	Rock float	Jan. 13	Allendale Lk	4.2 km south of lake, large boulder of pegmatite cutting gneiss
126611	Rock float	Jan. 14	Allendale Lk.	24 km marker west of lake, feldspar cumulate monzonite
126612	Rock grab	Jan. 14	Allendale Lk.	Spoon showing, attempt to get mal. staining on cliff, pyroxenite
126613	Rock grab	Jan. 15	Elk 7	magnetic, f.g hornblendite, minor pyx, trace po+cpy ?
126614	Rock float	Jan. 15	Elk 7	talus float from cliffs down to lake edge, mafic volc?
126615	Rock float	Jan. 15	Elk 3	boulder beside railway grade near Elk 3, mafic volc, hornblendite
126616	Rock Grab	Jan. 16	Shuttleworth As.	nearly 100% biotite as lens in peridotite
126617	Rock Grab	Jan. 16	Shuttleworth As.	average peridotite, some anthophyllite alt'n
131701	silt	Jan. 13	Kilmer Creek	drains Allendale becomes Shuttleworth, taken at Ok Falls FS road
131702	panned silt	Jan. 13	Kilmer Creek	panned of 131701 to ~ 1/10 of original 3 kg
131703	silt	Jan. 14	Shuttleworth	just below canyon, 2 km road marker, near 1918 Platinum ??
131704	silt	Jan. 15	Hall Creek	300 m's south of Arlington Lake, drains area of Elk 7 and 3
131705	silt	Jan. 15	Hall Creek	at Hall Creek rest stop on Hwy 33, drains Minfile showings
131706	panned silt	Jan. 15	Hall Creek	panned 131705 to ~ 1/10 th original size
131707	panned silt	Jan. 15	Shuttleworth	panned sample of 131703

APPENDIX D

Rock Geochemical Results

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Santoy Resources Ltd.
Acme file # A101984 Received: JUL 4 2001 * 9 samples in this disk file.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	Pt**	Pd**
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb	ppb	ppb
417276	< 1	17293	15	41	22.3	29	9	519	1.7	4	8	< 2	97	236	0.5	< 3	8	55	5.75	1.778	654	24	1.09	63	0.03	< 3	0.4	0.11	0.29	< 2	1048	66	407
417277	1	13883	35	52	22.1	43	14	235	1.8	2	< 8	< 2	27	77	0.5	4	< 3	54	0.83	0.332	109	40	0.6	251	0.14	10	0.61	0.1	0.55	< 2	16	< 2	111
417278	2	22474	13	25	29.7	32	6	157	1.8	3	< 8	< 2	11	639	0.5	< 3	5	47	0.98	0.285	104	31	0.37	370	0.11	7	1.13	0.29	0.37	< 2	96	5	111
417279	1	21117	34	38	31.8	40	12	207	2.1	< 2	< 8	< 2	22	111	0.3	6	8	53	0.84	0.314	123	29	0.58	276	0.16	8	0.66	0.1	0.52	< 2	41	8	113
417280	33	6482	11	52	2.2	228	118	146	9.2	< 2	< 8	< 2	7	167	< .2	6	5	37	0.83	0.261	39	39	0.16	23	0.07	6	1.3	0.12	0.18	< 2	15	3	13
417281	< 1	2509	11	151	3.8	68	26	775	9.9	< 2	15	< 2	170	151	1.3	< 3	< 3	398	3.01	0.881	541	118	1.34	152	0.04	3	1.04	0.12	0.87	< 2	33	9	19
417282	< 1	60	< 3	61	< .3	65	22	523	4	< 2	< 8	< 2	5	584	0.8	4	< 3	168	4.99	0.703	115	66	2.83	485	0.07	7	2.07	0.6	0.58	< 2	< 2	< 2	< 2
RE 417282	< 1	55	3	59	< .3	62	22	510	3.8	4	< 8	< 2	5	558	0.9	3	< 3	159	4.57	0.681	110	62	2.72	460	0.06	6	1.96	0.58	0.55	< 2	< 2	< 2	2
STANDARD	27	67	34	172	6	40	11	791	3.4	58	23	2	21	26	23	16	26	85	0.56	0.083	17	172	0.59	147	0.09	22	1.8	0.04	0.16	16	495	472	496
STANDARD	< 1	1	< 3	38	< .3	9	4	550	2.1	< 2	< 8	< 2	5	65	0.2	< 3	< 3	44	0.64	0.096	7	82	0.6	224	0.15	4	0.92	0.07	0.47	2	0	0	0

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Santoy Resources Ltd. PROJECT Allendale Lake File # A102049

900 - 475 Howe St., Vancouver BC V6C 2B3 Submitted by: A. Travis

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	Pt** ppb	Pd** ppb
N 417283	2	23333	471	69	42.8	45	20	451	4.08	2	<8	<2	34	75	<.2	<3	6	106	.80	.285	92	32	1.07	376	.16	4	1.26	.09	.83	3	17	<2	27
N 417284	<1	65	11	66	.3	153	33	484	4.05	3	<8	<2	4	752	.2	<3	3	145	5.28	1.065	174	112	3.74	4057	.03	<3	2.40	.20	1.93	2	3	2	<2
N 417285	<1	47	17	99	<.3	311	58	976	5.22	4	<8	<2	17	1490	.3	<3	3	37	8.47	2.961	371	88	6.60	802	.01	3	.76	.14	.67	4	6	6	<2
N 417286	<1	32	19	134	.3	28	12	625	3.42	<2	<8	<2	15	174	.2	<3	<3	87	2.41	.344	84	56	1.13	162	.13	<3	.77	.05	.53	3	<2	<2	<2
N 417287	<1	2878	16	118	3.0	45	21	529	4.67	3	<8	<2	12	135	<.2	<3	6	152	2.04	.399	247	53	2.16	479	.05	6	1.49	.10	1.39	5	7	3	13
N 417288	<1	2212	9	127	2.1	49	25	571	5.51	<2	<8	<2	11	128	<.2	<3	4	184	2.23	.406	289	66	2.56	582	.06	<3	1.67	.10	1.68	3	17	6	4
N 417289	4	537	24	6	1.6	75	128	43	3.64	<2	<8	<2	10	180	<.2	<3	3	33	.09	.062	36	19	.03	43	.05	<3	.29	.05	.20	5	9	4	3
N 417290	<1	54	9	52	<.3	13	18	500	3.78	3	<8	<2	2	74	<.2	<3	<3	130	1.52	.174	10	39	1.48	277	.29	<3	1.92	.18	.62	2	<2	<2	<2
N 417291	<1	45	5	35	<.3	26	21	373	2.60	<2	<8	<2	<2	30	<.2	<3	<3	79	1.25	.109	6	99	1.91	295	.26	<3	1.52	.12	.51	2	4	<2	<2
N 417292	<1	3	9	11	<.3	1	<1	1924	4.85	3	<8	<2	10	145	.4	<3	<3	174	7.11	.020	6	35	.02	24	.11	<3	2.30	.16	.08	<2	<2	<2	<2
N 417293	3	17	7	18	<.3	5	1	76	.95	<2	<8	<2	2	16	<.2	<3	<3	16	.15	.015	2	24	.06	33	.03	<3	.27	.07	.08	7	4	<2	<2
N 417294	3	37	11	4	<.3	2	1	69	1.91	<2	<8	<2	3	21	<.2	<3	<3	15	.14	.050	3	32	.07	86	.04	<3	.25	.03	.13	<2	4	<2	<2
RE N 417294	3	36	8	4	<.3	2	1	68	1.88	<2	<8	<2	3	20	<.2	<3	<3	14	.13	.049	3	33	.07	84	.03	<3	.25	.03	.13	2	<2	<2	<2
N 417295	<1	3	8	40	<.3	62	15	376	3.60	3	<8	<2	8	352	.2	<3	<3	94	4.05	.871	72	61	1.81	196	.04	<3	1.21	.19	.30	2	<2	2	<2
N 417296	<1	9	12	70	<.3	126	25	618	3.83	2	<8	<2	2	746	<.2	<3	<3	132	4.49	.822	165	122	2.69	2681	.03	<3	1.77	.18	1.14	2	<2	3	<2
N 417297	<1	1	8	61	.3	173	35	382	3.93	3	<8	<2	4	729	<.2	3	<3	171	4.50	.865	138	107	3.75	6280	.03	3	2.50	.17	1.98	2	2	14	11
N 417298	<1	<1	12	60	<.3	160	27	395	5.65	<2	<8	<2	2	881	<.2	<3	<3	188	5.10	.925	114	158	2.38	945	.02	<3	1.46	.30	.42	2	<2	7	<2
STANDARD C3/FA-10R	26	65	40	177	6.0	37	12	771	3.36	56	22	2	22	29	22.9	18	22	80	.57	.086	18	171	.62	148	.09	18	1.90	.04	.16	17	499	478	477
STANDARD G-2	1	3	5	44	<.3	8	4	545	2.06	3	<8	<2	6	72	<.2	<3	<3	42	.66	.095	8	81	.62	227	.14	<3	.91	.07	.48	3	-	-	-

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU** PT** PD** GROUP 3B BY FIRE ASSAY & ANALYSIS BY ICP-ES. (30 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 9 2001 **DATE REPORT MAILED:** July 18/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data F FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Santoy Resources Ltd. PROJECT Allendale Lake File # A103724

900 - 475 Howe St., Vancouver BC V6C 2B3 Submitted by: Adam Travis

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	Pt** ppb	Pd** ppb
SI	<1	3	54	70	<.3	1	<1	16	.03	3	<8	<2	<2	1	.7	<3	<3	1	.07	<.001	<1	4	<.01	5	<.01	<3	.01	.34	<.01	<2	<2	<2	<2
C 114151	2	220	23	93	<.3	19	11	436	2.71	<2	<8	<2	16	94	.3	<3	<3	94	.80	.232	87	38	1.08	199	.14	<3	.95	.12	.78	<2	6	<2	2
C 114152	2	251	38	133	<.3	35	17	598	3.83	<2	<8	<2	13	157	.2	<3	<3	130	1.60	.390	91	56	1.77	259	.08	3	1.19	.10	.93	<2	4	<2	4
C 114153	2	608	14	93	<.3	33	15	454	3.33	<2	<8	<2	26	155	<.2	<3	3	116	1.54	.409	109	55	1.44	291	.08	<3	.96	.11	.85	<2	79	4	17
C 114154	2	699	25	103	.3	33	17	523	3.64	<2	<8	<2	24	171	<.2	<3	<3	125	1.59	.375	141	59	1.69	360	.08	<3	1.13	.11	1.12	2	20	<2	6
C 114155	2	202	19	123	<.3	53	23	621	4.58	2	<8	<2	21	179	.3	<3	<3	171	1.93	.431	169	61	2.02	788	.06	<3	1.46	.09	1.45	<2	4	<2	2
C 114156	2	34	11	70	<.3	27	10	332	2.47	<2	<8	<2	12	349	<.2	<3	<3	76	.75	.233	75	62	.89	433	.15	<3	1.02	.12	.87	<2	<2	<2	<2
C 114157	2	178	16	110	<.3	37	19	559	4.07	2	<8	<2	24	142	<.2	<3	<3	142	1.47	.377	169	62	1.85	495	.07	<3	1.30	.10	1.36	<2	6	<2	<2
C 114158	1	155	15	82	<.3	23	12	459	2.86	<2	<8	<2	12	97	<.2	<3	<3	98	.98	.287	105	53	1.19	244	.12	<3	.96	.10	.95	<2	5	<2	2
C 114159	2	221	17	105	<.3	32	17	579	3.62	3	<8	<2	11	131	.2	<3	<3	127	1.25	.357	107	52	1.68	358	.10	<3	1.17	.09	1.20	2	3	2	2
C 114160	1	144	16	88	<.3	69	21	599	3.52	2	<8	<2	12	259	.2	<3	<3	115	2.48	.602	90	100	2.10	893	.05	<3	1.27	.12	1.07	<2	2	3	2
RE C 114160	2	145	15	89	<.3	71	21	599	3.52	<2	<8	<2	11	261	.2	<3	<3	114	2.51	.603	92	102	2.11	903	.05	4	1.29	.12	1.06	<2	<2	2	<2
C 114161	3	15042	30	28	15.2	47	19	201	1.24	4	<8	<2	14	160	<.2	<3	<3	61	.80	.343	53	59	.33	324	.10	<3	.80	.11	.39	<2	38	<2	106
C 114162	9	254	29	51	.9	16	8	196	4.47	<2	<8	<2	28	569	<.2	3	<3	58	.86	.380	93	57	.51	354	.12	<3	1.32	.12	.82	4	5	<2	4
C 114163	3	7591	37	96	13.7	56	23	436	3.58	<2	<8	<2	82	166	<.2	<3	4	107	.46	.165	81	55	1.81	391	.37	3	1.50	.14	1.53	<2	103	2	14
C 114164	2	185	23	34	<.3	12	5	180	1.41	3	<8	<2	19	100	<.2	<3	<3	77	.56	.226	82	37	.60	280	.13	3	.69	.13	.70	3	<2	<2	<2
C 114165	1	597	<3	75	<.3	17	29	461	8.25	<2	28	<2	<2	784	1.0	5	<3	219	5.42	.341	6	72	1.15	75	.16	<3	6.42	.55	.13	2	2	<2	<2
C 114166	<1	27	<3	30	<.3	16	18	373	2.02	2	<8	<2	4	37	<.2	<3	<3	71	1.01	.092	9	86	1.75	164	.22	<3	1.08	.13	.74	<2	<2	<2	<2
C 114167	1	69	<3	27	<.3	123	40	365	2.84	<2	12	<2	2	54	<.2	3	<3	50	1.09	.032	5	346	2.67	174	.07	<3	.57	.10	.18	<2	<2	<2	<2
C 114168	1	155	6	63	<.3	7	16	458	6.36	<2	24	<2	<2	917	.8	<3	<3	192	5.80	.328	9	38	1.04	104	.16	<3	6.76	.67	.16	<2	<2	<2	3
C 114169	1	199	5	68	<.3	5	14	484	5.72	<2	21	<2	4	706	.7	<3	<3	167	5.07	.452	13	16	.95	67	.14	<3	5.87	.54	.18	2	2	2	<2
C 114170	<1	442	<3	74	<.3	17	19	614	4.88	4	16	<2	4	782	1.1	3	<3	146	5.22	.251	10	57	1.50	104	.19	<3	6.51	.81	.20	4	<2	2	2
C 114171	<1	673	<3	72	.4	7	20	543	7.93	<2	25	<2	<2	839	1.0	<3	<3	215	6.02	.399	6	14	1.24	71	.18	<3	6.64	.70	.15	<2	3	<2	<2
C 114172	<1	71	<3	46	<.3	11	23	594	3.85	3	11	<2	<2	62	<.2	<3	<3	150	2.10	.212	12	69	1.66	110	.20	<3	1.60	.25	.25	4	<2	<2	<2
C 114173	67	531	<3	91	.7	9	49	496	6.78	12	19	<2	<2	71	<.2	10	7	116	.73	.165	3	20	2.08	101	.45	<3	2.66	.22	1.62	5	3	<2	3
C 114174	4	76	3	11	.3	5	8	124	1.84	<2	<8	<2	2	55	<.2	<3	<3	26	.40	.077	5	62	.13	127	.08	<3	.42	.13	.12	8	2	<2	<2
C 114201	3	32	5	62	<.3	205	21	449	2.15	5	<8	<2	14	96	.2	<3	<3	51	1.10	.185	58	507	3.06	1176	.27	3	1.62	.07	1.80	2	3	<2	2
C 114202	1	25	4	62	<.3	201	32	447	2.98	4	<8	<2	15	865	.5	<3	<3	136	4.64	1.086	193	154	3.71	4587	.03	<3	2.22	.21	2.03	<2	2	4	<2
C 114203	1	5	<3	70	<.3	169	29	583	4.46	3	<8	<2	11	1229	.5	6	<3	155	4.68	.930	147	194	2.49	1064	.04	<3	1.44	.34	.45	2	2	3	2
STANDARD DS3/FA-10R	9	121	30	154	<.3	36	12	795	3.09	33	16	<2	5	27	5.4	4	5	77	.52	.090	17	191	.59	157	.09	3	1.69	.04	.17	4	496	492	484

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU** PT** PD** GROUP 3B BY FIRE ASSAY & ANALYSIS BY ICP-ES. (30 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 19 2001 **DATE REPORT MAILED:** Oct 29/01 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

RECEIVED
NOV 6 2001

Data FA

APPENDIX E

Rock Descriptions

Allendale Lake Rock Sampling

Sample #	Sampler	Lab File	Date	UTM x	UTM y	Type	Details
417276	AT	A101984	25-Jun-01	329360	5473490	grab	Spoon Showing, block from road blast, coarse grained monzonite, pyx to actinolite-tremolite and biottie, 3 % bornite as blebs in mafics, trace gold in fractured feldspars
417277	AT	A101984	25-Jun-01	329477	5473397	grab	south of Hole 3, syenite with biotite, adundant mal, some azurite, 1-3% bornite, upper blast pit
417278	AT	A101984	25-Jun-01	329496	5473405	grab	south of Hole 3, syenite with biotite, adundant mal, some azurite, 1-3% bornite, middle blast pit
417279	AT	A101984	25-Jun-01	329497	5473408	grab	south of Hole 3, syenite with biotite, adundant mal, some azurite, 1-3% bornite, lower-main blast pit
417280	AT	A101984	25-Jun-01	329700	5472950	grab	Road Showing area, pyritic float with 1 % cpy and trace bornite
417281	AT	A101984	25-Jun-01	329550	5472195	grab	pegmatoidal blast pit, malachite stained coarse peg.
417282	AT	A101984	25-Jun-01	329040	5472310	grab	mafic differentiate, pyroxenite some biotite, some gabbro
417283	AT	A102049	5-Jul-01	329307	5474720	grab	showing above Sandberg claims, small 1-2 m malachite stained megacrystic gabbro
417284	AT	A102049	6-Jul-01	330408	5472341	float	mafic boulders in till alongside of and above main Allendale Lake road
417285	AT	A102049	6-Jul-01	330148	5472452	float	1.5 m 2 mafic boulder alongside overgrown road, feldspar, pyroxene-biotite
417286	AT	A102049	6-Jul-01	329904	5472709	grab	k-spar veined megacrystic monzonite, chl, epidotite, no minz'n visible
417287	AT	A102049	6-Jul-01	329449	5473278	grab	composite grab of average megacrystic monzonite with biotite, tr mal in blast pit
417288	AT	A102049	6-Jul-01	329427	5473352	grab	average monzonite, pyx -> biotite, some zenoliths mineralized and copper stained, blast pit
417289	AT	A102049	6-Jul-01	329015	5473104	grab	rusty, 040 trend, pyritic biotitic syenite-monzonite, Antler Zone
417290	AT	A102049	6-Jul-01	328328	5471840	float	mafic phase in monzonite,gneissic
417291	AT	A102049	6-Jul-01	328328	5471845	float	more mafic than 417290, trace sulphide ?
417292	AT	A102049	6-Jul-01	328081	5471813	float	stockworked veined boulder, 2 m2, Fe carb alt'd ultramafic, syenite veinlets, epidote crystals
417293	AT	A102049	6-Jul-01	326668	5471609	float	rusty quartz veined gneiss, float off claims
417294	AT	A102049	6-Jul-01	326697	5471579	float	same as 417293
417295	AT	A102049	6-Jul-01	328306	5471835	float	carb and epidote veined and chlorite altered gabbro
417296	AT	A102049	6-Jul-01	328067	5472952	float	gabbro, mafic differentiate float
417297	AT	A102049	6-Jul-01	328067	5472967	float	large boulder of mafic differentiate in log cut
417298	AT	A102049	7-Jul-01	327565	5470759	float	float in road bed of mafic differentiate

Allendale Lake Rock Sampling October 2001

Sample ID	Date	Location	UTM x	UTM y	Type	Unit	Description
114151	Oct 12 2001	Spoon	329190	5473495	chip	syenite	porphyritic biotite syenite 30-35% mafics,0- 5 m chip, tr mal.
114152	Oct 12 2001	Spoon	329190	5473490	chip	syenite	porphyritic biotite syenite 30-35% mafics, 5-10 m chip, tr mal.
114153	Oct 12 2001	Spoon	329190	5473485	chip	syenite	porphyritic biotite syenite 30-35% mafics,10-15 m chip, tr mal.
114154	Oct 12 2001	Spoon	329190	5473480	chip	syenite	porphyritic biotite syenite 30-35% mafics, 15-20 m chip, rare mal.
114155	Oct 13 2001	Spoon	329190	5473475	chip	syenite	porphyritic biotite syenite 30-35% mafics, 20-25 m chip,no mal., ridge top
114156	Oct 13 2001	Spoon	329190	5473470	chip	syenite	porphyritic biotite syenite 30-35% mafics, 25-30 m chip,no mal., ridge top
114157	Oct 13 2001	Spoon	329190	5473465	chip	syenite	porphyritic biotite syenite 30-35% mafics, 30-35 m chip,no mal., ridge top
114158	Oct 13 2001	Spoon	329190	5473460	chip	syenite	porphyritic biotite syenite 30-35% mafics, 35-40 m chip,no mal., ridge top
114159	Oct 13 2001	Spoon	329190	5473455	chip	syenite	porphyritic biotite syenite 30-35% mafics, 40-45 m chip,no mal., ridge top
114160	Oct 15 2001	East Alley	329070	5472880	float	pyx	altered bi pyx boulder, rounded, no sx
114161	Oct 15 2001	East Alley	329000	5472720	grab	felsite	mal assoc. with felsic dyke cutting syenite, sugary qtz, aplitic, tr cc ?
114162	Oct 15 2001	Far West	328492	5473286	grab	syenite	minette dyke, 040/20 NW, tr mal, az, mag , << 1 %py
114163	Oct 15 2001	Far West	328497	5473286	grab	syenite	same area as 62, no sx, tr mal, az
114164	Oct 15 2001	Far West	328462	5473251	grab	syenite	rusty shear, leached out hornblende
114165	Oct 16 2001	Alley North	330957	5475526	grab	gabbro	rusty hornlende, med grained, fract stringer py, tr cpy, magnetic
114166	Oct 16 2001	Alley North	332835	5475418	float	gabbro	coarse porphyritic pyroxene gabbro, boulders in road bed, wk rust
114167	Oct 16 2001	Alley North	332926	5475655	float	pyx	boulder of fine grained pyx, diss, clots of < 1% pyrrhotite
114168	Oct 16 2001	Alley North	330938	5475427	grab	diorite	hbld, < 1% diss py, stringer py, no obvious cpy, magnetitic
114169	Oct 16 2001	Alley North	330906	5475339	grab	diorite	as previous samples, magnetite in veins ?
114170	Oct 16 2001	Alley North	330957	5475288	grab	gabbro	cut by hornblendite vein, < 1 % py, tr cpy and magnetite
114171	Oct 16 2001	Alley North	330940	5475523	float	gabbro	hbld, biotite, tr cpy, 0.5% py, cut by crse gr hbld-feld veining, on road
114172	Oct 17 2001	Alley SW	328304	5471839	float	migmatite	magmatic mixing, contact of gneiss - syenite,py < 1%, pyx ghosts
114173	Oct 17 2001	Alley SW	328776	5472144	float	mafic	mixed zone ?, biotite rich, 2-3% py, tr cpy along fractures, small stringers
114174	Oct 17 2001	Alley SW	329140	5471200	float	gneiss	Fe stained, sugary siliceous texture, boulder, 1-2% py
114201	Oct 13 2001	Alley S	328947	5472635	grab	pyx	biotite pyroxenite, 10 m outcrop, no sx
114202	Oct 14 2001	Alley SW	327984	5473102	float	syenite	biotite-amphibole rich syenite
114203	Oct 14 2001	Alley SW	328011	5472948	grab	pyx	interlayered with mafic syenite, 7 m outcrop in log cut

APPENDIX F

Rare Earth Element Rock Results

Sample #	Date	Type	Description
126608	Jan. 13	Rock float	250 m from lake, med-crse grained bio-qtz monzonite
126609	Jan. 13	Rock float	1 km south of lake, (22.2 km mark),pyroxene cumulate monzonite
126610	Jan. 13	Rock float	4.2 km south of lake, large boulder of pegmatite cutting gneiss
126611	Jan. 14	Rock float	24 km marker west of lake, feldspar cumulate monzonite
126612	Jan. 14	Rock grab	Spoon showing, attempt to get mal. staining on cliff, pyroxenite

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: SANTOY RESOURCES LTD.

900 - 475 HOWE ST.
VANCOUVER, BC
V6C 2B3

Project :
Comments: ATTN: ADAM TRAVIS

Page Number :1-A
Total Pages :1
Certificate Date: 12-MAR-2001
Invoice No. :I0112749
P.O. Number :
Account :RQM

CERTIFICATE OF ANALYSIS A0112749

SAMPLE	PREP CODE		Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ga ppm	Hf ppm	Ho ppm	La ppm	Pb ppm	Lu ppm	Nd ppm	Ni ppm	Nb ppm	Pr ppm
126608	244	200	1890	331	1.3	48.0	25	8.1	3.2	6.7	21.5	10	3	1.3	125.0	< 5	0.2	171.5	195	21	42.4
126609	244	200	1885	496	1.1	48.5	30	10.5	4.2	9.3	29.0	18	4	1.8	192.5	< 5	0.3	246	140	66	62.5
126610	244	200	1155	12.0	1.3	< 0.5	< 5	1.9	1.1	0.4	1.2	11	< 1	0.3	6.0	20	< 0.1	4.0	< 5	< 1	1.1
126611	244	200	1985	329	1.8	17.5	185	4.3	1.9	3.8	11.8	20	< 1	0.7	149.0	35	0.1	121.0	25	39	35.7
126612	244	200	903	655	1.2	20.0	2930	9.8	4.5	6.2	24.5	19	3	1.7	294	25	0.6	239	45	41	71.5

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212 Brooksbank Ave., North Vancouver
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VANCOUVER, BC
V6C 2B3

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Total Pages :1
Certificate Date: 12-MAR-2001
Invoice No. :10112749
P.O. Number :
Account :RQM

CERTIFICATE OF ANALYSIS A0112749

SAMPLE	PREP CODE		Rb ppm	Sm ppm	Ag ppm	Sr ppm	Ta ppm	Tb ppm	Tl ppm	Th ppm	Tm ppm	Sn ppm	W ppm	U ppm	V ppm	Yb ppm	Y ppm	Zn ppm	Zr ppm
126608	244	200	52.6	29.5	< 1	1145	< 0.5	2.4	< 0.5	9	0.3	< 1	< 1	2.5	180	2.2	34.0	70	128.0
126609	244	200	48.4	40.4	< 1	2700	1.0	3.3	< 0.5	14	0.4	< 1	< 1	3.0	320	3.2	47.0	130	191.0
126610	244	200	134.5	1.0	< 1	427	< 0.5	0.3	< 0.5	8	< 0.1	< 1	< 1	332	< 5	0.8	8.5	< 5	10.0
126611	244	200	143.5	16.8	< 1	2030	< 0.5	1.3	< 0.5	20	0.1	< 1	< 1	5.0	135	1.5	21.0	115	99.0
126612	244	200	67.0	34.9	3	1360	1.0	2.8	< 0.5	60	0.5	< 1	< 1	13.0	115	4.2	46.0	105	237

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SAMPLE	PREP CODE		Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ga ppm	Hf ppm	Ho ppm	La ppm	Pb ppm	Lu ppm	Nd ppm	Ni ppm	Nb ppm	Pr ppm
126608	244	200	1890	331	1.3	48.0	25	8.1	3.2	6.7	21.5	10	3	1.3	125.0	< 5	0.2	171.5	195	21	42.4
126609	244	200	1885	496	1.1	48.5	30	10.5	4.2	9.3	29.0	18	4	1.8	192.5	< 5	0.3	246	140	66	62.5
126610	244	200	1155	12.0	1.3	< 0.5	< 5	1.9	1.1	0.4	1.2	11	< 1	0.3	6.0	20	< 0.1	4.0	< 5	< 1	1.1
126611	244	200	1985	329	1.8	17.5	185	4.3	1.9	3.8	11.8	20	< 1	0.7	149.0	35	0.1	121.0	25	39	35.7
126612	244	200	903	655	1.2	20.0	2930	9.8	4.5	6.2	24.5	19	3	1.7	294	25	0.6	239	45	41	71.5

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SAMPLE	PREP CODE		Rb ppm	Sm ppm	Ag ppm	Sr ppm	Ta ppm	Tb ppm	Tl ppm	Th ppm	Tm ppm	Sn ppm	W ppm	U ppm	V ppm	Yb ppm	Y ppm	Zn ppm	Zr ppm
126608	244	200	52.6	29.5	< 1	1145	< 0.5	2.4	< 0.5	9	0.3	< 1	< 1	2.5	180	2.2	34.0	70	128.0
126609	244	200	48.4	40.4	< 1	2700	1.0	3.3	< 0.5	14	0.4	< 1	< 1	3.0	320	3.2	47.0	130	191.0
126610	244	200	134.5	1.0	< 1	427	< 0.5	0.3	< 0.5	8	< 0.1	< 1	< 1	332	< 5	0.8	8.5	< 5	10.0
126611	244	200	143.5	16.8	< 1	2030	< 0.5	1.3	< 0.5	20	0.1	< 1	< 1	5.0	135	1.5	21.0	115	99.0
126612	244	200	67.0	34.9	3	1360	1.0	2.8	< 0.5	60	0.5	< 1	< 1	13.0	115	4.2	46.0	105	237

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To: SANTOY RESOURCES LTD.

900 - 475 HOWE ST.
VANCOUVER, BC
V6C 2B3

Comments: ATTN: ADAM TRAVIS

A0112749

CERTIFICATE A0112749

(RQM) - SANTOY RESOURCES LTD.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 12-MAR-2001.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	5	Pulp; prev. prepared at Chemex
200	5	Whole rock fusion
297	5	Meta-borate fusion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
2855	5	Ba ppm: ICP-MS	ICP-MS	0.5	10000
2501	5	Ce ppm: ICP-MS	ICP-MS	0.5	10000
2858	5	Cs ppm: ICP-MS	ICP-MS	0.1	10000
2859	5	Co ppm: ICP-MS	ICP-MS	0.5	10000
2860	5	Cu ppm: ICP-MS	ICP-MS	5	10000
2502	5	Dy ppm: ICP-MS	ICP-MS	0.1	1000
2503	5	Er ppm: ICP-MS	ICP-MS	0.1	1000
2504	5	Eu ppm: ICP-MS	ICP-MS	0.1	1000
2505	5	Gd ppm: ICP-MS	ICP-MS	0.1	1000
2861	5	Ga ppm: ICP-MS	ICP-MS	1	1000
2842	5	Hf ppm: ICP-MS	ICP-MS	1	10000
2506	5	Ho ppm: IPC-MS	ICP-MS	0.1	1000
2507	5	La ppm: ICP-MS	ICP-MS	0.5	10000
2862	5	Pb ppm: ICP-MS	ICP-MS	5	10000
2508	5	Lu ppm: ICP-MS	ICP-MS	0.1	1000
2509	5	Nd ppm: ICP-MS	ICP-MS	0.5	10000
2863	5	Ni ppm: ICP-MS	ICP-MS	5	10000
2844	5	Nb ppm: ICP-MS	ICP-MS	1	10000
2510	5	Pr ppm: ICP-MS	ICP-MS	0.1	1000
2864	5	Rb ppm: ICP-MS	ICP-MS	0.2	10000
2511	5	Sm ppm: ICP-MS	ICP-MS	0.1	1000
2865	5	Ag ppm: ICP-MS	ICP-MS	1	1000
2867	5	Sr ppm: ICP-MS	ICP-MS	0.1	10000
2868	5	Ta ppm: ICP-MS	ICP-MS	0.5	10000
2512	5	Tb ppm: ICP-MS	ICP-MS	0.1	1000
2869	5	Tl ppm: ICP-MS	ICP-MS	0.5	1000
2550	5	Th ppm: ICP-MS	ICP-MS	1	1000
2513	5	Tm ppm: ICP-MS	ICP-MS	0.1	1000
2870	5	Sn ppm: ICP-MS	ICP-MS	1	10000
2871	5	W ppm: ICP-MS	ICP-MS	1	10000
2549	5	U ppm: ICP-MS	ICP-MS	0.5	1000
2872	5	V ppm: ICP-MS	ICP-MS	5	10000
2514	5	Yb ppm: ICP-MS	ICP-MS	0.1	1000
2873	5	Y ppm: ICP-MS	ICP-MS	0.5	10000
2874	5	Zn ppm: ICP-MS	ICP-MS	5	10000
2875	5	Zr ppm: ICP-MS	ICP-MS	0.5	10000

APPENDIX G

Soil Geochemical Results

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Santoy Resources Ltd. PROJECT Allendale Lake File # A103725 Page 1

900 - 475 Howe St., Vancouver BC V6C 2B3 Submitted by: Adam Travis

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	Pt** ppb	Pd** ppb
G-1	2	2	3	38	<.3	4	3	530	1.77	3	<8	<2	4	62	<.2	4	<3	40	.49	.098	7	13	.52	207	.12	<3	.81	.06	.47	3	4	2	2
L3200N 13+50W	<1	13	4	32	<.3	11	6	155	1.91	4	<8	<2	4	75	.2	<3	<3	51	.27	.199	15	12	.23	87	.11	<3	1.82	.02	.06	<2	3	<2	<2
L3200N 13+00W	<1	17	9	31	<.3	10	6	230	1.87	6	<8	<2	4	118	<.2	<3	<3	53	.26	.100	19	13	.31	113	.12	<3	1.58	.02	.07	<2	21	3	<2
L3200N 12+50W	1	12	9	37	<.3	10	6	212	1.98	8	<8	<2	3	73	<.2	<3	<3	51	.22	.247	15	12	.28	99	.12	<3	1.75	.02	.06	<2	<2	2	4
L3200N 12+00W	1	7	8	30	<.3	8	4	118	2.26	7	<8	<2	4	74	.2	<3	<3	56	.18	.273	11	11	.20	77	.14	<3	1.72	.02	.07	<2	<2	<2	<2
L3200N 11+50W	1	15	10	42	<.3	16	7	159	1.90	6	<8	<2	3	68	<.2	3	<3	48	.28	.169	18	17	.46	130	.16	3	1.57	.02	.07	<2	<2	2	<2
L3200N 11+00W	<1	19	7	40	<.3	12	6	167	1.97	8	<8	<2	9	61	.2	<3	<3	52	.35	.283	29	15	.32	84	.12	<3	1.95	.02	.05	<2	<2	<2	<2
L3200N 10+50W	1	18	7	41	<.3	15	6	204	2.01	6	<8	<2	5	59	.2	<3	<3	52	.36	.263	29	16	.35	112	.12	<3	1.91	.02	.08	<2	<2	<2	<2
L3200N 10+00W	1	10	8	46	<.3	12	6	344	2.01	7	<8	<2	4	48	.2	<3	<3	54	.27	.239	19	16	.29	118	.11	<3	1.54	.02	.06	<2	<2	<2	2
RE L3200N 10+00W	1	11	7	47	<.3	13	6	351	2.00	7	<8	<2	4	49	<.2	<3	<3	52	.29	.246	20	17	.31	119	.12	<3	1.60	.01	.06	<2	2	<2	<2
L3200N 9+50W	1	21	12	32	<.3	11	7	389	1.94	7	10	<2	3	116	.2	4	<3	58	.37	.125	29	16	.29	212	.13	<3	2.23	.03	.07	2	2	2	3
L3200N 9+00W	1	31	12	38	.3	11	7	199	2.05	4	8	<2	6	59	.2	<3	<3	49	.24	.110	25	14	.36	120	.15	<3	2.37	.03	.09	<2	<2	3	3
L3200N 8+50W	1	4	11	44	<.3	4	3	187	1.28	3	<8	<2	4	17	<.2	<3	3	33	.13	.113	9	9	.13	45	.09	<3	.60	.02	.05	<2	<2	3	3
L3200N 8+00W	5	36	13	50	<.3	15	7	249	2.71	10	<8	<2	12	29	.3	<3	3	75	.27	.318	42	19	.50	59	.16	<3	2.01	.02	.10	<2	2	<2	3
L3200N 7+50W	<1	18	8	47	<.3	12	7	453	1.90	5	<8	<2	4	33	<.2	<3	<3	48	.25	.263	22	14	.31	94	.12	<3	1.80	.02	.07	<2	<2	<2	<2
L3200N 7+00W	3	81	17	55	<.3	21	12	1122	2.48	5	<8	<2	4	124	.2	<3	<3	58	.49	.161	40	20	.44	171	.11	<3	2.24	.02	.08	<2	2	2	3
L3200N 6+50W	1	43	15	68	<.3	30	13	598	2.50	2	<8	<2	5	69	.3	<3	<3	51	.35	.138	25	22	.48	194	.12	<3	2.77	.02	.10	<2	<2	<2	3
L3200N 6+00W	2	85	12	37	<.3	27	9	526	2.23	7	<8	<2	5	83	.3	4	<3	57	.40	.091	28	24	.44	216	.15	<3	2.52	.03	.10	2	2	2	3
L3200N 5+50W	1	96	12	58	<.3	21	9	445	2.33	5	<8	<2	7	47	.2	<3	<3	52	.38	.295	30	22	.46	134	.14	<3	1.73	.01	.08	<2	<2	4	3
L3200N 5+00W	<1	28	10	118	<.3	38	19	546	2.84	8	<8	<2	25	113	.4	9	<3	70	.92	.327	63	30	1.75	268	.22	6	2.43	.02	.46	<2	8	2	2
L3200N 4+50W	2	14	12	46	<.3	19	8	350	2.01	9	<8	<2	4	27	.3	5	<3	45	.20	.267	16	18	.30	97	.13	<3	2.62	.02	.06	3	<2	2	<2
L3200N 4+00W	1	13	12	50	<.3	12	5	370	1.69	6	<8	<2	4	18	.3	<3	<3	36	.15	.179	13	12	.21	95	.13	<3	2.09	.02	.06	<2	<2	<2	<2
L3200N 3+50W	1	28	16	107	<.3	23	11	832	2.30	5	<8	<2	8	47	<.2	3	<3	64	.44	.220	47	22	.67	131	.17	<3	1.85	.02	.14	<2	2	<2	<2
L3200N 3+00W	1	115	46	199	<.3	57	29	1150	4.70	2	<8	<2	6	148	.6	4	<3	121	1.43	.378	110	47	2.58	496	.14	<3	2.81	.03	1.18	<2	2	<2	<2
L3200N 2+50W	1	82	23	142	<.3	33	20	572	2.77	4	<8	<2	4	75	<.2	3	<3	71	.68	.324	46	28	1.16	380	.21	<3	1.70	.02	.36	<2	<2	3	2
L3200N 2+00W	2	264	16	76	<.3	38	10	326	2.08	8	<8	<2	4	90	.4	4	<3	61	.38	.062	30	20	.51	170	.14	<3	1.83	.01	.09	<2	<2	<2	<2
L3200N 1+50W	1	20	8	72	<.3	17	7	336	1.93	8	<8	<2	3	21	.3	4	<3	42	.19	.224	15	18	.28	95	.13	<3	2.28	.01	.06	<2	<2	3	<2
L3200N 1+00W	2	159	24	49	<.3	29	8	209	2.12	4	<8	<2	4	56	.2	<3	<3	52	.22	.069	21	21	.44	161	.14	<3	2.22	.02	.09	<2	4	<2	<2
L3200N 0+50W	2	53	18	53	.4	16	9	201	1.93	6	<8	<2	4	17	.2	3	<3	40	.14	.211	12	14	.27	92	.14	<3	2.25	.03	.06	<2	<2	3	3
L3200N 0+00W	1	50	16	58	.3	13	6	246	1.92	7	<8	<2	4	16	.2	<3	<3	45	.14	.169	15	14	.30	78	.12	<3	2.24	.01	.05	<2	<2	<2	<2
L2800N 14+00W	1	11	8	23	<.3	7	4	82	1.33	6	<8	<2	2	31	<.2	<3	<3	32	.14	.040	23	7	.17	83	.11	<3	1.80	.03	.06	<2	<2	<2	3
L2800N 13+50W	1	11	7	33	<.3	8	4	313	1.39	6	<8	<2	2	187	.2	<3	<3	32	.32	.047	13	9	.19	138	.12	<3	1.77	.02	.06	<2	<2	2	3
L2800N 13+00W	1	10	7	22	<.3	8	4	104	1.28	5	<8	<2	3	89	.2	<3	<3	30	.18	.074	9	8	.18	94	.11	<3	1.78	.03	.05	<2	<2	3	<2
L2800N 12+50W	1	19	8	31	<.3	10	5	133	1.62	7	<8	<2	5	112	<.2	3	<3	41	.22	.076	15	8	.17	102	.11	<3	1.86	.03	.06	<2	<2	<2	<2
STANDARD DS3/FA-10R	10	126	34	160	<.3	36	12	824	3.19	32	9	<2	3	28	5.9	6	7	80	.54	.097	17	191	.61	145	.08	4	1.74	.03	.17	5	480	472	468

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C AU** PT** PD** GROUP 3B BY FIRE ASSAY & ANALYSIS BY ICP-ES. (30 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 19 2001 **DATE REPORT MAILED:** Oct 31/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	Pt** ppb	Pd** ppb
G-1	1	2	5	38	<.3	6	3	544	1.83	<2	9	<2	5	64	<.2	<3	<3	41	.52	.101	9	13	.53	224	.12	3	.84	.07	.47	2	<2	<2	<2
L2800N 12+00W	<1	5	8	26	<.3	7	3	89	1.52	4	<8	<2	2	54	.2	<3	<3	36	.15	.222	6	10	.14	86	.11	<3	1.09	.01	.04	<2	<2	2	2
L2800N 11+50W	1	13	9	35	<.3	12	6	205	1.90	9	<8	<2	3	32	.3	<3	<3	50	.18	.177	13	12	.23	75	.13	<3	2.06	.01	.06	<2	<2	<2	<2
L2800N 11+00W	1	11	7	54	<.3	18	7	780	1.90	<2	<8	<2	3	95	<.2	<3	<3	53	.42	.199	19	18	.36	197	.13	5	1.33	.02	.06	<2	<2	<2	2
L2800N 10+50W	<1	7	11	52	<.3	17	6	391	1.96	5	<8	<2	4	49	<.2	<3	<3	55	.26	.129	14	16	.31	143	.12	<3	1.25	.02	.06	<2	<2	<2	<2
RE L2800N 10+50W	1	8	13	54	<.3	19	6	405	2.04	8	<8	<2	4	50	<.2	<3	<3	57	.26	.129	14	17	.32	149	.13	<3	1.30	.02	.06	<2	<2	<2	<2
L2800N 10+00W	<1	16	6	49	<.3	17	7	243	2.38	3	<8	<2	5	68	<.2	<3	<3	66	.36	.247	26	18	.43	103	.11	<3	1.51	.02	.07	<2	3	<2	<2
L2800N 9+50W	1	12	7	46	<.3	14	5	171	1.93	2	<8	<2	4	40	<.2	<3	<3	48	.22	.277	16	13	.23	112	.11	<3	1.94	.02	.05	<2	2	2	<2
L2800N 9+00W	1	14	6	56	<.3	16	7	347	2.09	7	<8	<2	6	45	.2	4	3	52	.25	.259	21	16	.32	118	.12	<3	2.12	.02	.06	<2	2	3	<2
L2800N 8+50W	1	8	7	29	<.3	8	4	70	1.71	5	<8	<2	4	57	<.2	3	<3	36	.20	.238	17	12	.14	90	.11	<3	2.00	.02	.03	<2	<2	2	3
L2800N 8+00W	1	12	8	50	<.3	13	6	305	2.03	7	<8	<2	6	28	.2	<3	<3	50	.22	.283	22	14	.27	92	.12	<3	2.01	.02	.05	<2	<2	2	<2
L2800N 7+50W	1	14	7	50	<.3	13	6	141	1.85	7	<8	<2	4	26	<.2	<3	<3	41	.19	.292	27	12	.21	80	.12	<3	2.35	.02	.07	<2	<2	<2	<2
L2800N 7+00W	1	17	9	56	<.3	17	7	187	1.96	7	<8	<2	5	49	.2	<3	<3	43	.23	.281	17	16	.29	95	.12	<3	2.14	.01	.07	<2	<2	<2	<2
L2800N 6+50W	1	13	11	65	<.3	17	7	878	2.09	4	<8	<2	3	58	<.2	<3	<3	49	.25	.203	24	20	.30	117	.11	<3	1.46	.01	.08	<2	<2	5	<2
L2800N 6+00W	<1	6	7	32	<.3	10	3	152	1.12	3	<8	<2	3	73	<.2	<3	<3	26	.22	.060	11	11	.23	61	.09	<3	.85	.02	.07	<2	2	3	<2
L2800N 5+00W	1	125	25	127	<.3	35	16	631	3.25	2	<8	<2	12	203	<.2	<3	<3	83	1.32	.487	146	29	1.29	269	.08	<3	2.07	.04	.34	<2	3	<2	<2
L2800N 4+50W	1	16	10	49	<.3	20	7	259	2.18	3	<8	<2	7	47	<.2	<3	<3	52	.36	.199	33	21	.46	116	.12	<3	1.87	.02	.09	<2	2	2	3
L2800N 4+00W	<1	7	10	69	<.3	14	5	467	1.74	7	<8	<2	7	20	<.2	<3	<3	39	.17	.129	17	13	.25	77	.11	<3	1.62	.01	.06	<2	<2	3	2
L2800N 3+50W	1	15	15	117	<.3	25	10	772	2.22	7	<8	<2	7	149	.2	4	<3	46	.69	.404	50	22	.77	277	.14	<3	1.70	.01	.17	<2	3	2	<2
L2800N 3+00W	1	12	8	30	<.3	9	3	64	1.77	<2	<8	<2	3	19	<.2	<3	3	35	.07	.123	9	10	.12	86	.12	<3	2.43	.02	.04	<2	<2	<2	<2
L2800N 2+50W	2	33	30	126	<.3	32	15	884	2.89	6	<8	<2	4	55	.2	<3	<3	79	.49	.256	56	26	1.10	255	.17	<3	2.03	.01	.24	<2	<2	2	<2
L2800N 2+00W	1	46	20	118	<.3	27	12	708	2.61	4	<8	<2	10	36	<.2	<3	<3	68	.36	.294	31	23	.84	159	.19	<3	1.92	.01	.12	<2	<2	2	4
L2800N 1+50W	<1	16	12	79	<.3	24	15	361	1.84	<2	<8	<2	4	32	<.2	<3	<3	40	.27	.423	18	16	.32	226	.12	3	1.68	.01	.09	<2	2	4	<2
L2800N 1+00W	1	53	19	70	<.3	18	7	268	2.07	5	<8	<2	6	22	.3	<3	<3	48	.22	.250	30	13	.37	97	.14	<3	2.46	.01	.05	<2	<2	<2	<2
L2800N 0+50W	1	83	26	53	<.3	31	4	117	1.62	5	<8	<2	5	24	<.2	3	<3	37	.20	.158	14	13	.25	74	.11	<3	1.16	.01	.06	<2	<2	<2	2
L2800N 0+00W	1	34	12	58	<.3	18	6	329	1.90	7	<8	<2	4	20	<.2	<3	<3	43	.18	.186	17	13	.27	83	.12	<3	1.95	.01	.05	<2	<2	<2	2
L1700N 0+00E	<1	8	9	52	<.3	8	4	234	1.28	8	<8	<2	2	15	<.2	<3	<3	25	.10	.179	6	7	.10	80	.09	<3	1.83	.01	.04	<2	<2	2	3
L1700N 0+50E	1	5	6	43	<.3	8	3	313	1.45	7	<8	<2	3	14	<.2	<3	<3	34	.13	.132	10	8	.13	60	.08	<3	1.39	.01	.03	<2	<2	<2	2
L1700N 1+00E	<1	5	8	79	<.3	8	6	939	1.24	4	<8	<2	2	89	.3	<3	<3	25	.29	.270	6	7	.10	122	.10	<3	1.43	.02	.05	<2	2	<2	<2
L1700N 1+50E	1	9	8	53	<.3	12	4	187	1.67	5	<8	<2	2	29	<.2	3	<3	34	.19	.297	7	9	.15	78	.11	<3	2.40	.01	.05	<2	2	4	2
L1700N 2+00E	3	13	9	43	<.3	13	6	228	1.69	9	<8	<2	3	29	.2	<3	<3	35	.16	.151	10	10	.19	81	.10	<3	1.88	.01	.06	<2	<2	<2	<2
L1700N 2+50E	4	15	9	37	<.3	14	6	235	1.68	7	<8	<2	4	19	.4	4	<3	38	.11	.154	8	10	.15	67	.13	3	2.73	.02	.04	<2	<2	3	3
L1700N 3+00E	2	17	7	47	<.3	10	7	480	1.66	5	<8	<2	2	15	.2	<3	<3	32	.08	.219	8	10	.14	86	.12	<3	2.68	.01	.04	<2	<2	3	2
L1700N 3+50E	1	10	7	44	<.3	14	7	239	1.78	6	<8	<2	3	24	.2	<3	<3	40	.20	.263	10	12	.22	77	.12	<3	2.10	.02	.07	<2	<2	3	5
STANDARD DS3/FA-10R	10	124	36	152	.3	37	12	815	3.15	34	<8	<2	3	28	5.5	5	6	80	.54	.093	18	191	.60	153	.09	5	1.74	.04	.17	3	497	484	487

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	Pt** ppb	Pd** ppb
G-1	1	2	<3	34	<.3	5	3	505	1.69	2	<8	<2	6	61	<.2	<3	<3	37	.49	.095	7	12	.48	192	.11	3	.77	.06	.44	4	4	<2	2
L1700N 4+00E	2	22	5	69	<.3	13	7	333	1.85	8	<8	<2	5	27	.4	<3	<3	40	.18	.235	13	14	.23	100	.11	3	1.91	.02	.07	<2	<2	<2	<2
L1700N 4+50E	2	18	8	60	<.3	14	7	354	1.75	10	<8	<2	4	29	.2	<3	<3	38	.21	.217	14	13	.26	122	.11	<3	2.32	.01	.07	<2	<2	<2	3
L1700N 5+00E	2	14	3	67	<.3	16	8	313	1.70	8	<8	<2	4	33	<.2	<3	<3	35	.22	.219	12	12	.23	128	.11	<3	1.99	.02	.07	<2	2	<2	<2
L1700N 5+50E	2	19	9	96	<.3	15	9	880	1.91	10	<8	<2	3	23	.3	<3	<3	43	.20	.319	13	14	.30	141	.12	<3	2.36	.01	.06	<2	<2	<2	<2
L1700N 6+00E	2	13	7	88	<.3	13	8	481	1.57	7	<8	<2	4	31	.2	<3	<3	34	.25	.226	15	13	.23	104	.10	<3	1.80	.01	.05	<2	<2	<2	<2
L1700N 6+50E	1	12	7	71	<.3	11	6	295	1.46	10	8	<2	4	31	.3	3	<3	28	.19	.264	11	9	.17	99	.10	<3	2.17	.02	.05	<2	<2	<2	<2
L1700N 7+00E	2	22	10	65	<.3	18	8	426	2.27	10	<8	<2	6	36	.3	<3	<3	55	.27	.239	23	17	.51	113	.15	<3	2.51	.02	.07	<2	<2	<2	<2
L1700N 7+50E	1	21	10	59	<.3	15	8	487	2.24	10	<8	<2	5	44	.2	3	<3	56	.31	.241	22	16	.44	126	.13	<3	2.05	.02	.07	2	2	<2	<2
L1700N 8+00E	2	23	8	54	<.3	15	8	318	2.31	10	<8	<2	5	31	.5	4	<3	59	.23	.211	23	18	.38	129	.14	<3	2.70	.02	.07	2	<2	<2	<2
L1700N 8+50E	2	21	8	76	<.3	15	8	681	1.93	14	<8	<2	3	25	.4	3	<3	42	.15	.290	17	13	.27	123	.13	<3	2.68	.02	.05	<2	2	<2	2
L1700N 9+00E	1	25	10	67	<.3	17	8	523	2.25	8	<8	<2	5	31	.3	<3	<3	53	.25	.230	21	18	.43	146	.15	3	2.56	.02	.07	<2	2	2	2
L1700N 9+50E	1	14	9	66	<.3	13	6	643	1.85	5	<8	<2	5	30	.2	<3	<3	43	.27	.278	24	14	.24	118	.11	<3	1.77	.02	.06	<2	<2	<2	2
L1700N 10+00E	1	12	3	22	<.3	7	4	161	1.68	3	<8	<2	5	47	<.2	<3	<3	45	.49	.249	38	12	.18	67	.06	<3	.74	.01	.04	2	2	<2	<2
L1700N 10+50E	1	8	5	31	<.3	9	4	214	1.46	6	<8	<2	15	33	<.2	<3	<3	34	.23	.215	18	11	.14	79	.07	<3	1.02	.01	.05	2	<2	2	<2
RE L1700N 10+50E	1	7	5	32	<.3	8	4	210	1.46	8	<8	<2	4	32	<.2	<3	<3	35	.24	.219	18	11	.14	82	.08	3	1.05	.01	.05	2	<2	<2	<2
L1700N 11+00E	2	9	7	23	<.3	7	3	68	1.35	8	8	<2	4	13	<.2	<3	<3	29	.10	.180	10	9	.10	66	.09	<3	2.06	.02	.04	2	<2	<2	<2
L1700N 11+50E	1	15	9	29	<.3	13	5	235	1.58	2	<8	<2	5	49	<.2	<3	<3	43	.37	.104	31	16	.41	125	.09	<3	.87	.01	.09	<2	4	<2	<2
L1700N 12+00E	<1	5	4	17	<.3	7	3	78	.79	5	<8	<2	3	36	<.2	<3	<3	15	.19	.064	16	7	.16	69	.06	<3	.88	.02	.05	<2	3	<2	<2
L1700N 12+50E	<1	7	4	28	<.3	10	4	199	1.20	6	<8	<2	5	24	<.2	<3	<3	26	.18	.088	18	9	.21	89	.09	3	1.08	.01	.05	<2	<2	<2	<2
L1700N 13+00E	<1	7	4	29	<.3	10	4	223	1.22	3	<8	<2	3	18	<.2	<3	<3	27	.14	.091	13	9	.19	64	.08	<3	.98	.02	.05	<2	<2	2	<2
L1700N 13+50E	1	13	6	39	<.3	14	6	125	1.37	5	10	<2	3	27	<.2	<3	<3	32	.24	.197	20	12	.34	84	.12	<3	1.68	.02	.09	<2	<2	<2	<2
L1700N 14+00E	1	12	4	33	<.3	15	5	144	1.32	5	11	<2	5	19	<.2	<3	<3	25	.12	.166	12	9	.18	102	.10	<3	1.87	.03	.07	<2	<2	<2	<2
L1700N 14+50E	1	20	14	53	<.3	10	4	116	1.54	7	<8	<2	5	17	<.2	<3	<3	33	.13	.303	16	10	.18	105	.10	<3	1.47	.02	.06	<2	<2	2	<2
L1700N 15+00E	1	18	9	54	<.3	14	5	216	1.58	6	10	<2	4	18	<.2	<3	<3	33	.16	.223	19	13	.19	85	.09	<3	1.60	.02	.06	<2	<2	<2	<2
L1700N 15+50E	1	18	7	32	<.3	11	4	134	1.54	4	<8	<2	6	54	<.2	<3	<3	37	.46	.240	40	15	.28	82	.07	<3	1.04	.01	.07	<2	3	2	<2
L1700N 16+00E	1	11	3	32	<.3	11	4	176	1.53	5	<8	<2	6	44	<.2	<3	<3	38	.36	.158	33	13	.35	88	.10	<3	1.06	.01	.08	<2	<2	<2	<2
L1700N 16+50E	1	21	7	39	<.3	13	5	357	1.48	7	9	<2	7	61	<.2	<3	<3	35	.44	.158	30	15	.34	120	.09	4	1.29	.02	.16	2	<2	<2	<2
L1700N 17+00E	1	14	10	62	<.3	16	6	431	1.65	5	<8	<2	4	23	<.2	<3	<3	37	.20	.235	21	13	.25	93	.11	<3	1.48	.02	.06	<2	<2	<2	2
L1700N 17+50E	1	16	8	69	<.3	16	6	508	1.50	6	<8	<2	4	25	.2	<3	<3	31	.20	.170	17	12	.27	93	.10	<3	1.39	.02	.06	<2	3	2	<2
L1700N 18+00E	1	71	8	36	<.3	17	5	134	1.67	4	9	<2	7	94	<.2	<3	<3	37	.43	.111	37	16	.32	154	.09	<3	1.41	.02	.08	<2	3	<2	3
L1700N 18+50E	1	11	5	45	<.3	17	5	384	1.34	8	<8	<2	3	17	<.2	<3	<3	26	.12	.152	12	9	.20	103	.10	<3	1.79	.01	.05	<2	3	3	2
L1700N 19+00E	1	16	6	60	<.3	20	6	265	1.29	3	<8	<2	4	34	<.2	<3	<3	26	.20	.158	19	10	.25	119	.10	4	1.60	.02	.07	<2	<2	<2	2
L1700N 19+50E	1	10	8	80	<.3	15	5	695	1.36	8	<8	<2	3	13	.2	4	<3	26	.09	.167	8	10	.15	109	.10	<3	1.70	.02	.05	<2	2	2	<2
STANDARD DS3/FA-10R	10	123	33	152	<.3	37	12	802	3.12	34	8	<2	3	28	6.0	5	6	78	.54	.094	17	183	.59	144	.08	3	1.72	.04	.17	4	493	476	482

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	Pt** ppb	Pd** ppb
G-1	1	2	<3	37	<.3	4	3	538	1.81	4	9	<2	6	67	<.2	<3	<3	39	.53	.102	7	12	.52	209	.12	<3	.84	.07	.53	4	<2	<2	2
L1700N 20+00E	1	11	6	43	<.3	16	5	164	1.46	9	<8	<2	4	19	.2	<3	<3	30	.13	.134	13	11	.23	120	.11	<3	1.78	.02	.06	<2	<2	<2	<2
L1700N 20+50E	1	10	5	52	<.3	14	5	194	1.48	3	<8	<2	7	42	<.2	<3	<3	32	.32	.163	30	14	.38	96	.09	<3	1.14	.01	.07	<2	<2	<2	<2
L1700N 21+00E	1	12	9	46	<.3	14	5	191	1.50	9	8	<2	4	18	.3	3	<3	31	.12	.147	13	10	.20	121	.11	3	2.03	.02	.06	2	<2	<2	<2
L1700N 21+50E	1	19	11	61	<.3	18	7	268	1.76	5	<8	<2	5	32	.2	<3	<3	39	.20	.221	17	14	.39	135	.13	<3	2.18	.02	.07	<2	<2	<2	3
L1700N 22+00E	1	10	6	41	<.3	12	5	295	1.52	6	<8	<2	5	34	<.2	<3	<3	34	.26	.145	21	12	.30	106	.09	<3	1.29	.02	.07	2	<2	<2	<2
L1700N 22+50E	<1	10	5	34	<.3	13	5	170	1.43	5	8	<2	6	29	<.2	<3	<3	31	.21	.083	23	12	.32	109	.09	<3	1.05	.02	.07	<2	<2	<2	<2
0+100N 0+100W	2	8	9	40	.3	15	6	226	1.68	5	<8	<2	3	7	.3	<3	<3	33	.05	.201	5	13	.15	52	.13	<3	2.81	.01	.04	<2	<2	<2	2
0+100N 0+75W	1	10	6	35	<.3	13	4	96	1.55	4	<8	<2	5	20	<.2	<3	<3	37	.14	.092	16	16	.21	54	.11	<3	1.29	.02	.04	<2	<2	<2	<2
0+100N 0+50W	1	19	8	63	<.3	19	7	116	1.97	4	<8	<2	3	14	.3	<3	<3	40	.09	.183	8	17	.26	68	.13	<3	2.29	.02	.06	<2	<2	<2	<2
0+100N 0+25W	1	11	11	58	<.3	17	8	421	2.16	7	8	<2	4	15	.3	<3	<3	45	.11	.258	11	21	.20	58	.13	<3	2.64	.02	.05	<2	<2	2	3
0+100N 0+00E	1	27	9	60	<.3	15	7	348	1.87	4	<8	<2	8	73	<.2	<3	<3	45	.55	.239	43	17	.54	140	.11	3	1.36	.02	.20	<2	<2	<2	<2
0+75N 0+100W	3	23	14	28	.5	15	10	632	1.08	9	<8	<2	<2	123	.2	<3	<3	21	.59	.118	9	18	.22	179	.05	<3	1.76	.01	.08	<2	2	2	<2
0+75N 0+75W	1	9	10	56	<.3	9	4	96	1.33	6	<8	<2	2	11	.2	<3	<3	27	.08	.256	7	11	.14	59	.11	<3	1.66	.02	.04	<2	2	<2	<2
0+75N 0+50W	1	15	8	62	<.3	19	8	152	2.04	5	11	<2	4	14	.3	<3	3	39	.12	.178	12	18	.28	86	.13	<3	2.71	.02	.05	<2	<2	<2	<2
0+75N 0+25W	1	15	11	49	<.3	11	5	243	1.42	7	9	<2	2	21	.2	<3	<3	32	.16	.137	11	14	.20	71	.09	<3	1.34	.01	.08	<2	<2	2	<2
0+75N 0+00E	1	31	8	43	<.3	16	7	277	1.95	2	<8	<2	8	109	<.2	<3	<3	54	.87	.319	66	21	.60	135	.11	<3	.81	.03	.26	<2	2	2	<2
0+50N 0+100W	1	19	8	40	<.3	12	5	100	1.67	5	<8	<2	5	17	<.2	<3	<3	37	.12	.140	18	16	.22	62	.12	<3	1.75	.01	.07	<2	<2	<2	<2
0+50N 0+75W	1	11	11	47	<.3	14	5	115	1.48	7	<8	<2	3	21	.2	<3	<3	32	.12	.155	11	18	.22	75	.12	<3	1.59	.02	.05	2	<2	<2	<2
0+50N 0+50W	<1	18	9	47	<.3	12	5	324	1.68	9	8	<2	3	13	<.2	<3	<3	37	.10	.144	9	13	.22	69	.12	<3	1.81	.02	.05	2	2	<2	<2
RE 0+50N 0+50W	1	18	11	49	<.3	13	5	328	1.70	7	9	<2	3	13	.2	<3	<3	37	.10	.146	11	12	.22	71	.12	<3	1.83	.02	.05	<2	<2	<2	<2
0+50N 0+25W	1	16	9	67	<.3	17	8	255	1.66	6	<8	<2	4	15	<.2	<3	<3	33	.12	.207	12	12	.25	73	.12	<3	2.44	.01	.06	<2	2	<2	<2
0+50N 0+00E	1	26	8	52	<.3	15	6	265	2.10	<2	<8	<2	8	66	<.2	<3	<3	49	.45	.175	36	17	.52	119	.12	<3	1.50	.01	.12	<2	<2	<2	<2
0+25N 0+100W	1	10	9	58	.4	12	5	204	1.62	6	<8	<2	4	12	.2	3	<3	36	.11	.137	10	16	.20	60	.11	<3	1.40	.02	.04	<2	<2	3	3
0+25N 0+75W	1	11	10	41	<.3	12	5	89	1.55	5	<8	<2	3	13	.4	<3	<3	32	.07	.130	7	10	.13	63	.13	<3	2.58	.02	.05	<2	3	<2	<2
0+25N 0+50W	1	13	10	46	<.3	13	6	120	1.70	4	<8	<2	4	12	.4	3	<3	34	.08	.164	9	11	.16	55	.14	3	3.29	.02	.05	2	2	<2	<2
0+25N 0+25W	1	14	9	42	<.3	14	5	162	1.83	3	11	<2	5	31	<.2	<3	<3	47	.24	.130	27	16	.35	46	.13	<3	1.01	.02	.06	2	<2	<2	<2
0+00N 0+100W	<1	7	10	47	<.3	7	3	191	1.35	5	<8	<2	2	8	.2	<3	<3	29	.06	.268	7	10	.09	67	.11	<3	1.73	.02	.03	<2	<2	2	<2
0+00N 0+75W	2	22	11	60	<.3	19	8	169	1.74	8	<8	<2	3	18	<.2	6	<3	35	.12	.179	13	12	.26	117	.13	<3	2.66	.02	.05	2	<2	<2	<2
0+00N 0+50W	1	11	10	63	<.3	14	6	334	1.64	6	<8	<2	3	19	<.2	<3	<3	34	.14	.253	12	11	.21	105	.12	<3	2.01	.02	.05	<2	2	3	<2
0+00N 0+25W	1	24	11	66	<.3	17	7	270	1.89	6	<8	<2	4	22	<.2	<3	<3	40	.16	.229	16	14	.28	127	.14	3	2.57	.02	.06	<2	<2	2	<2
0+25E 0+100N	1	14	7	32	<.3	14	4	103	1.80	5	<8	<2	3	23	<.2	<3	<3	42	.16	.160	14	16	.23	53	.12	<3	1.72	.02	.04	<2	<2	<2	<2
0+25E 0+50N	1	43	11	41	<.3	17	5	122	2.01	4	10	<2	6	24	.2	<3	<3	40	.14	.170	13	15	.20	129	.13	3	2.55	.03	.06	2	<2	4	<2
0+25E 0+25N	1	14	10	30	<.3	10	4	207	1.90	3	<8	<2	2	13	<.2	<3	<3	44	.10	.304	13	13	.11	52	.11	<3	2.55	.02	.03	2	2	<2	<2
STANDARD DS3/FA-10R	10	120	35	153	<.3	36	12	798	3.13	31	13	<2	3	27	5.8	4	5	77	.53	.094	17	185	.60	141	.09	<3	1.72	.04	.16	5	487	495	481

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	Pt** ppb	Pd** ppb
G-1	1	2	<3	37	<.3	6	3	516	1.70	2	8	<2	6	62	<.2	<3	<3	37	.49	.092	8	11	.50	209	.11	4	.81	.07	.50	4	<2	<2	<2
0+25E 0+00N	1	20	9	17	<.3	8	3	51	1.46	9	<8	<2	2	6	.3	<3	<3	30	.04	.159	13	9	.09	46	.12	<3	2.90	.02	.02	<2	2	<2	<2
0+25E 0+25S	1	19	7	37	<.3	13	5	127	1.71	5	<8	<2	5	33	<.2	<3	<3	38	.29	.201	31	15	.29	83	.10	3	1.61	.01	.04	<2	<2	<2	2
0+25E 0+50S	1	29	17	61	<.3	20	8	219	2.98	7	<8	<2	4	21	<.2	5	<3	97	.22	.152	50	27	.84	67	.32	<3	1.32	.02	.07	<2	4	<2	2
0+25E 0+75S	1	17	7	28	<.3	13	5	130	2.00	6	<8	<2	7	35	<.2	<3	<3	48	.35	.274	34	16	.22	63	.08	<3	1.35	.01	.04	<2	2	<2	<2
0+25E 0+100S	1	68	7	42	<.3	18	7	263	2.17	3	<8	<2	7	126	<.2	3	<3	62	1.04	.406	96	24	.62	135	.09	<3	.73	.02	.27	<2	2	<2	<2
0+50E 0+100N	1	10	7	19	<.3	9	3	84	.79	3	<8	<2	2	55	<.2	<3	3	20	.30	.056	20	9	.24	48	.08	<3	.74	.02	.04	<2	3	<2	<2
0+50E 0+75N	1	8	11	19	<.3	7	3	74	1.16	6	<8	<2	2	40	<.2	<3	<3	31	.19	.059	12	10	.17	55	.11	<3	1.03	.02	.04	<2	2	<2	<2
0+50E 0+50N	1	63	7	50	<.3	17	6	206	2.52	4	<8	<2	8	32	<.2	<3	<3	61	.26	.299	28	22	.44	53	.13	<3	1.82	.01	.05	<2	<2	<2	<2
0+50E 0+25N	1	7	8	12	<.3	6	3	40	1.53	13	<8	<2	2	15	.2	4	<3	31	.06	.143	5	6	.07	54	.13	<3	2.28	.02	.03	<2	<2	2	3
0+50E 0+00N	1	12	10	25	<.3	8	4	78	1.24	10	8	<2	2	10	.3	3	<3	28	.07	.175	8	8	.08	60	.10	<3	1.74	.02	.04	2	<2	<2	3
0+50E 0+25S	2	37	12	41	<.3	15	5	178	4.43	11	<8	<2	9	28	<.2	7	<3	111	.27	.472	40	29	.43	67	.10	<3	2.09	.01	.06	3	<2	<2	2
RE 0+50E 0+25S	1	38	9	41	<.3	14	5	173	4.38	11	<8	<2	10	27	<.2	<3	<3	110	.26	.465	39	28	.42	67	.10	3	2.05	.01	.06	2	3	<2	<2
0+50E 0+50S	1	37	14	43	<.3	17	8	136	1.72	10	<8	<2	6	33	.2	<3	<3	45	.22	.112	18	17	.43	119	.15	<3	2.12	.02	.07	<2	<2	3	<2
0+50E 0+75S	1	11	8	18	<.3	9	3	79	1.05	4	<8	<2	5	25	<.2	<3	<3	27	.19	.110	22	10	.21	49	.10	<3	.76	.01	.04	<2	3	<2	2
0+50E 0+100S	1	56	9	42	<.3	16	7	177	2.21	7	<8	<2	5	29	<.2	<3	<3	52	.27	.215	36	18	.41	76	.13	<3	1.78	.01	.06	<2	3	<2	3
0+75E 0+100N	<1	26	10	22	<.3	11	4	105	.90	6	<8	<2	3	98	<.2	<3	<3	22	.41	.040	20	10	.35	57	.09	5	.83	.02	.06	<2	2	<2	<2
0+75E 0+75N	1	14	8	43	<.3	13	6	145	1.63	12	<8	<2	4	22	<.2	<3	<3	32	.16	.264	13	12	.17	81	.11	3	2.36	.02	.04	<2	2	<2	2
0+75E 0+50N	1	24	8	45	<.3	12	4	110	1.68	9	<8	<2	5	34	<.2	<3	<3	38	.20	.174	16	14	.21	70	.10	<3	1.88	.02	.05	<2	2	3	2
0+75E 0+25N	1	46	13	45	<.3	14	5	201	2.12	9	<8	<2	6	20	<.2	<3	<3	49	.18	.280	26	15	.30	84	.15	<3	2.64	.02	.06	<2	3	<2	4
0+75E 0+00N	1	11	9	34	<.3	10	5	129	1.73	12	<8	<2	5	16	<.2	<3	<3	36	.13	.307	13	11	.16	68	.10	3	2.20	.01	.03	<2	3	3	2
0+75E 0+25S	1	16	7	38	<.3	13	6	153	1.90	12	<8	<2	4	21	.2	<3	<3	41	.16	.218	21	15	.28	77	.12	<3	2.17	.01	.04	<2	<2	<2	<2
0+75E 0+50S	1	18	8	24	<.3	12	4	121	1.71	11	<8	<2	5	28	<.2	<3	<3	41	.25	.239	27	14	.21	62	.10	<3	1.59	.01	.04	<2	3	<2	<2
0+75E 0+75S	1	20	7	31	<.3	15	6	149	2.03	7	<8	<2	7	35	<.2	<3	<3	51	.29	.192	34	18	.35	63	.10	<3	1.37	.01	.05	<2	<2	<2	<2
0+75E 0+100S	<1	24	8	42	<.3	16	6	186	2.06	6	<8	<2	8	40	<.2	<3	<3	54	.32	.190	43	21	.40	73	.11	<3	1.29	.01	.06	<2	2	<2	<2
0+100E 0+100N	1	26	10	33	<.3	13	5	120	1.58	6	<8	<2	8	49	<.2	<3	<3	34	.29	.175	29	15	.28	86	.11	<3	1.24	.01	.05	<2	<2	<2	2
0+100E 0+75N	<1	21	6	25	<.3	14	4	91	1.71	9	<8	<2	4	28	<.2	<3	<3	38	.16	.191	16	13	.19	85	.11	<3	1.74	.01	.05	<2	2	2	2
0+100E 0+50N	1	9	7	32	<.3	10	3	96	1.70	6	<8	<2	6	39	<.2	3	<3	36	.28	.388	22	14	.17	81	.09	3	1.41	.01	.05	2	<2	<2	2
0+100E 0+25N	<1	30	11	29	<.3	17	9	152	1.81	10	<8	<2	5	61	.2	<3	<3	36	.29	.112	25	15	.34	213	.13	<3	2.43	.02	.07	<2	<2	2	4
0+100E 0+00N	1	14	8	25	<.3	10	5	77	1.83	16	8	<2	5	15	.3	4	<3	38	.08	.242	19	13	.14	78	.11	<3	2.63	.02	.04	4	4	<2	3
0+100E 0+25S	1	33	8	22	<.3	15	5	101	2.05	11	<8	<2	9	27	.3	<3	<3	50	.17	.225	21	15	.25	93	.11	<3	2.87	.02	.06	<2	2	2	3
0+100E 0+50S	<1	11	6	36	<.3	10	4	110	1.77	7	<8	<2	8	26	<.2	<3	<3	40	.20	.217	31	15	.22	61	.09	<3	2.02	.01	.04	<2	<2	<2	3
0+100E 0+75S	<1	24	5	19	<.3	11	4	148	1.95	<2	<8	<2	8	86	<.2	<3	<3	54	.84	.384	75	20	.30	69	.06	<3	.52	.01	.10	<2	<2	<2	3
0+100E 0+100S	<1	82	6	62	<.3	17	7	219	2.89	13	10	<2	8	21	.2	5	<3	79	.23	.495	39	22	.47	118	.20	<3	2.86	.02	.10	<2	<2	<2	3
STANDARD DS3/FA-10R	9	120	33	155	.3	37	12	809	3.14	33	<8	<2	3	28	5.5	5	6	77	.54	.094	19	185	.60	152	.08	<3	1.74	.04	.17	4	498	467	479

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	Pt** ppb	Pd** ppb
G-1	1	1	<3	39	<.3	5	3	549	1.83	2	8	<2	5	64	<.2	<3	<3	41	.51	.098	8	12	.53	221	.12	3	.84	.07	.48	4	<2	<2	<2
0+25S 0+100W	1	8	15	51	<.3	7	4	170	1.39	7	8	<2	7	8	.2	3	4	33	.06	.105	8	10	.15	59	.11	3	1.14	.02	.06	<2	<2	<2	<2
0+25S 0+75W	1	13	12	51	<.3	13	4	152	1.91	7	8	<2	3	14	<.2	<3	<3	41	.09	.227	10	13	.24	59	.14	<3	1.75	.02	.05	<2	<2	<2	2
0+25S 0+50W	1	20	11	65	<.3	15	6	254	1.95	5	<8	<2	5	22	<.2	<3	7	42	.19	.219	19	14	.34	105	.12	<3	2.22	.02	.07	<2	<2	<2	2
0+25S 0+25W	1	29	11	87	<.3	21	8	477	2.16	7	<8	<2	3	26	<.2	<3	<3	50	.24	.205	17	16	.45	99	.14	<3	2.19	.02	.13	<2	<2	<2	2
0+50S 0+100W	2	40	13	44	.3	19	8	198	1.91	5	<8	<2	4	12	.2	<3	<3	37	.08	.154	10	15	.21	77	.13	<3	2.82	.02	.05	<2	<2	<2	<2
0+50S 0+75W	2	20	15	58	<.3	15	6	260	1.75	9	<8	<2	3	14	.2	<3	3	37	.11	.185	12	12	.23	103	.11	<3	2.27	.02	.06	<2	2	2	<2
0+50S 0+50W	1	40	16	67	<.3	16	7	857	1.90	4	<8	<2	5	41	<.2	<3	3	48	.39	.135	35	16	.50	144	.11	3	1.35	.02	.08	<2	<2	<2	2
RE 0+50S 0+00E	1	20	10	44	<.3	12	5	178	1.62	6	9	<2	3	23	<.2	<3	<3	37	.16	.156	16	12	.24	91	.10	<3	1.74	.01	.06	<2	<2	<2	<2
0+50S 0+25W	1	49	12	40	<.3	17	7	265	2.01	<2	<8	<2	7	109	<.2	<3	3	56	.88	.332	71	20	.61	128	.10	3	.75	.02	.26	2	<2	<2	<2
0+50S 0+00E	2	22	12	46	<.3	13	5	177	1.68	11	<8	<2	3	26	<.2	<3	<3	36	.17	.164	17	13	.25	100	.11	<3	1.88	.02	.07	2	2	<2	<2
0+75S 0+100W	1	15	10	47	.3	13	6	232	1.69	9	<8	<2	5	13	.3	<3	<3	37	.09	.137	11	12	.18	96	.12	<3	1.93	.02	.06	<2	<2	<2	<2
0+75S 0+75W	2	31	12	50	<.3	16	6	160	1.79	7	<8	<2	5	27	<.2	<3	<3	38	.16	.154	16	12	.26	111	.12	<3	2.18	.02	.05	<2	<2	<2	<2
0+75S 0+50W	1	16	9	55	<.3	16	6	235	1.74	5	<8	<2	5	32	<.2	<3	<3	41	.24	.188	22	13	.32	93	.10	<3	1.30	.02	.07	<2	<2	<2	<2
0+75S 0+25W	1	19	13	53	<.3	14	5	135	1.82	7	<8	<2	6	20	.2	<3	<3	40	.19	.252	18	14	.21	66	.10	<3	1.47	.02	.05	<2	<2	<2	<2
0+75S 0+00E	2	62	12	30	<.3	11	4	89	1.63	3	<8	<2	3	13	<.2	<3	3	33	.06	.217	19	8	.14	69	.12	<3	3.16	.02	.05	<2	<2	2	<2
0+100S 0+100W	1	25	9	46	<.3	21	7	157	1.83	8	<8	<2	4	19	.2	<3	<3	38	.13	.186	16	13	.24	97	.12	<3	2.38	.02	.06	2	2	2	<2
0+100S 0+75W	1	41	13	74	<.3	20	7	283	2.08	11	<8	<2	5	24	.2	<3	<3	50	.23	.175	23	14	.39	99	.12	<3	1.97	.02	.06	<2	<2	<2	<2
0+100S 0+50W	2	16	13	69	<.3	12	5	168	1.81	10	<8	<2	5	16	.2	<3	4	42	.14	.265	16	13	.21	65	.11	<3	1.66	.01	.04	<2	<2	<2	<2
0+100S 0+25W	1	84	10	42	<.3	17	7	274	2.36	3	<8	<2	13	116	<.2	<3	<3	70	.98	.413	90	23	.61	127	.10	<3	.71	.03	.24	2	<2	<2	2
STANDARD DS3/FA-10R	10	125	35	156	<.3	37	12	831	3.19	32	<8	<2	3	28	5.8	5	6	80	.53	.093	17	191	.61	153	.08	4	1.76	.04	.17	4	486	470	486

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	Pt** ppb	Pd** ppb
G-1	1	1	<3	36	<.3	4	3	530	1.74	<2	<8	<2	6	64	<.2	<3	<3	39	.49	.094	7	12	.52	206	.12	6	.82	.06	.49	5	<2	<2	3
ALS-001	<1	6	9	29	<.3	13	5	99	.96	4	9	<2	<2	44	.2	<3	<3	20	.25	.087	11	12	.34	65	.10	<3	1.22	.03	.05	<2	<2	2	2
ALS-002	1	3	9	29	<.3	10	3	75	1.62	3	<8	<2	3	26	<.2	<3	<3	36	.19	.233	12	15	.18	77	.11	<3	1.21	.01	.05	2	<2	2	5
ALS-003	1	6	8	40	<.3	15	6	165	1.78	5	<8	<2	5	63	.2	3	<3	45	.46	.323	19	18	.57	68	.14	3	1.35	.02	.06	3	<2	2	2
ALS-004	1	10	9	49	<.3	14	6	120	2.03	<2	<8	<2	4	25	.2	<3	<3	39	.15	.255	11	15	.29	82	.14	<3	2.54	.02	.06	<2	<2	<2	<2
ALS-005	1	9	9	33	<.3	11	4	100	1.74	11	<8	<2	4	30	.3	6	<3	43	.19	.326	13	14	.21	67	.11	<3	2.57	.02	.04	4	<2	<2	<2
ALS-006	2	10	12	51	<.3	11	4	121	1.96	10	8	<2	3	22	.4	5	<3	40	.13	.378	10	13	.18	82	.12	3	2.78	.02	.05	2	<2	3	3
ALS-007	1	9	10	36	<.3	12	4	137	1.73	8	<8	<2	3	24	.2	7	<3	38	.13	.266	11	13	.19	87	.12	<3	2.42	.02	.05	3	<2	<2	<2
ALS-008	1	10	8	24	<.3	7	4	80	1.54	8	<8	<2	3	14	.4	<3	3	30	.07	.319	11	8	.10	68	.12	<3	3.04	.02	.03	<2	<2	<2	<2
RE ALS-008	1	10	9	24	<.3	7	4	79	1.56	6	8	<2	3	14	.3	<3	<3	31	.07	.324	11	9	.10	69	.13	<3	3.07	.02	.03	<2	2	<2	4
ALS-009	1	8	8	44	<.3	14	5	533	1.70	10	<8	<2	3	23	.4	5	<3	38	.18	.246	12	15	.24	68	.13	<3	2.46	.02	.04	4	<2	2	2
ALS-010	1	7	11	40	<.3	9	4	253	1.61	6	<8	<2	3	17	<.2	<3	<3	35	.12	.195	8	11	.17	79	.12	<3	1.80	.02	.07	2	<2	<2	2
ALS-011	1	8	13	62	<.3	14	6	490	1.79	10	<8	<2	4	17	.3	6	<3	37	.14	.284	12	14	.20	107	.13	3	2.26	.02	.05	2	<2	<2	<2
ALS-012	<1	7	9	63	<.3	15	5	474	1.61	5	<8	<2	7	25	<.2	<3	<3	35	.19	.202	16	14	.21	72	.11	<3	1.74	.01	.06	<2	<2	<2	<2
ALS-013	1	9	11	71	<.3	16	6	335	1.89	7	<8	<2	6	25	.3	5	<3	43	.22	.250	19	17	.26	99	.13	3	1.81	.02	.06	2	2	<2	3
ALS-014	1	6	13	68	<.3	16	6	496	2.01	8	<8	<2	4	28	<.2	<3	<3	44	.24	.266	20	20	.28	59	.12	<3	1.65	.02	.05	2	<2	<2	<2
ALS-015	1	12	11	61	<.3	18	6	230	2.11	11	<8	<2	6	29	.4	7	<3	45	.20	.265	19	20	.29	76	.14	<3	2.60	.01	.05	3	<2	<2	<2
ALS-016	1	9	9	65	<.3	15	5	138	1.69	7	<8	<2	4	23	<.2	<3	<3	34	.16	.276	13	13	.21	76	.12	<3	2.11	.02	.03	<2	<2	<2	<2
ALS-017	1	7	11	65	<.3	14	6	226	1.99	6	<8	<2	4	23	<.2	<3	<3	43	.17	.236	15	17	.24	103	.12	<3	1.70	.02	.05	<2	2	<2	<2
ALS-018	1	8	12	36	<.3	8	4	99	1.71	9	<8	<2	4	11	.3	<3	<3	34	.07	.198	7	10	.12	64	.13	<3	2.35	.01	.04	2	<2	<2	<2
ALS-019	1	12	10	28	<.3	12	5	104	1.66	5	<8	<2	5	56	<.2	<3	<3	36	.25	.094	27	13	.23	92	.11	<3	1.58	.03	.06	2	<2	<2	3
ALS-020	1	7	9	27	<.3	8	4	101	1.46	4	<8	<2	6	38	<.2	3	<3	34	.23	.185	22	12	.21	68	.09	<3	1.30	.02	.04	2	<2	<2	<2
ALS-021	1	9	9	48	<.3	14	6	232	2.07	8	<8	<2	7	58	<.2	<3	<3	47	.47	.456	39	22	.28	86	.10	<3	1.47	.02	.05	<2	<2	<2	<2
ALS-022	<1	7	9	51	<.3	14	6	202	2.00	4	<8	<2	6	50	<.2	<3	<3	46	.40	.300	36	22	.37	83	.12	<3	1.12	.02	.05	<2	<2	<2	4
STANDARD DS3/FA-10R	10	125	34	157	.3	35	12	838	3.25	33	9	<2	4	29	5.8	5	6	82	.56	.097	19	193	.62	149	.10	3	1.78	.04	.17	5	470	478	478

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data d FA ___

APPENDIX H

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, David T. Mehner, of 333 Scenic Drive of the Municipality of Coldstream, Province of British Columbia hereby certify that:

1. I am a Consulting Geologist with a business office at 333 Scenic Drive< Coldstream, British Columbia, V1B-2X3

2. I am a graduate of the University of Manitoba with a Bachelor of Science, Honours Geology Degree, 1976 and a Master of science Degree (Geology), 1982.

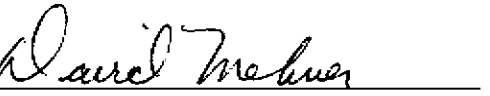
3. I am a Registered Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia (No. 19587).

4. I am a Fellow of the Geological association of Canada.

5. I have practiced my profession as a geologist continuously since graduation.

6. The foregoing report is based on carrying out geological mapping, prospecting and rock sampling for Santoy Resources Ltd. on the Alley claims between October 12 and 17, 2001.

7. I own no direct, indirect or contingent interest in the Alley claims or Santoy Resources Ltd. nor do I expect to receive directly or indirectly any shares or securities in Santoy Resources Ltd.



David T. Mehner, P. Geo.
Consulting Geologist

April 10, 2002

N

119°21'00" W

5 476 000 N

5 475 000 N

49°24'00" N

5 474 000 N

5 473 000 N

5 472 000 N

5 471 000 N

5 470 000 N

1500

1600

1700

Selco(1973) ?

(82-1)

(82-2)

SPOON

(82-4)

(82-3)

(82-5)

ANTLER

TESSA ZONE

(82-1,2,3)

ROAD SHOW

AR-01 AR-02 AR-03 AR-04 AR-05 AR-06 AR-07 AR-08 AR-09 AR-10 AR-11 AR-12 AR-13 AR-14 AR-15 AR-16 AR-17 AR-18 AR-19 AR-20 AR-21 AR-22 AR-23 AR-24 AR-25 AR-26 AR-27 AR-28 AR-29 AR-30 AR-31 AR-32

CX-01 CX-05 CX-09

Allendale Lake

Kilmer Creek

Shuttleworth Creek

327 000 E

328 000 E

329 000 E

330 000 E

331 000 E

LEGEND

- Road – gravel 2 lane
- Road – gravel 1 lane
- Road – rough
- Trail
- River / stream
- Property Boundary
- Diamond Drill Hole Location
- Showing
- AR-27 Rock Sample Location (1983)
- Zone of Erratic Magnetic Response
- Zone of General Magnetic Low
- Soil Anomaly – Copper > 150 ppm
- Soil Anomaly – Silver > 7 ppm
- IP Anomalies
- Anomalous IP Zone
- Definite
- Probable
- Possible

Contour interval is 20m
Projection: NAD 83, UTM, Zone 11

0 500 m

Santoy Resources Ltd.

ALLENDALE PROPERTY

Southern BRITISH COLUMBIA

Historical Work

Scale: 1:10,000	BCGS: 082E034,044	Map: 1
Date: Apr 2002	NTS: 082E/6	

119°21'00" W

49°24'00" N

5 476 000 N

5 475 000 N

5 474 000 N

5 473 000 N

5 472 000 N

5 471 000 N

5 470 000 N

327 000 E

328 000 E

329 000 E

330 000 E

331 000 E

SPOON

ANTLER

TESSA ZONE

ROAD SHOW

Allendale Lake

Kilmer Creek

Shuttleworth Creek

Road (approx.)

Chip Samples from Detailed Area

C 114151 Cu 220 Ag 0.1 Au 6 Pt 1 Pd 4
C 114152 Cu 251 Ag 0.1 Au 4 Pt 1 Pd 4
C 114153 Cu 606 Ag 0.1 Au 79 Pt 4 Pd 17
C 114154 Cu 699 Ag 0.3 Au 20 Pt 5 Pd 6
C 114155 Cu 34 Ag 0.1 Au 1 Pt 1 Pd 1
C 114156 Cu 155 Ag 0.1 Au 5 Pt 1 Pd 2
C 114157 Cu 178 Ag 0.1 Au 6 Pt 1 Pd 1
C 114158 Cu 155 Ag 0.1 Au 5 Pt 1 Pd 2
C 114159 Cu 221 Ag 0.1 Au 3 Pt 2 Pd 3
C 114156 Cu 202 Ag 0.4 Au 1 Pt 2 Pd 2

LEGEND

- Road – gravel 2 lane
- Road – gravel 1 lane
- Road – rough
- Trail
- River / stream
- Property Boundary
- Showing

Contour interval is 20m
Projection: NAD 83, UTM, Zone 11

417291 Sample Number
× Rock Sample
△ Rock Float Sample

Sample Results
Cu – ppm
Ag – ppm
Au – ppb
Pt – ppb
Pd – ppb

Note: Anomalous Results are Highlighted
Note: Values less than the detection limit are set to 0.5x the detection limit

Eocene
- Syenite
- Pyroxenites, Gabbros
- Mixed Hybrid Zone (Syenite–Gneiss)
- Gneiss and schists

Jurassic/Cretaceous
- Quartz monzonites to granodiorites

Area of outcrop
▲ Pyroxenite/Gabbro Float

0 500 m

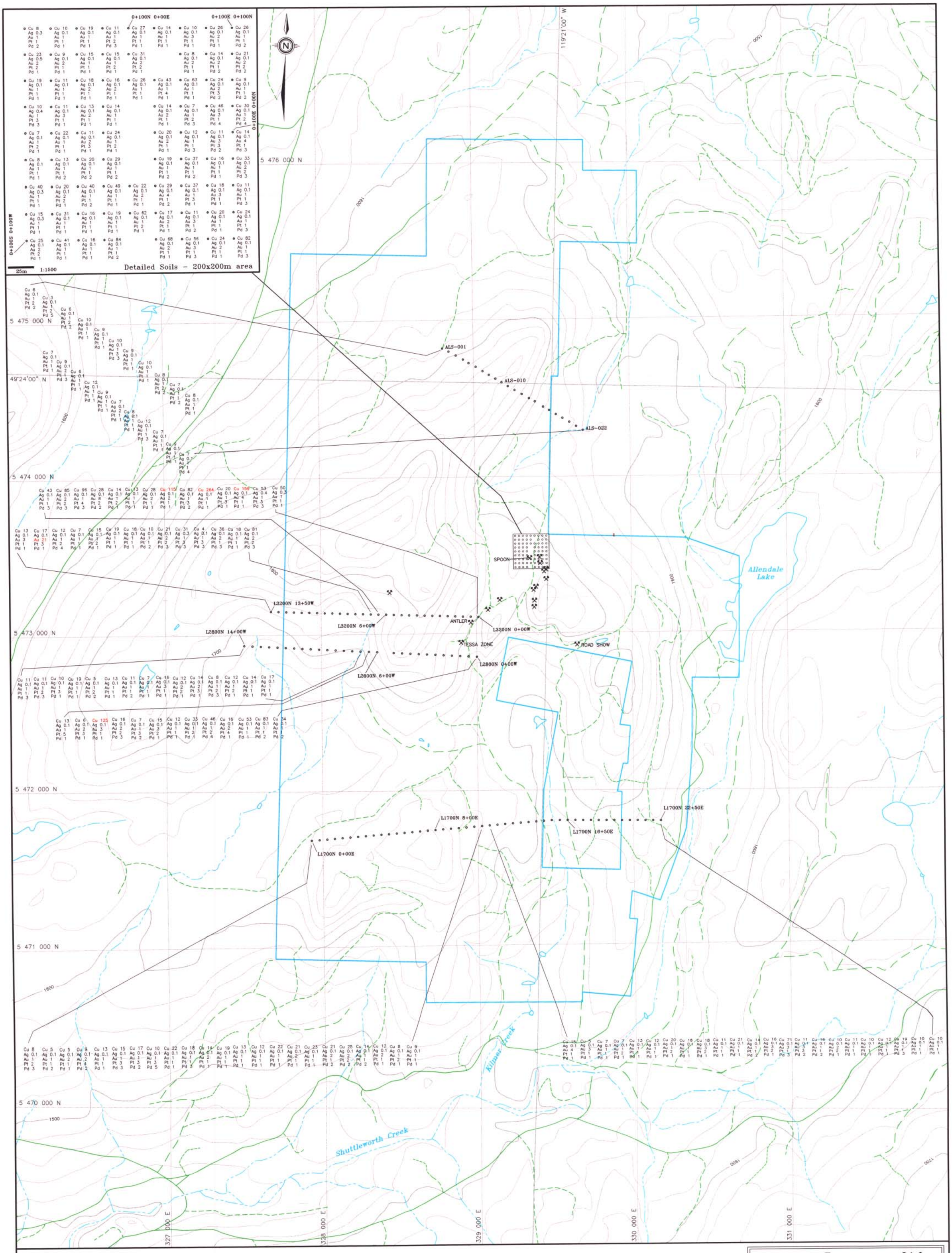
Santoy Resources Ltd.

ALLENDALE PROPERTY

Southern BRITISH COLUMBIA

Geology and Rock Sampling

Scale: 1:10,000		BCGS: 082E034,044	Map: 2
Date: Apr 2002		NTS: 082E/6	



LEGEND

- Road – gravel 2 lane
- Road – gravel 1 lane
- Road – rough
- Trail
- River / stream
- Property Boundary
- Showing

Contour interval is 20m
Projection: NAD 83, UTM, Zone 11

ALS-022 Sample Number

• Soil sample

Sample Results
Cu – ppm
Ag – ppm
Au – ppb
Pt – ppb
Pd – ppb

Cu 56
Ag 22.5
Au 4
Pt 1
Pd 1

Note: Anomalous Results are Highlighted
Note: Values less than the detection limit are set to 0.5x the detection limit

0 500 m

Santoy Resources Ltd.

ALLENDALE PROPERTY

Southern BRITISH COLUMBIA

Soil Geochemical Sampling

Scale: 1:10,000	BCGS: 082E034,044	Map: 3
Date: Apr 2002	NTS: 082E/6	