

84-#236 - 12311
4/85

REPORT ON THE SOMBRIO GROUP

A DESCRIPTION OF STREAM
SEDIMENT, SOIL GEOCHEMICAL
AND LITHOGEOCHEMICAL SURVEYS

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

12,311

FOR
UNICORN RESOURCES INC.
~~VANCOUVER ISLAND~~ MINING DIVISION
Victoria

N.T.S. 92 C/9

48° 33' ; 124° 15'

BY

C. VON EINSIEDEL, B.Sc.,
Geologist

October 12, 1983

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SUMMARY

The Sombrio claim group gold prospect is situated 14 km east of Port Renfrew on Vancouver Island. This summer, over a two week period, a reconnaissance style silt and soil sampling survey was conducted over an area 4.5 km x 3.5 km. The survey outlined an anomalous zone, for arsenic, with a length of 600 - 700 m with a width of up to 200 m. Within this zone anomalous gold values were also found.

The results of the survey indicates that the geological environment is favourable and the results compare favourably with the values recorded by BeauPre Explorations in their initial sampling of their Valentine Mtn. discovery.

INTRODUCTION

On behalf of Unicorn Resources Inc., Hi-Tec Resource Management Limited conducted a preliminary exploration program on the Sombrio River claim group near Port Renfrew on Vancouver Island.

The program was carried out between July 20 and August 3, 1983.

PROPERTY, LOCATION AND ACCESS

The Sombrio group of claims are located 14 km east of Port Renfrew on the southwest side of Vancouver Island, British Columbia. They lie within the Victoria Mining Division at approximately 124°15'W longitude by 48°33'N latitude; NTS 92C/9.

Access is by forestry road from a point on the Victoria to Port Renfrew Highway 14 at a point 22 km north of Victoria. The road winds up the mountainside through fir and cedar forest which is being actively logged. New roads are currently being built to permit logging access.

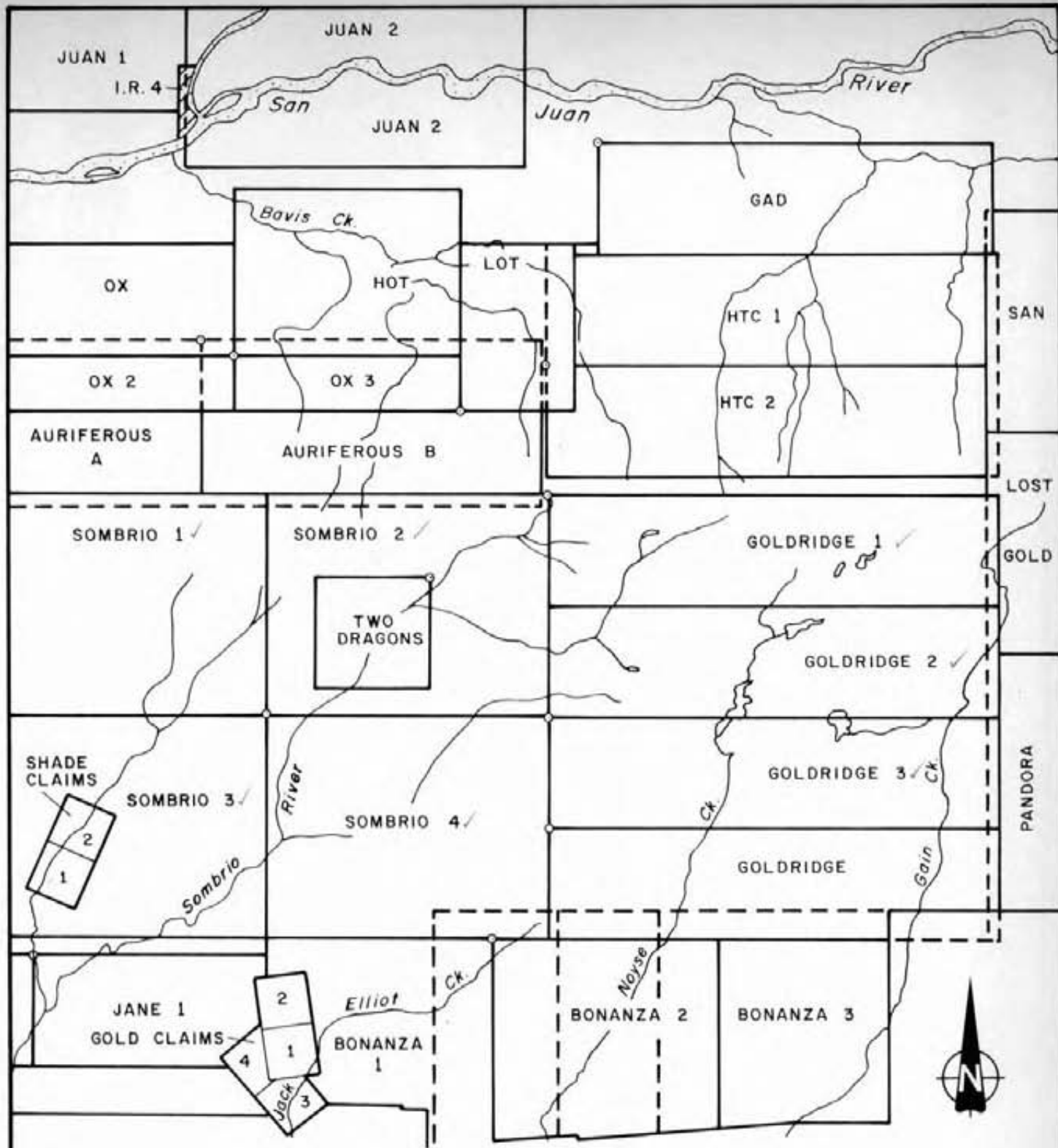




SOMBRIO CLAIMS

UNICORN RESOURCES LTD.
LOCATION MAP
 OF
 — SAN JUAN PROJECT —





UNICORN RESOURCES LTD.
CLAIM MAP
 OF
 — SAN JUAN PROJECT —



The topography consists of rough terrain cut by the Sombrio River which has numerous feeder streams. Water for drilling is readily available. The ground cover consists of blueberry, huckleberry and salal. The undergrowth can be quite heavy at times.

The claim group consists of the following claims.

Goldridge	1	¹⁶ 18 units
Goldridge	2	¹⁶ 18 units
Goldridge	3	16 UNITS
Sombrio	1	20 units
Sombrio	2	20 units
Sombrio	3	20 units
Sombrio	4	20 units

EXPLORATION PROGRAM

The program was designed to cover an area that lies at the headwater of a known placer gold producing creek. During the staking of the claim group a random rock sample returned a value of greater than 9000 ppm arsenic and this survey was oriented so as to provide reconnaissance scale survey of the general area where the sample was believed to have originated.

The principal aims of the program were to provide:

- (i) Reconnaissance scale lithogeochemical, stream sediment and soil geochemical data for the entire claim group, and
- (ii) Detailed soil geochemical data for the SE corner of the Sombrio 2 claim and the western part of the Gold Ridge 2 claim. The latter area straddles a small dioritic stock intruding grey phillites of the Leech River formation.

The program consisted of approximately 21 line km of soil sampling (450 samples), a systematic stream sampling program (60 samples) and reconnaissance scale geological mapping and prospecting (60 bedrock quartz vein and shear zone samples).

GEOLOGY

The Sombrio Claim Group is comprised mainly of phyllites and meta-greywackes of the Leech River formation. These units have been intruded by a smaller dioritic stock and smaller dioritic dykes. The accompanying geologic map shows the location of the stock and several of the smaller dykes. The contact between the meta-sedimentary rocks and the pluton shows some evidence of contact metamorphism and metasomatism.

Recent discoveries at Valentine Mountain, located some 25 km to the east, occur in a similar geologic setting. Mineralization at Valentine Mountain consists of narrow gold-bearing quartz veins with an associated arsenic enrichment.

GEOCHEMISTRY

The program consisted of approximately 21 line kms of soil sampling (450 samples) combined with stream sampling (60 samples) and reconnaissance scale geologic mapping and prospecting (60 bedrock quartz veins and shear zone samples).

The soil lines were spaced at 200 m intervals along an E-W baseline and were oriented N-S. Several lines were added between these lines at 100 m spacings to give better coverage in an area that lay between the contact with the dioritic intrusion and the fault zone to the west. Two other lines were the result of traverses along contour lines at the base of some steep side hills with the hope that any downhill migration of the minerals might be encountered. All samples were analyzed for arsenic and gold.

Lithogeochemistry

Prospecting was directed at locating two potentially favourable environments:

- (i) Discordant quartz veins and stringers, and (vein widths were generally less than 0.5 m).

- (ii) Altered shear zones, often containing irregular quartz stringers, which display extensive limonitic and hematitic staining. Some argillic alteration was also noted.

Numerous environments as described above were located however, of sixty specimens analyzed (Au and As), there appears to be no anomalous results.

Soil Geochemistry

The soil survey consisted of approximately 450 samples collected primarily from the "C" horizon. Where glacial overburden was present samples were collected from the "B" horizon in the till.

Sample locations are indicated on the accompanying geochemistry map. Appendix I contains analytical results - soil samples are designated "B" or "C" to indicate soil horizon sampled.

A lens shaped arsenic anomaly, traceable over 4 profiles (approximately 600 m) with a width of 200 m, was identified. Of the stations defining the arsenic anomaly, only one peripheral station has an associated anomalous gold value. This gold result (50 ppb) was the highest result obtained from analyzed samples and is considerably above background (5 - 10 ppb). The long axis of the anomaly is situated between stations 5200E and 5800E at approximately 5000N.

The most striking features of this anomaly include:

- (i) Its close proximity to the inferred diorite meta-sediment contact, and
- (ii) The strike of the long axis of the anomaly is approximately coincident with the strike of the geologic contact. These observations suggest that hydrothermal fluids may have been active along the geologic contact and that a zone of potential economic important may have been produced.

Stream Sediment Survey

The stream sediment sampling program consisted of 52 samples distributed over the entire claim group. At each sample site, fine material was collected from both the active channel and quieter parts of the stream.

Samples were analyzed for Au and As however, no significant anomalies were detected. Sample sites and analytical results are indicated on the accompanying geochemical map in Appendix I respectively.

Geochemical Analysis

Soil and silt samples were dried, then sieved to -80 mesh, digested with hot nitric/hydrochloric acid (Aqua-regia) and determined by atomic absorption.

CONCLUSIONS AND RECOMMENDATIONS

Preliminary geologic mapping has shown that the Sombrio river claims are situated in a geological environment that may have the potential to host gold mineralization similar to that at Valentine Mountain. Potentially favourable targets, including discordant quartz veins and altered shear zones have been identified. Although, assay results suggest little Au enrichment.

Results of the soil geochemical survey were more encouraging and has defined a lens shaped arsenic anomaly with minor associated Au. The anomalous zone occurs immediately adjacent to a small dioritic stock; a location which suggests that hydrothermal fluids may have been active along the geologic contact.

Knowledge of the high-grade gold veins on Valentine Mountain suggests that the gold is related to arsenic values greater than 70 ppm and gold values greater than 40 ppb. Proximity to a diorite stock or dyke also seems to be important.

It is recommended that more research regarding gold mineralization in the area (especially Valentine Mountain) be carried out.

Once a better understanding of controls on mineralization has been obtained, the anomalous area defined by the soil survey can be properly evaluated. This evaluation should include:

- 1) Detailed geochemical sampling over the zone of arsenic enrichment. The lines should be 50 m apart with samples taken at either 10 or 20 m intervals. The silt and soil samples should be pulverized to lessen any nugget effect which may be produced by sieving out the coarse gold that could be present.
- 2) Detailed geological prospection of this area followed by trenching and blasting of all quartz veins.

Respectfully submitted



C. Von Einsiedel, B.Sc.,

Geologist

October 12, 1983

B.Sc. Hon. Geology, Carleton, 1982;
has worked in exploration since 1974



HI-TEC
RESOURCE
MANAGEMENT
LIMITED

COST BREAKDOWN

<u>Personnel</u>	<u>Date</u>	<u>Wages</u>	<u>Days</u>	<u>Total</u>
C. Von Einsedel	25 July - 6 Aug.	\$225.00	11.5	\$ 2,587.50
D. Richards	25 July - 6 Aug.	\$175.00	11.5	2,012.50
Vehicle	@ \$60.00/day			690.00
Fuel				289.60
Meals, accomodation at cost				910.66
Materials				425.00
Transportation				41.30
Assaying				4,773.80
Drafting and report				<u>2,000.00</u>
				<u>\$13,730.36</u>



APPENDIX I
Analytical Results



HI-TEC
RESOURCE
MANAGEMENT
LIMITED

VANGEDICHEN LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: HI TEC RESOURCE
NOTES: nd = none detected
: - = not analysed
: is = insufficient sample

REPORT NUMBER: 83-45-005

JOB NUMBER: 83200

SAN JUAN PROJECT PAGE 1 OF 14

SAMPLE #	Au ppb	As ppm
S-001-B	5	10
S-002-B	nd	20
S-003-B	nd	10
S-004-B	nd	15
S-005-B	nd	4
S-006-B	10	4
S-007-B	nd	10
S-008-B	nd	4
S-009-B	nd	20
S-010-B	20	10
S-011-B	10	4
S-012-B	nd	20
S-013-C	nd	4
S-014-B	nd	10
S-015-C	nd	10
S-016-B	nd	2
S-017-B	nd	10
S-018-B	nd	15
S-019-B	nd	10
S-020-B	nd	10
S-021-B	nd	4
S-022-B	nd	nd
S-023-B	5	10
S-024-B	5	4
S-025-B	10	10
S-026-B	nd	4
S-027-B	nd	4
S-028-C	5	2
S-029-B	nd	10
S-030-B	nd	4
S-031-B	10	10
S-032-B	5	2
S-033-B	nd	nd
S-034-B	nd	10
S-035-C	nd	10
S-036-C	5	2
S-037-B	nd	10
S-038-C	nd	10
S-039-OR	nd	2
DETECTION LIMIT	5	2

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SAMPLE #	Au ppb	As ppm
S-040-B	10	10
S-041-B	nd	15
S-042-B	5	10
S-043-B	nd	10
S-044-B	20	10
S-049-B	nd	25
S-050-B	nd	30
S-050-C	nd	15
S-051-B	nd	15
S-051-C	nd	2
S-052-B	5	20
S-052-C	nd	4
S-053-B	nd	4
S-053-C	nd	4
S-054-B	10	25
S-054-C	nd	4
S-055-B	nd	10
S-056-B	5	2
S-057-B	10	10
S-058-B	10	15
S-059-B	5	4
S-060-B	nd	15
S-061-B	5	4
S-062-B	15	60
S-063-B	nd	30
S-064-B	nd	10
S-065-B	15	20
S-101-C	nd	2
S-102-C	nd	2
S-103-C	nd	10
S-104-C	nd	2
S-105-C	nd	10
S-106-C	nd	15
S-107-C	5	10
S-110-B	nd	10
S-111-C	nd	2
S-112-C	nd	2
S-113-C	5	2
S-114-C	nd	2
DETECTION LIMIT	5	2

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SAMPLE #	Au ppb	As ppm
S-115-C	nd	2
S-116-C	nd	4
S-117-C	nd	10
S-118-C	5	nd
S-119-C	10	2
S-120-C	nd	2
S-121-C	5	4
S-122-C	10	10
S-123-B	nd	10
S-124-C	nd	4
S-125-C	nd	nd
S-126-C	nd	2
S-127-C	5	20
S-128-C	nd	4
S-129-C	nd	10
S-130-C	nd	nd
S-130-C-1	nd	10
S-131-C	nd	4
S-132-C	15	30
S-133-B	nd	10
S-134-C	nd	4
S-135-B	nd	10
S-136-C	nd	30
S-137-C	nd	15
S-138-B	10	20
S-139-C	25	10
S-140-C	35	10
S-141-C	nd	nd
S-142-C	5	30
S-144-C	5	nd
S-145-C	nd	4
S-146-C	nd	2
S-147-C	nd	2
S-148-C	nd	2
S-149-C	nd	nd
S-160-C	is	is
S-161-B	nd	30
S-163-C	nd	2
S-164-C	nd	nd
DETECTION LIMIT	5	2

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SAMPLE #	Au ppb	As ppm
S-165-C	nd	nd
S-166-C	nd	2
S-167-B	nd	25
S-168-C	nd	20
S-169-C	nd	20
SLT-001	nd	15
SLT-002	nd	10
SLT-003	nd	60
SLT-004	5	35
SLT-005	nd	50
SLT-006	nd	10
SLT-007	nd	10
SLT-008	10	10
SLT-009	5	4
SLT-010	nd	4
SLT-011	nd	10
SLT-012	nd	10
SLT-013	5	10
SLT-014	nd	10
SLT-015	nd	2
SLT-016	nd	4
SLT-019	nd	10
SLT-020	10	2
SLT-021	5	10
SLT-022	nd	10
SLT-023	10	10
SLT-024	5	15
SLT-025	5	2
SLT-026	nd	nd
SLT-027	nd	2
SLT-028	nd	2
SLT-029	nd	nd
SLT-030	nd	4
SLT-031	nd	10
SLT-032	nd	4
SLT-040	nd	20
SLT-041	10	25
SLT-042	nd	20
SLT-043	nd	15
DETECTION LIMIT	5	2

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SAMPLE #	Au ppb	As ppm
SLT-044	nd	4
SLT-045	nd	10
SLT-046	nd	10
SLT-047	nd	4
SLT-048	5	10
SLT-049	nd	4
SLT-050	nd	4
SLT-051	nd	25
SLT-052	nd	10
SLT-053	5	10
SLT-054	10	4
SLT-055	5	4
STR-101	10	2
STR-102	5	10
STR-103	5	2
STR-104	is	is
STR-105	nd	10
STR-106	5	10
5000E 3500N-C	10	10
5000E 3550N-C	nd	nd
5000E 3600N-C	nd	nd
5000E 3650N-C	5	4
5000E 3700N-C	5	4
5000E 3750N-C	5	nd
5000E 3800N-C	5	2
5000E 3850N-C	nd	2
5000E 3900N-C	5	2
5000E 3950N-B	nd	4
5000E 4000N-C-A	nd	10
5000E 4000N-C-B	10	4
5000E 4050N-C	10	4
5000E 4100N-C	nd	2
5000E 4150N-OR	nd	2
5000E 4200N-OR	nd	nd
5000E 4250N-OR	5	nd
5000E 4300N-C	nd	10
5000E 4350N-C	nd	4
5000E 4400N-C	nd	10
5000E 4450N-C	5	4
DETECTION LIMIT	5	2

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SAMPLE #	Au ppb	As ppm
5000E 4500N-C	nd	4
5000E 4550N-DR	nd	2
5000E 4600N-C	5	10
5000E 4650N-C	nd	2
5000E 4950N-C	nd	10
5000E 5000N-C-C	5	2
5000E 5050N-B	nd	2
5000E 5100N-C	nd	2
5000E 5150N	nd	nd
5000E 5200N-C	nd	2
5200E 4350N B	10	30
5200E 4400N B	10	30
5200E 4450N C	10	2
5200E 4550N B	20	10
5200E 4600N B	nd	30
5200E 4650N RK	5	4
5200E 4800N-C	nd	nd
5200E 4850N-C	nd	nd
5200E 4900N-B	nd	nd
5200E 4950N-C	5	2
5200E 5000N-B	5	150
5200E 5050N-C	10	2
5200E 5100N-C	10	2
5200E 5150N-C	nd	10
5200E 5200N-C	nd	10
5200E 5250N-B	10	30
5200E 5300N-C	nd	2
5200E 5350N-C	nd	2
5200E 5400N-C	5	2
5200E 5450N-C	10	2
5400E 5500N-C	15	nd
5400E 4600N-B	15	2
5400E 4650N-C	10	2
5400E 4700N-B(a)	15	nd
5400E 4700N-B(b)	nd	nd
5400E 4750N-B	nd	nd
5400E 4750N-OR	nd	nd
5400E 4800N-C	nd	nd
5400E 4800N-OR	15	2
DETECTION LIMIT	5	2

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SAMPLE #	Au ppb	As ppm
5400E 4850N-C(a)	nd	100
5400E 4850N-C(b)	5	2
5400E 4900N-C	nd	80
5400E 4950N-C	nd	60
5400E 5000N-BC	50	30
5400E 5000N-C	nd	10
5400E 5050N-BC	5	4
5400E 5100N-C	nd	10
5400E 5150N-C	nd	nd
5400E 5200N	15	nd
5400E 5200N-C	nd	2
5400E 5250N-C	5	nd
5400E 5300N-C	10	2
5400E 5350N-C	5	2
5400E 5400N-C	nd	2
5400E 5450N-B	nd	4
5400E 5500N-B	nd	2
5500E 5000N-C	nd	10
5500E 5025N-C	nd	4
5500E 5050N-C	5	10
5500E 5075N-C	10	10
5500E 5100N-C	25	4
5500E 5125N-B	nd	4
5500E 5150N-C	10	4
5500E 5200N-C	nd	4
5500E 5250N-C	nd	nd
5500E 5275-C	nd	2
5500E 5300N-C	nd	4
5500E 5325N-C	nd	2
5500E 5350N-B	nd	4
5500E 5375-C	nd	2
5500E 5400N-B	10	4
5600E 4600N-B	nd	nd
5600E 4650N-B	nd	nd
5600E 4900N-C	5	2
5600E 4950N-C	nd	60
5600E 5000N-C	nd	100
5600E 5025N-C	5	2
5600E 5050N-C	nd	nd
DETECTION LIMIT	5	2

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SAMPLE #	Au ppb	As ppm
5600E 5075N-C	nd	nd
5600E 5100N-C	nd	10
5600E 5125N-C	nd	nd
5600E 5150N-C	5	nd
5600E 5175N-C	15	10
5600E 5200N-C	nd	15
5600E 5225N-C	nd	nd
5600E 5250N-C	nd	nd
5600E 5275-C	5	10
5600E 5300N-C	nd	10
5600E 5325N-C	nd	nd
5600E 5350N-C	nd	nd
5600E 5375N-C	15	nd
5600E 5400N	nd	nd
5600E 5425N-OR	nd	2
5600E 5450N-OR	nd	2
5700E 5025N-C	10	4
5700E 5050N-C	5	4
5700E 5075N-C	nd	10
5700E 5100N-C(a)	nd	10
5700E 5100N-C(b)	nd	10
5700E 5125N-C	5	nd
5700E 5150N-C	nd	10
5700E 5175N-C	5	10
5700E 5200N-C	20	10
5700E 5225N-C	nd	10
5700E 5250N-C	10	10
5700E 5275N-C	nd	nd
5700E 5300N-C	nd	nd
5700E 5325N-C	nd	nd
5700E 5350N-C	5	nd
5700E 5375N-C	10	nd
5700E 5400N-C	10	nd
5700E 5425N-C	5	nd
5700E 5450N-C	nd	nd
5800E 3550N-C	nd	nd
5800E 3600N-C	nd	2
5800E 3650N-C	nd	2
5800E 3700N-OR	nd	2
DETECTION LIMIT	5	2

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SAMPLE #	Au ppb	As ppm
5800E 3750N	15	nd
5800E 3800N	nd	nd
5800E 3850N-OR	5	nd
5800E 3900N-C	5	4
5800E 3950N-C	nd	nd
5800E 4000N-C	5	nd
5800E 4050N-C	10	10
5800E 4100N-C	nd	10
5800E 4150N-C	nd	nd
5800E 4200N-C	5	nd
5800E 4250N-C	nd	nd
5800E 4300N-C	15	nd
5800E 4350N	10	nd
5800E 4400N-C	10	10
5800E 4450N-C	nd	10
5800E 4650N-OR	nd	nd
5800E 4700N-OR	10	nd
5800E 4750N-B	nd	nd
5800E 4800N-B	nd	nd
5800E 4850N	10	15
5800E 4900N-C	nd	150
5800E 4950N-C	nd	nd
5800E 5000N-C	15	nd
5800E 5025N-C	10	nd
5800E 5050N-C	nd	10
5800E 5075N-C	nd	nd
5800E 5100N-C	nd	10
5800E 5125N-C	5	nd
5800E 5150N-C	5	15
5800E 5175N-C	nd	nd
5800E 5200N-C	5	10
5800E 5225N-C	15	10
5800E 5250N-C	10	10
5800E 5275N-C	15	nd
5800E 5300N-C	nd	nd
5800E 5325N-C	5	nd
5800E 5350-C	10	nd
5800E 5375N-C	5	nd
5800E 5400N-C	nd	nd
DETECTION LIMIT	5	2

VANGOCHEM LAB LIMITED

1521 Pemberton Avenue

North Vancouver B.C. V7P 2S3

(604) 986-5211 Telex: 04-352578

PREPARED FOR: HI TEC RESOURCE

NOTES: nd = none detected

: -- = not analysed

: is = insufficient sample

REPORT NUMBER: 83-45-005

JOB NUMBER: 83200

SAN JUAN PROJECT. PAGE 10 OF 14

SAMPLE #	Au ppb	As ppm
5800E 5425N-C	nd	2
5800E 5450N-C	5	nd
5900E 5000N-C	nd	2
5900E 5025-C	5	2
5900E 5050-OR	nd	nd
5900E 5075-C	nd	4
5900E 5100-C	nd	2
5900E 5225-C	nd	4
5900E 5250-C	5	nd
5900E 5275-C	nd	2
5900E 5300-C	5	4
5900E 5325-C	nd	4
5900E 5350-C	5	4
5900E 5375-C	nd	10
6000E 3500N-C	5	nd
6000E 3550N-C	nd	2
6000E 3600N-C	nd	nd
6000E 3650N-C	nd	4
6000E 3700N-C	nd	4
6000E 3750-C	nd	nd
6000E 3800-OR	nd	nd
6000E 3850-N	nd	2
6000E 3900-N-OR	nd	nd
6000E 3950-OR	10	nd
6000E 4000N-C	nd	4
6000E 4050N-C	nd	nd
6000E 4100N-C	nd	2
6000E 4150N-C	nd	2
6000E 4200N-C	nd	2
6000E 4250N-C	10	nd
6000E 4300N-C	10	nd
6000E 4350N-C	nd	nd
6000E 4400-C	nd	4
6000E 4650-OR	nd	2
6000E 4700N-OR	nd	2
6000E 4750-OR	nd	2
6000E 4800N-C	nd	nd
6000E 4850	nd	2
6000E 4900-C	nd	2
DETECTION LIMIT	5	2

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PREPARED FOR: HI TEC RESOURCE
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REPORT NUMBER: 83-45-005 JOB NUMBER: 83200 *SAN JUAN PROJECT* PAGE 11 OF 14

SAMPLE #	Au ppb	As ppm
6000E 4950-C	nd	nd
6000E 5025N-C	nd	2
6000E 5050N-C	nd	nd
6000E 5075-C	nd	2
6000E 5100-C	nd	2
6000E 5125-C	nd	60
6000E 5150-C	5	nd
6000E 5175-C	5	2
6000E 5200-C	nd	nd
6000E 5225-C	5	2
6000E 5250-C	nd	2
6000E 5275-C	nd	2
6000E 5300-C	nd	nd
6000E 5325-C	nd	2
6000E 5350-C	nd	4
6000E 5375-C	nd	4
6200E 3550N-B	nd	nd
6200E 3600N	nd	nd
6200E 3650N-C	nd	nd
6200E 3700N-B	nd	2
6200E 3750N-C	nd	4
6200E 3800N-C	nd	4
6200E 3850N-C	nd	2
6200E 3900N-C	5	4
6200E 3950N-C	nd	2
6200E 4000N-C	nd	2
6200E 4050N-C	nd	4
6200E 4150-STR	5	10
6200E 4200N-C	10	2
6200E 4250N-C	5	2
6200E 4350N-C	nd	2
6200E 4400N-B	nd	nd
6200E 4450N-OR	5	2
6200E 4550N-B	nd	15
6200E 4600N-B	5	2
6200E 4650N-B	nd	2
6200E 4700N-B	nd	2
6200E 4750N-B	5	nd
6200E 4800N-B	10	2
DETECTION LIMIT	5	2

VANGEDCHEN LAB LIMITED
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 North Vancouver B.C. V7P 2S3
 (604) 986-5211 Telex: 04-352578

PREPARED FOR: HI TEC RESOURCE
 NOTES: nd = none detected
 : -- = not analysed
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REPORT NUMBER: 83-45-005 JOB NUMBER: 83200 *SAN JUAN PROJECT* PAGE 12 OF 14

SAMPLE #	Au ppb	As ppm
6200E 4850N-B	5	2
6200E 4900N-C	nd	2
6200E 4950N-C	5	nd
6200E 5100N	5	2
6400E 3500N-C	15	2
6400E 3550N-C	10	nd
6400E 3600N-C	nd	10
6400E 3650N-C	5	4
6400E 3700N-C	5	nd
6400E 3750N-C	5	2
6400E 3800N-C	5	nd
6400E 3850N-B	nd	2
6400E 3900N-B	nd	nd
6400E 3950N-B	15	nd
6400E 4000N-B	nd	nd
6400E 4050N-C	15	2
6400E 4100N-C	10	4
6400E 4150N-C	5	4
6400E 4200N-C	nd	nd
6400E 4250N-C	20	2
6400E 4300N-C	nd	4
6400E 4350N-C	nd	4
6400E 4400N-C	5	4
6400E 4450N-B	5	4
6400E 4500N-C	10	2
6400E 4550N-C	nd	nd
6400E 4600N-C	nd	2
6400E 4650N-C	nd	2
6400E 4700N-C	10	nd
6400E 4750N-B	20	2
6400E 4800N-B	10	nd
6400E 4850N-B	5	nd
6400E 4900N-C	10	2
6400E 4950N-OR	5	2
6600E 5000N	5	2
6600E 5000N-C	10	nd
6600E 5050N-C	nd	2
6600E 5100N-C	5	4
6600E 5150N-C	5	4
DETECTION LIMIT	5	2

VANGECHEM LAB LIMITED
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North Vancouver B.C. V7P 2S3
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REPORT NUMBER: 83-45-005 JOB NUMBER: 83200 *SAN JUAN PROJECT* PAGE 13 OF 14

SAMPLE #	Au ppb	As ppm
6600E 5200N-C	5	4
6600E 5250-C	5	10
6800E 5000N-C	15	nd
6800E 5150N-C	5	2
6800E 5200N-C	10	nd
5800E 5250N-C	nd	4
7000E 3500N-DR	nd	2
7000E 3550N-DR	nd	2
7000E 3600N-DR	10	nd
7000E 3650N-B	nd	2
7000E 3700N-B	nd	2
7000E 3750N-DR	10	nd
7000E 3800N-B	5	nd
7000E 3850N-B	10	2
7000E 3900N-B	5	nd
7000E 3950N-B	10	nd
7000E 4000N-B	5	nd
7000E 4050N-B	nd	2
7000E 4100N-DR	10	nd
7000E 4150N-B	15	nd
7000E 4200N-DR	10	2
7000E 4250N-B	nd	4
7000E 4300N-C	5	10
7000E 4350N-C	5	nd
7000E 4400N-C	5	20
7000E 4450N-C	5	25
7000E 4500N-B	nd	2
7000E 4550N-C	5	2
7000E 4600N-B	nd	4
7000E 4650N-B	nd	2
7000E 4700N-B	5	2
7000E 4750N-C	nd	2
7000E 4800N-C	nd	nd
7000E 4850N	nd	2
7000E 4900N	nd	4
7000E 5000N-DR	nd	nd
7000E 5050N-C	nd	nd
7000E 5100N-C	nd	nd
7000E 5150N-C	15	2
DETECTION LIMIT	5	2

VANGECHEM LAB LIMITED
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REPORT NUMBER: 83-45-005 JOB NUMBER: 83200 *SAN JUAN PROJECT* PAGE 14 OF 14

SAMPLE #	Au ppb	As ppm
7000E 5200N-C	nd	2
7000E 5250N-C	10	2
DETECTION LIMIT	5	2

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PREPARED FOR: HI TEC RESOURCE
NOTES: nd = none detected
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: is = insufficient sample

REPORT NUMBER: 83-45-006 JOB NUMBER: 83212 *SAN JUAN PROJECT* PAGE 1 OF 2

SAMPLE #	Au ppb	As ppm
ORE-001	nd	2
ORE-002	5	10
ORE-003	5	nd
RK-001	nd	15
RK-002	15	nd
RK-003	nd	20
RK-004	5	nd
RK-005	nd	15
RK-006	5	40
RK-007	5	10
RK-008	nd	4
RK-009	nd	nd
RK-010	5	nd
RK-011	10	10
RK-012	10	30
RK-014	5	nd
RK-014a	nd	2
RK-015	5	nd
RK-016	nd	nd
RK-017	nd	2
RK-018	5	2
RK-019	nd	2
RK-020	nd	2
RK-021	nd	nd
RK-022	nd	2
RK-023	5	4
RK-024	5	10
RK-025	nd	nd
RK-030	nd	10
RK-031	10	2
RK-032	nd	4
RK-033	nd	nd
RK-034	15	2
RK-035	10	40
RK-036	nd	nd
RK-037	nd	nd
RK-040	nd	nd
RK-041	nd	20
RK-042	nd	10
DETECTION LIMIT	5	2

VANGECHEM LAB LIMITED

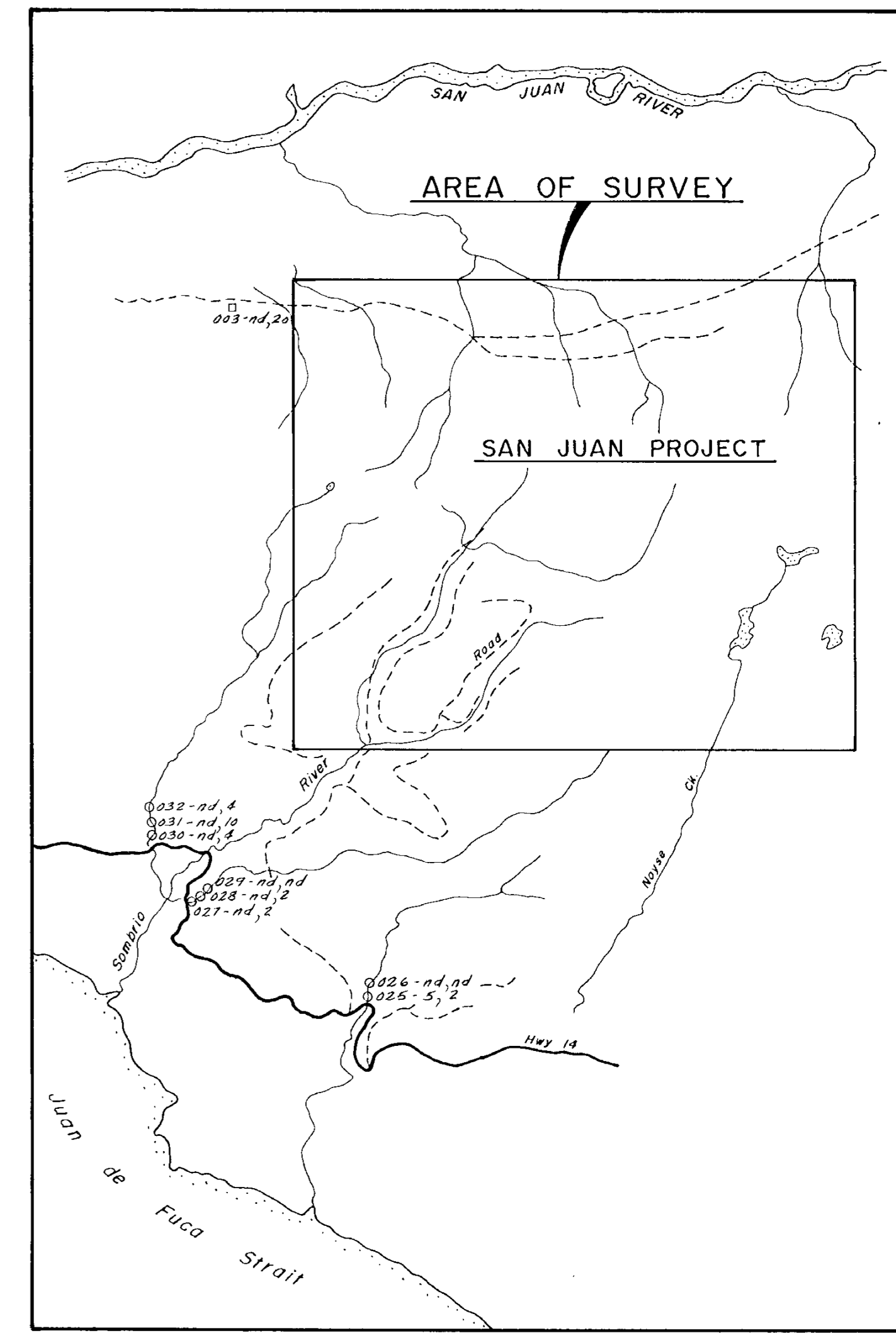
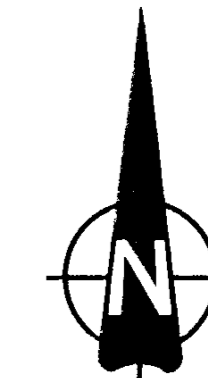
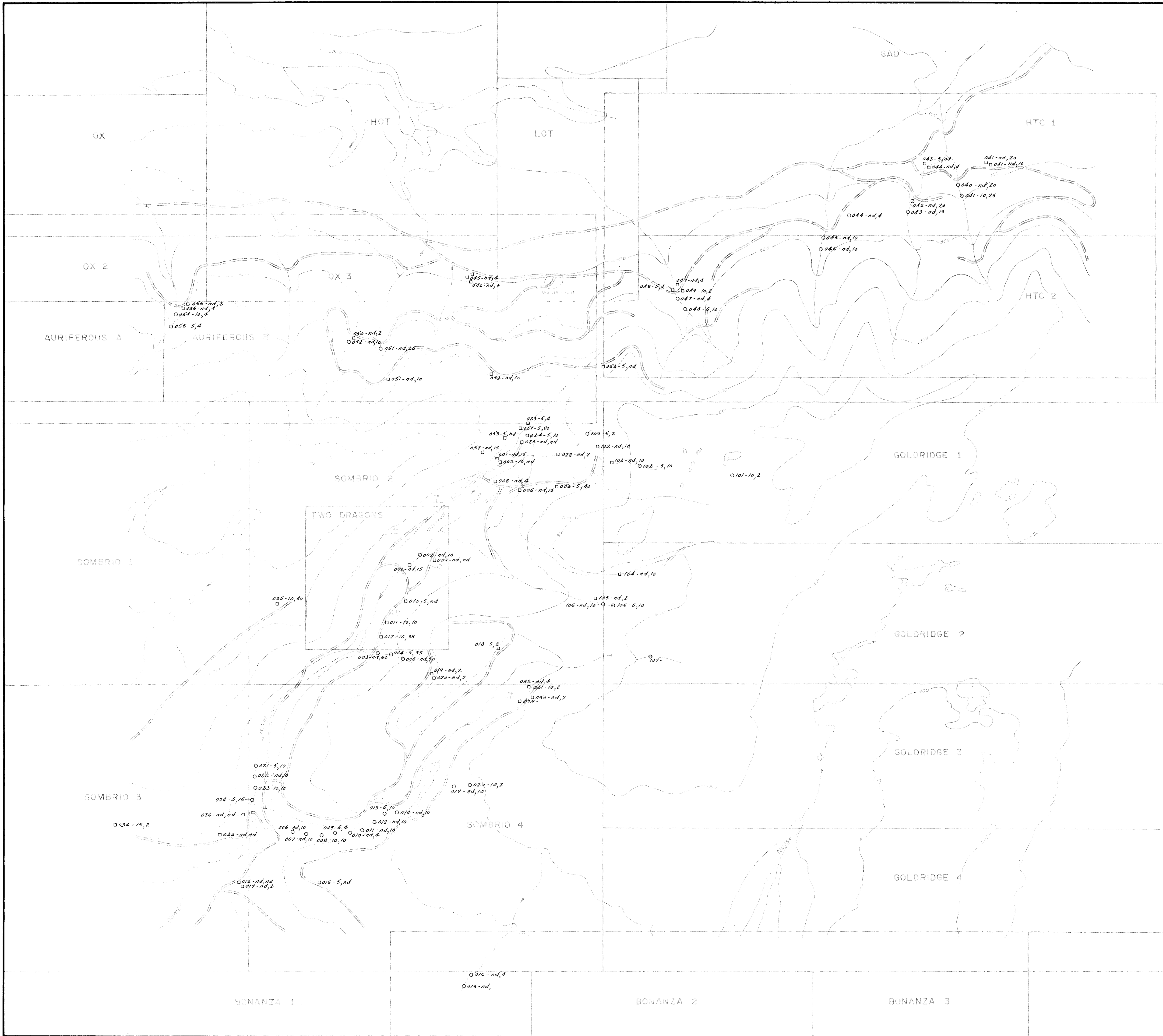
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: HI TEC RESOURCE

NOTES: nd = none detected
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REPORT NUMBER: 83-45-006 JOB NUMBER: 83212 *SAN JUAN PROJECT* PAGE 2 OF 2

SAMPLE #	Au ppb	As ppm
RK-043	5	nd
RK-044	nd	4
RK-045	nd	4
RK-046	nd	4
RK-047	nd	4
RK-048	5	4
RK-049	10	2
RK-050	nd	2
RK-051	nd	10
RK-052	nd	10
RK-053	5	nd
RK-055	nd	2
RK-056	nd	4
RK-057	5	80
RK-058	nd	4
RK-059	nd	15
RK-101	nd	nd
RK-101a	10	nd
RK-102	nd	10
RK-104	nd	10
RK-105	nd	2
DETECTION LIMIT	5	2



LEGEND
 ○ Silt Sample
 □ Rock Sample

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

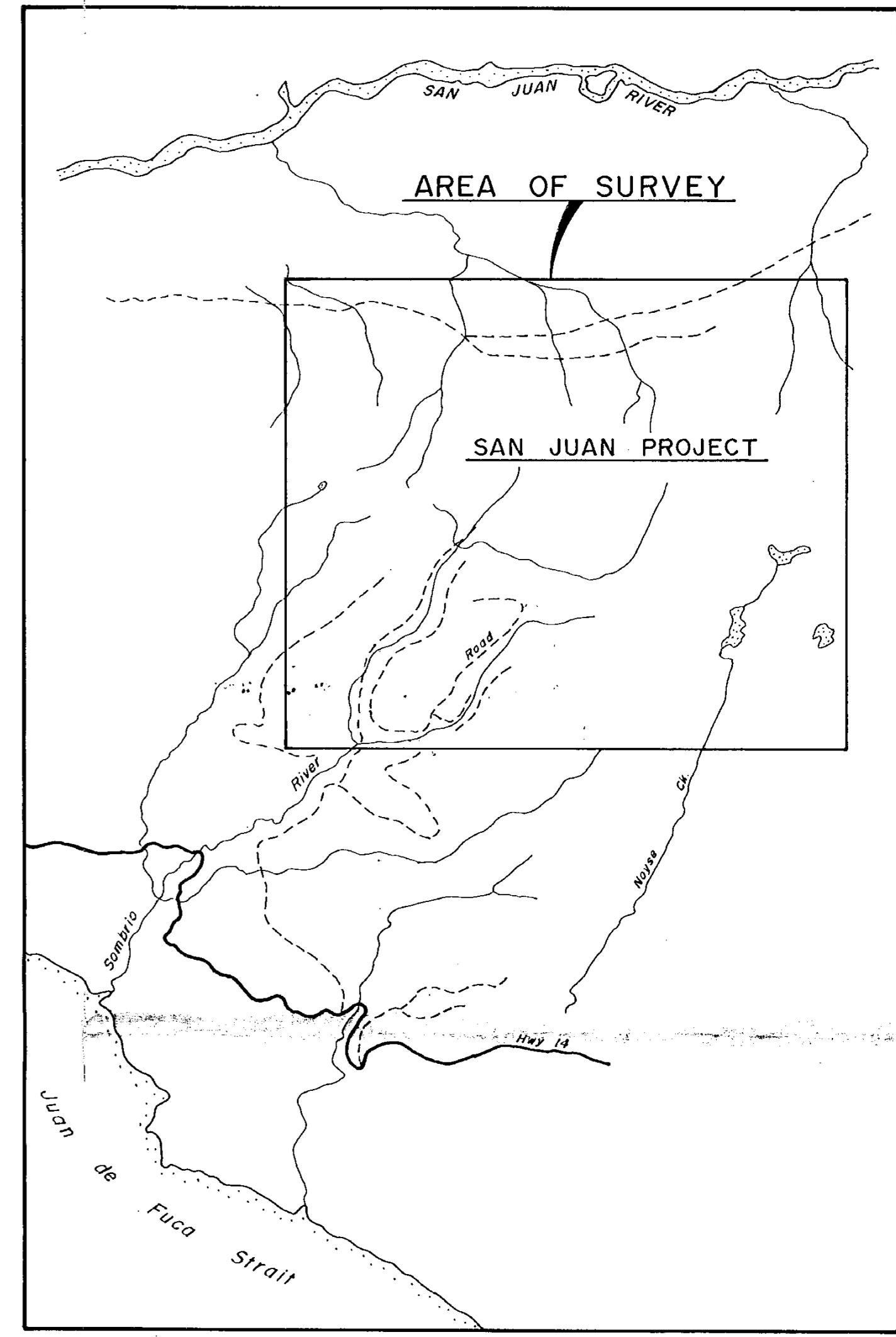
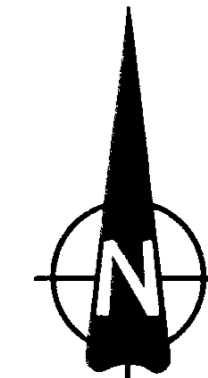
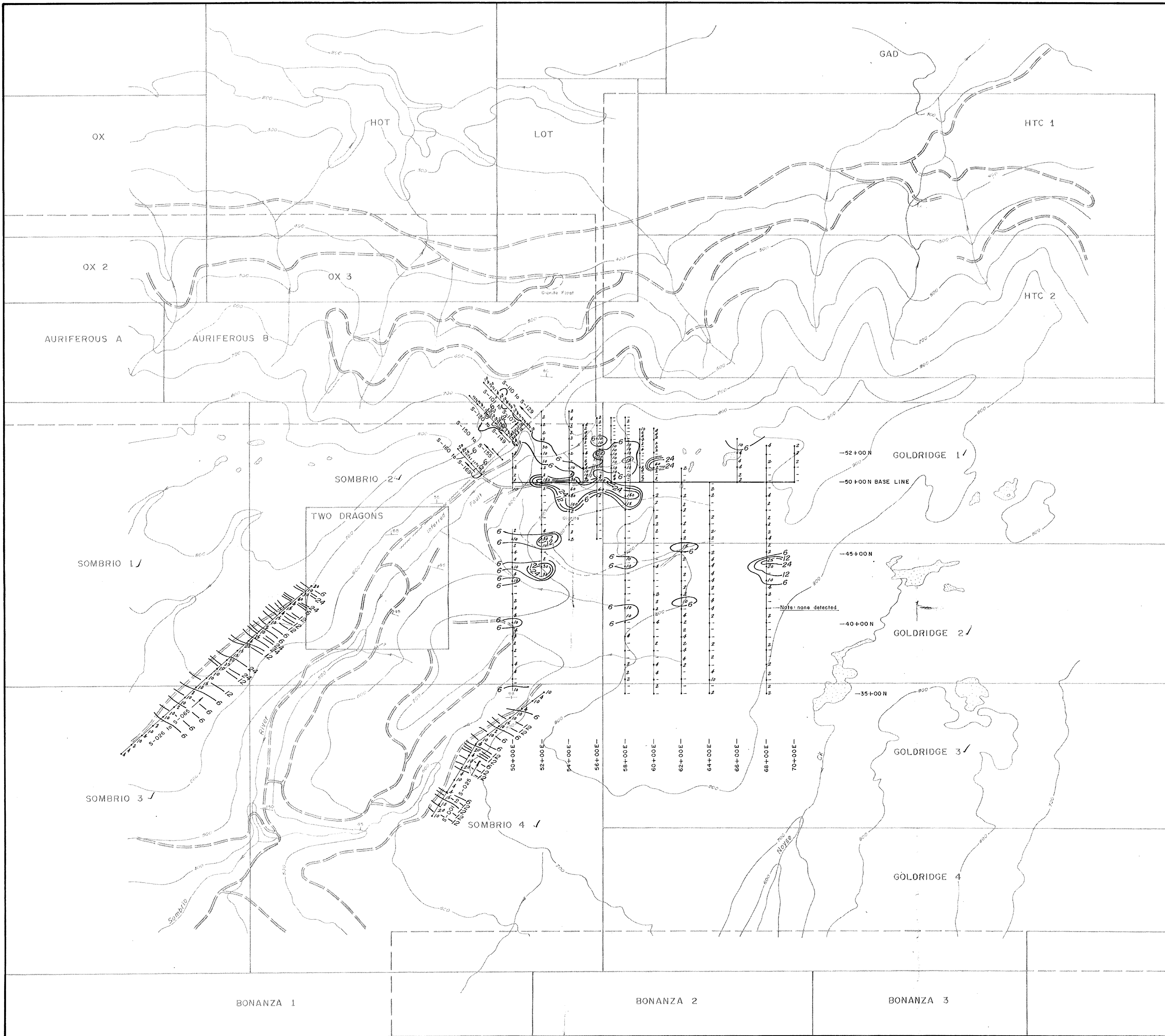
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Alan Eubank
UNICORN RESOURCES LTD.
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 SOMBRIO CLAIMS
 VICTORIA MINING DIVISION — BRITISH COLUMBIA

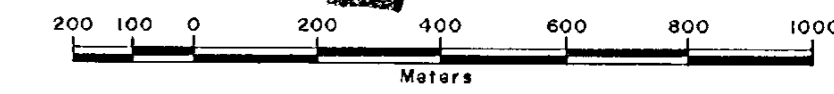
GEOLOGY
 ROCK & STREAM SEDIMENT
 SAMPLE LOCATIONS

	DWN BY: T.M.	FIG. NO.
	CHK. BY:	
	N.T.S. 92 C/9	3
	DATE: SEPT. 1983	



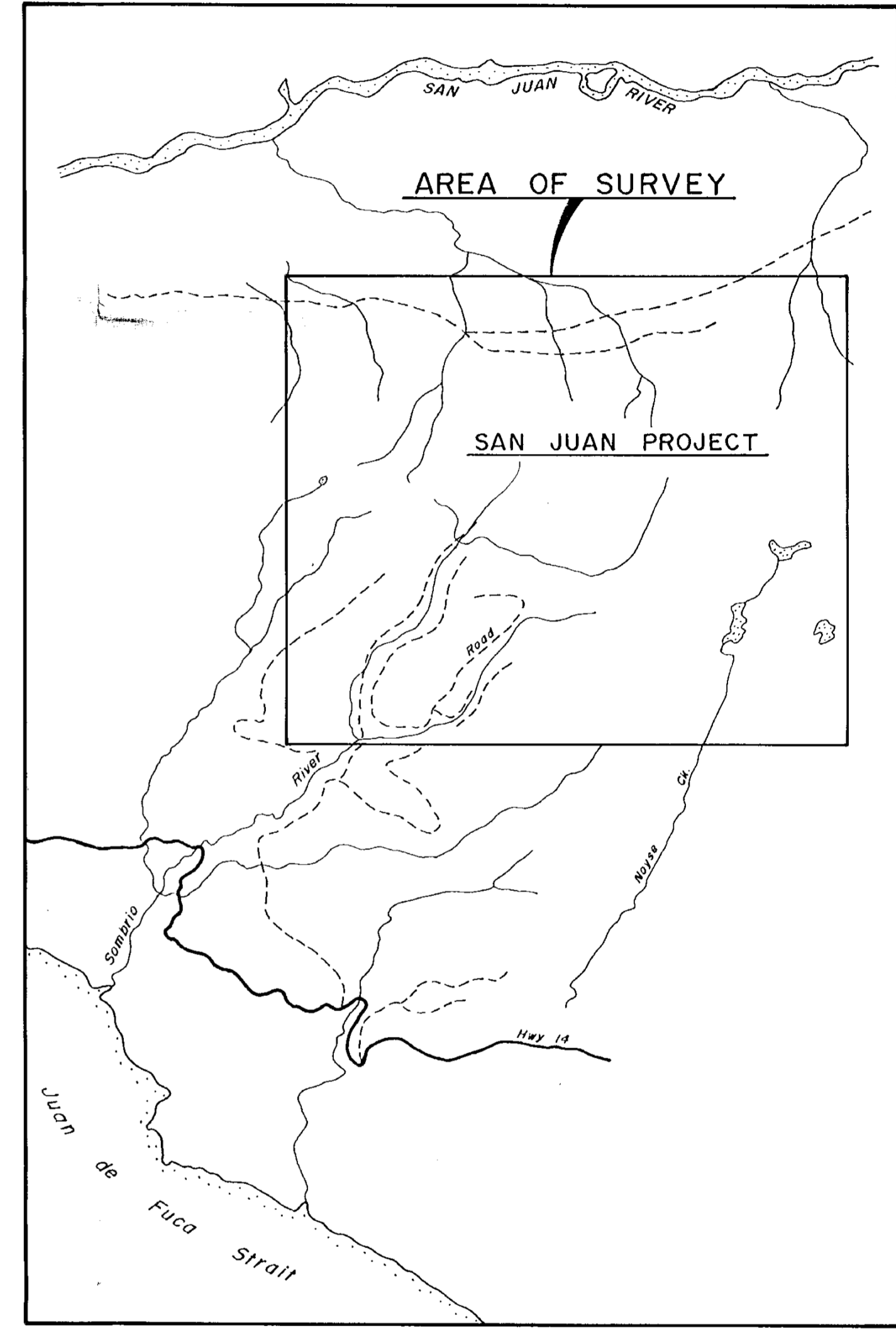
GEOLOGICAL BRANCH
ASSESSMENT REPORT

ARSENIC PPM
12,311



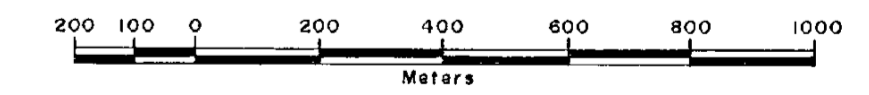
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ARSENIC
SOIL GEOCHEMISTRY



GEOLOGICAL BRANCH
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GOLD
SOIL GEOCHEMISTRY

HI-TEC RESOURCE MANAGEMENT LIMITED	DWN. BY: T.M. CHK. BY: N.T.S. 92 C/9 DATE: SEPT. 1983	FIG. NO. 5
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