MAP NO:
115O/14
116B/03

ASSESSMENT REPORT
PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 093809
MINING DISTRICT: DAWSON
TYPE OF WORK: PROSPECTING, SOIL SAMPLING, & REPROCESSING OF GEOPHYSICS

REPORT FILED UNDER: KENNECOTT CANADA INCORPORATED

DATE PERFORMED: 6-20 AUG/93 **DATE FILED:** JUNE 2, 1994

LOCATION: **LAT.:** 63°59' **AREA:** MOUNT BRONSON

LONG.: 139°24' **VALUE $:** 15,420

CLAIM NAME & NO.: DAWSON 1-96 (YA79281-376), SURY1-31 (YA88123-53)

WORK DONE BY: R. CRANSWICK, A. DOYLE

WORK DONE FOR: EBONY GOLD CORPORATION, CREAM SILVER MINES LIMITED, AURIZON MINES LIMITED

DATE TO GOOD STANDING:	

REMARKS: REPROCESSING OF HELICOPTER GEOPHYSICS AND SOIL SAMPLING

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

3

M.R. file no. QA 9302

R.M.M.R. file no.

Date forwarded 15 JUNE 94

TRANSMITTAL FORM

From ▶ Mining Recorder at: DAWSON

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☐ DIAMOND DRILL LOGS — Claims — Claim sheet no.
- ☑ QUARTZ ASSESSMENT REPORT — Claims: Various Surv + Dawson claims — Claim sheet no.: 115014

Report Ref "A"

Type of report: Geophysics, mapping, Rock, Soil — Submitted by: Kennecott — $15,420.00

Cls. work performed on: Dawson 32, 42, 50, 51, 58 / Surv 8, 9, 17-19 — $ req. for ren. application

Geology: Actual Costs were approved by MR. Report submitted for indexing and review for content only.

Signature

OFFICE OF THE REGIONAL MANAGER MINERAL RIGHTS JUN 21 1994 WHITEHORSE YUKON TERRITORY

REPLY ACTION

Date returned

053209

Signature

802-37 (7-88)

ASSESSMENT REPORT ON A 1993 PROGRAM OF PROSPECTING, ROCK AND SOIL SAMPLING, GEOLOGICAL MAPPING AND REPROCESSING OF HELICOPTER GEOPHYSICS ON THE SURY AND DAWSON WEST PROPERTIES

Dawson 1-24 (YA79281-YA79304)
Dawson 25-48 (YA79305-YA79328)
Dawson 49-96 (YA79329-YA79376)
Sury 1-31 (YA88123-YA88153)

DAWSON MINING DISTRICT, YUKON TERRITORY
NTS 115 O/14, 116 B/3
Latitude 63°59'N
Longitude 139°24'W

Work conducted: August 6 - August 20, 1993

OWNERS:
Ebony Gold Corp. (Dawson 1-24).,
Suite 1000 - 675 West Hastings Street,
Vancouver, B.C. V6B 1N6

Cream Silver Mines Ltd. (Dawson 25-48, Sury 1-31),and
Aurizon Mines Limited. (Dawson 49-96),
Suite 1000 - 1177 West Hastings Street,
Vancouver, B.C. V6E 2K3

OPERATOR:
KENNECOTT CANADA INC.
Suite 354 - 200 Granville Street
Vancouver, B.C.
V6C 1S4

Prepared by: R. Cranswick
A. Doyle

May 9, 1994

Mining Office # A Ref.

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APPENDICES

1.0 INTRODUCTION

The Dawson and Sury claims are located in the Mount Bronson area west of Bonanza Creek. Through an option agreement with Arbor Resources Inc. et al, Kennecott Canada Inc. has the option to earn an interest in the claims and explored the property in 1993. The 1993 exploration program included prospecting, rock and soil sampling, geological mapping and reprocessing of 1987 helicopter geophysics. Work was conducted from August 6 to August 20, 1993.

2.0 LOCATION, ACCESS AND TOPOGRAPHY

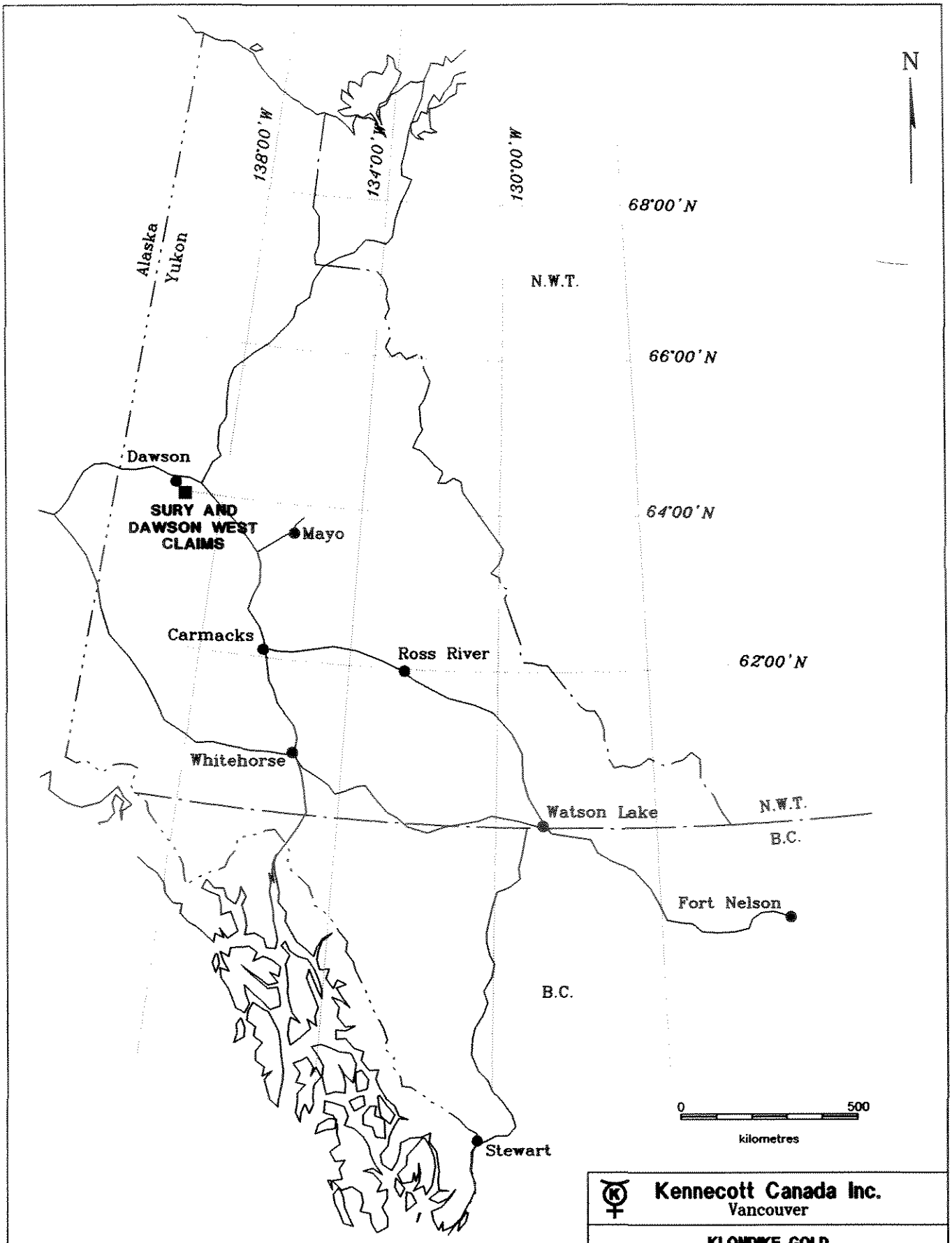
The Dawson and Sury claims are situated in west-central Yukon, approximately five kilometres south of Dawson (Figure 1). The properties are centred at 63°59'N latitude and 139°24'W longitude and are located within NTS map areas 115 O/14 and 116 B/3 (Figure 1).

The Dawson claims are accessed by a three season gravel road that runs along Bonanza Creek from the Klondike Highway east of Dawson. The Sury claims are accessed by a four-wheel drive road that runs from Bonanza Creek up Boulder Creek to Mount Bronson.

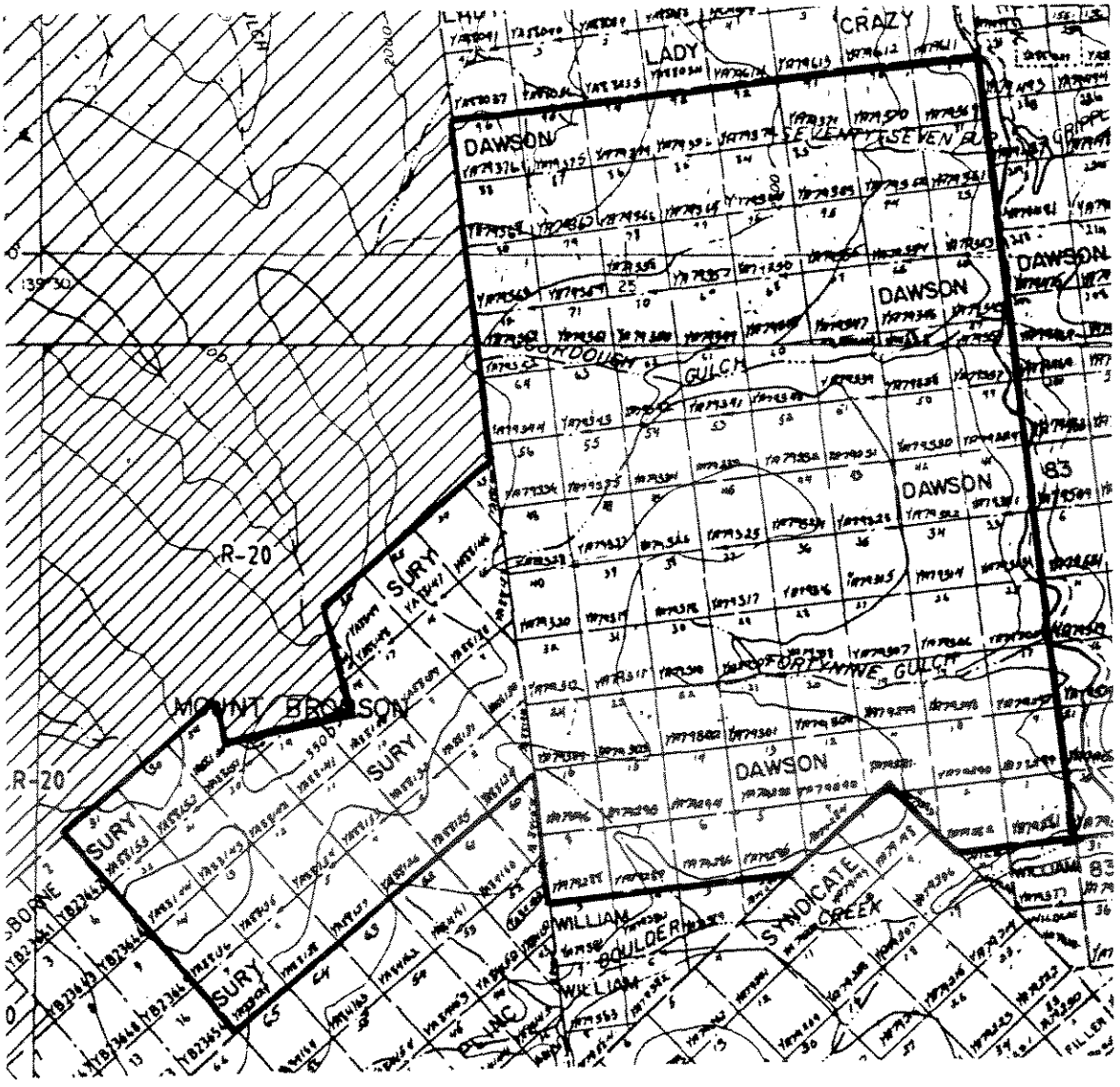
The Dawson and Sury properties are situated within the Klondike Plateau. Gentle rolling hills predominate and relief is moderate. Elevations range from 450m along Bonanza Creek to 1040m at the peak of Mount Bronson. Natural outcrop exposures are uncommon and are largely confined to ridges. Frost heave is common on north facing slopes and provides displaced bedrock material for sampling.

3.0 PROPERTY STATUS

The Dawson and Sury claims are located within the Dawson Mining District of Yukon Territory (Figure 2). The combined Dawson and Sury properties are comprised of 127 Quartz claims totalling approximately 2,550 hectares in area. Property ownership is summarized as follows: Ebony Gold Corp.(Dawson 1-24), Cream Silver Mines Ltd.(Sury 1-31, Dawson 25-48), Aurizon Mines Ltd.(Dawson 49-96). Through a 1993 agreement with Arbor Resources Inc. et al, Kennecott has the option to earn an interest in both the Dawson and Sury claims and is the recorded owner. A list of Dawson and Sury claims, and their expiry dates following the acceptance of this report is provided in Table I.


N
138°00'W
134°00'W
130°00'W
68°00'N
66°00'N
64°00'N
62°00'N
Alaska
Yukon
N.W.T.
Dawson
SURY AND
DAWSON WEST
CLAIMS
Mayo
Carmacks
Ross River
Whitehorse
Watson Lake
N.W.T.
B.C.
Fort Nelson
B.C.
Stewart
0
500
kilometres
Kennecott Canada Inc.
Vancouver
KLONDIKE GOLD
SURY & DAWSON WEST CLAIMS
PROJECT LOCATION
YUKON, CANADA
Date: 5/04/94
Author:
File: KLG-LOC
PS: 1 = 15
Figure 1
MJD

N



scale 1:50,000

0 2500

metres

Kennecott Canada Inc.
Vancouver

KLONDIKE GOLD

SURY & DAWSON WEST CLAIMS

YUKON, CANADA

Date: 27/05/94	Author: AD	Figure 2
File: KLG-FRM	PS: 1 = 50	

HO

Table 1 List of Claims

BENIFICIAL OWNERS	CLAIM NAME	GRANT NO.	ANIVERSARY
Ebony Gold Corp.	DAWSON 1	YA79281	14-Oct-94
Ebony Gold Corp.	DAWSON 2	YA79282	14-Oct-94
Ebony Gold Corp.	DAWSON 3	YA79283	14-Oct-94
Ebony Gold Corp.	DAWSON 4	YA79284	14-Oct-94
Ebony Gold Corp.	DAWSON 5	YA79285	14-Oct-94
Ebony Gold Corp.	DAWSON 6	YA79286	14-Oct-94
Ebony Gold Corp.	DAWSON 7	YA79287	14-Oct-94
Ebony Gold Corp.	DAWSON 8	YA79288	14-Oct-94
Ebony Gold Corp.	DAWSON 9	YA79289	14-Oct-94
Ebony Gold Corp.	DAWSON 10	YA79290	14-Oct-94
Ebony Gold Corp.	DAWSON 11	YA79291	14-Oct-94
Ebony Gold Corp.	DAWSON 12	YA79292	14-Oct-94
Ebony Gold Corp.	DAWSON 13	YA79293	14-Oct-94
Ebony Gold Corp.	DAWSON 14	YA79294	14-Oct-94
Ebony Gold Corp.	DAWSON 15	YA79295	14-Oct-94
Ebony Gold Corp.	DAWSON 16	YA79296	14-Oct-94
Ebony Gold Corp.	DAWSON 17	YA79297	14-Oct-94
Ebony Gold Corp.	DAWSON 18	YA79298	14-Oct-94
Ebony Gold Corp.	DAWSON 19	YA79299	14-Oct-94
Ebony Gold Corp.	DAWSON 20	YA79300	14-Oct-94
Ebony Gold Corp.	DAWSON 21	YA79301	14-Oct-94
Ebony Gold Corp.	DAWSON 22	YA79302	14-Oct-94
Ebony Gold Corp.	DAWSON 23	YA79303	14-Oct-94
Ebony Gold Corp.	DAWSON 24	YA79304	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 25	YA79305	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 26	YA79306	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 27	YA79307	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 28	YA79308	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 29	YA79309	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 30	YA79310	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 31	YA79311	14-Oct-94

BENIFICIAL OWNERS	CLAIM NAME	GRANT NO.	ANIVERSARY
Cream Siver Mines Ltd.	DAWSON 32	YA79312	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 33	YA79313	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 34	YA79314	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 35	YA79315	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 36	YA79316	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 37	YA79317	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 38	YA79318	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 39	YA79319	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 40	YA79320	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 41	YA79321	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 42	YA79322	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 43	YA79323	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 44	YA79324	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 45	YA79325	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 46	YA79326	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 47	YA79327	14-Oct-94
Cream Siver Mines Ltd.	DAWSON 48	YA79328	14-Oct-94
Aurizon Mines Ltd.	DAWSON 49	YA79329	14-Oct-94
Aurizon Mines Ltd.	DAWSON 50	YA79330	14-Oct-94
Aurizon Mines Ltd.	DAWSON 51	YA79331	14-Oct-94
Aurizon Mines Ltd.	DAWSON 52	YA79332	14-Oct-94
Aurizon Mines Ltd.	DAWSON 53	YA79333	14-Oct-94
Aurizon Mines Ltd.	DAWSON 54	YA79334	14-Oct-94
Aurizon Mines Ltd.	DAWSON 55	YA79335	14-Oct-94
Aurizon Mines Ltd.	DAWSON 56	YA79336	14-Oct-94
Aurizon Mines Ltd.	DAWSON 57	YA79337	14-Oct-94
Aurizon Mines Ltd.	DAWSON 58	YA79338	14-Oct-94
Aurizon Mines Ltd.	DAWSON 59	YA79339	14-Oct-94
Aurizon Mines Ltd.	DAWSON 60	YA79340	14-Oct-94
Aurizon Mines Ltd.	DAWSON 61	YA79341	14-Oct-94
Aurizon Mines Ltd.	DAWSON 62	YA79342	14-Oct-94
Aurizon Mines Ltd.	DAWSON 63	YA79343	14-Oct-94

BENIFICIAL OWNERS	CLAIM NAME	GRANT NO.	ANIVERSARY
Aurizon Mines Ltd.	DAWSON 64	YA79344	14-Oct-94
Aurizon Mines Ltd.	DAWSON 65	YA79345	14-Oct-94
Aurizon Mines Ltd.	DAWSON 66	YA79346	14-Oct-94
Aurizon Mines Ltd.	DAWSON 67	YA79347	14-Oct-94
Aurizon Mines Ltd.	DAWSON 68	YA79348	14-Oct-94
Aurizon Mines Ltd.	DAWSON 69	YA79349	14-Oct-94
Aurizon Mines Ltd.	DAWSON 70	YA79350	14-Oct-94
Aurizon Mines Ltd.	DAWSON 71	YA79351	14-Oct-94
Aurizon Mines Ltd.	DAWSON 72	YA79352	14-Oct-94
Aurizon Mines Ltd.	DAWSON 73	YA79353	14-Oct-94
Aurizon Mines Ltd.	DAWSON 74	YA79354	14-Oct-94
Aurizon Mines Ltd.	DAWSON 75	YA79355	14-Oct-94
Aurizon Mines Ltd.	DAWSON 76	YA79356	14-Oct-94
Aurizon Mines Ltd.	DAWSON 77	YA79357	14-Oct-94
Aurizon Mines Ltd.	DAWSON 78	YA79358	14-Oct-94
Aurizon Mines Ltd.	DAWSON 79	YA79359	14-Oct-94
Aurizon Mines Ltd.	DAWSON 80	YA79360	14-Oct-94
Aurizon Mines Ltd.	DAWSON 81	YA79361	14-Oct-94
Aurizon Mines Ltd.	DAWSON 82	YA79362	14-Oct-94
Aurizon Mines Ltd.	DAWSON 83	YA79363	14-Oct-94
Aurizon Mines Ltd.	DAWSON 84	YA79364	14-Oct-94
Aurizon Mines Ltd.	DAWSON 85	YA79365	14-Oct-94
Aurizon Mines Ltd.	DAWSON 86	YA79366	14-Oct-94
Aurizon Mines Ltd.	DAWSON 87	YA79367	14-Oct-94
Aurizon Mines Ltd.	DAWSON 88	YA79368	14-Oct-94
Aurizon Mines Ltd.	DAWSON 89	YA79369	14-Oct-94
Aurizon Mines Ltd.	DAWSON 90	YA79370	14-Oct-94
Aurizon Mines Ltd.	DAWSON 91	YA79371	14-Oct-94
Aurizon Mines Ltd.	DAWSON 92	YA79372	14-Oct-94
Aurizon Mines Ltd.	DAWSON 93	YA79373	14-Oct-94
Aurizon Mines Ltd.	DAWSON 94	YA79374	14-Oct-94
Aurizon Mines Ltd.	DAWSON 95	YA79375	14-Oct-94

BENIFICIAL OWNERS	CLAIM NAME	GRANT NO.	ANIVERSARY
Aurizon Mines Ltd.	DAWSON 96	YA79376	14-Oct-94
Cream Siver Mines Ltd.	SURY 1	YA88123	14-Oct-94
Cream Siver Mines Ltd.	SURY 2	YA88124	14-Oct-94
Cream Siver Mines Ltd.	SURY 3	YA88125	14-Oct-94
Cream Siver Mines Ltd.	SURY 4	YA88126	14-Oct-94
Cream Siver Mines Ltd.	SURY 5	YA88127	14-Oct-94
Cream Siver Mines Ltd.	SURY 6	YA88128	14-Oct-94
Cream Siver Mines Ltd.	SURY 7	YA88129	14-Oct-94
Cream Siver Mines Ltd.	SURY 8	YA88130	14-Oct-94
Cream Siver Mines Ltd.	SURY 9	YA88131	14-Oct-94
Cream Siver Mines Ltd.	SURY 10	YA88132	14-Oct-94
Cream Siver Mines Ltd.	SURY 11	YA88133	14-Oct-94
Cream Siver Mines Ltd.	SURY 12	YA88134	14-Oct-94
Cream Siver Mines Ltd.	SURY 13	YA88135	14-Oct-94
Cream Siver Mines Ltd.	SURY 14	YA88136	14-Oct-94
Cream Siver Mines Ltd.	SURY 15	YA88137	14-Oct-94
Cream Siver Mines Ltd.	SURY 16	YA88138	14-Oct-94
Cream Siver Mines Ltd.	SURY 17	YA88139	14-Oct-94
Cream Siver Mines Ltd.	SURY 18	YA88140	14-Oct-94
Cream Siver Mines Ltd.	SURY 19	YA88141	14-Oct-94
Cream Siver Mines Ltd.	SURY 20	YA88142	14-Oct-94
Cream Siver Mines Ltd.	SURY 21	YA88143	14-Oct-94
Cream Siver Mines Ltd.	SURY 22	YA88144	14-Oct-94
Cream Siver Mines Ltd.	SURY 23	YA88145	14-Oct-94
Cream Siver Mines Ltd.	SURY 24	YA88146	14-Oct-94
Cream Siver Mines Ltd.	SURY 25	YA88147	14-Oct-94
Cream Siver Mines Ltd.	SURY 26	YA88148	14-Oct-94
Cream Siver Mines Ltd.	SURY 27	YA88149	14-Oct-94
Cream Siver Mines Ltd.	SURY 28	YA88150	14-Oct-94
Cream Siver Mines Ltd.	SURY 29	YA88151	14-Oct-94
Cream Siver Mines Ltd.	SURY 30	YA88152	14-Oct-94
Cream Siver Mines Ltd.	SURY 31	YA88153	14-Oct-94

4.0 REGIONAL GEOLOGY

4.1 Tectonic Environment

The Klondike district is located on the northeastern edge of the Palaeozoic Yukon-Tanana tectonostratigraphic terrane (Mortensen, 1990; Figure 3). This allochthonous terrane is separated from thrust-stacked parautochthonous rocks of the North American miogeocline by the Tintina Fault Zone, a major suture which has accommodated relative movement between the two crustal blocks. Initial docking of the Yukon-Tanana terrane with the North American continental margin probably occurred in Early to Middle Jurassic times (Mortensen, pers. comm., 1994). Docking was accompanied by obduction of interposed oceanic lithosphere, now represented by ophiolitic rocks of the Slide Mountain terrane.

Major relative movement between the Yukon-Tanana terrane and the North American continental margin occurred in Late Palaeogene and Neogene times (Mortensen, pers. comm., 1994). A net dextral strike-slip displacement of 450km was originally suggested by Templeman-Kluit (1974) and this estimate is still endorsed by most workers. Strike-slip movement along Tintina Fault Zone appears to have been immediately preceded by an episode of bimodal basalt and topaz rhyolite volcanism. Products of this Palaeocene - Eocene magmatic event are present in both the Klondike district and the Grew Creek area 400km to the southeast.

4.2 Stratigraphy

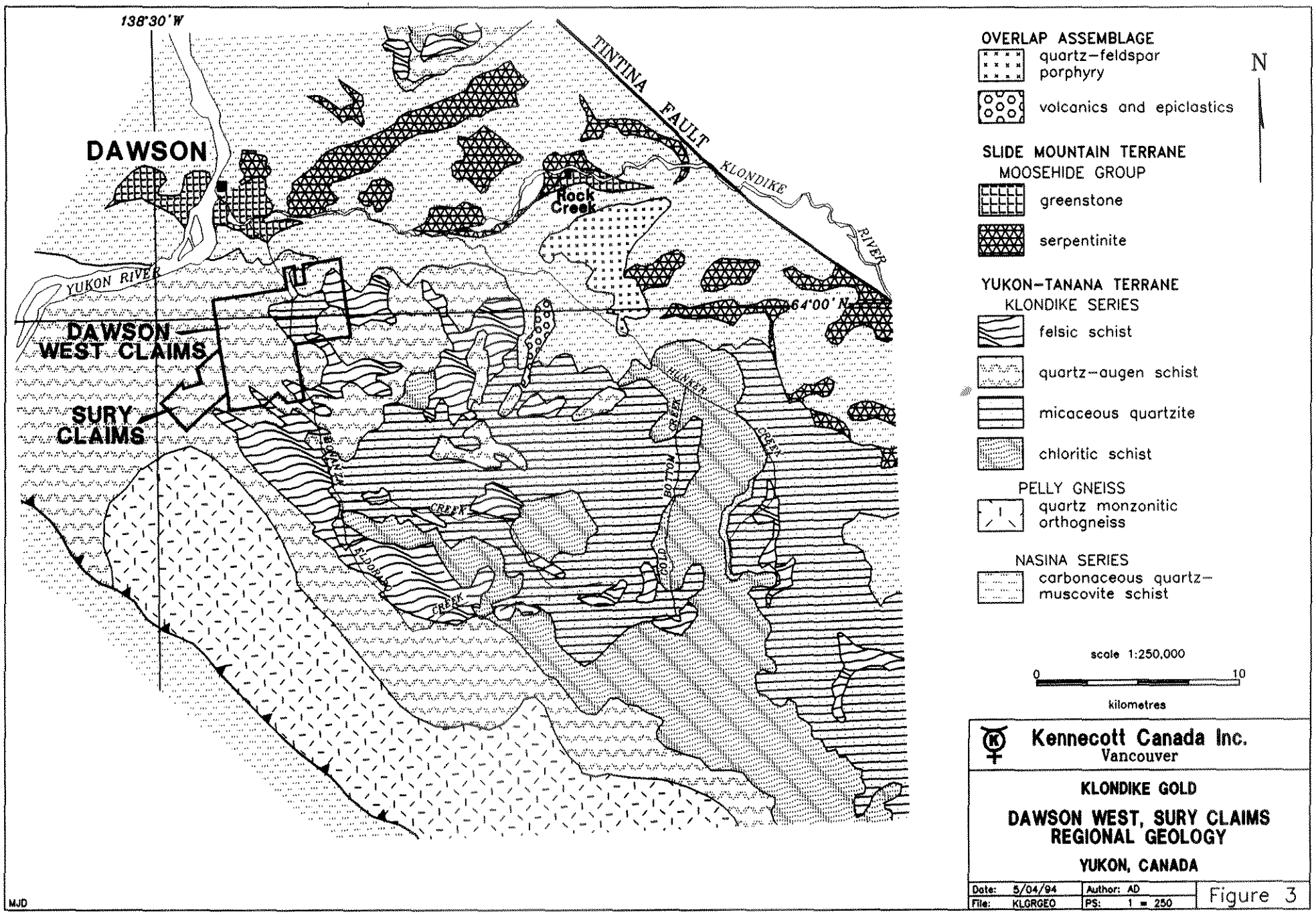
Brief descriptions of rock units found in the vicinity of the property are provided below, using the tectonostratigraphic nomenclature of Mortensen (1990) and the original stratigraphic nomenclature of McConnell (1905). Units are grouped into the Yukon-Tanana terrane, the Slide Mountain terrane and a post-amalgamation overlap assemblage (Figure 3). Units within each group have been described in what is believed to be the order of diminishing age.

4.2.1 Yukon-Tanana terrane

The Yukon-Tanana terrane is an assemblage of tectonically interleaved Palaeozoic rock units. Mortensen (1990) has outlined three thrust-stacked assemblages within the terrane, two of which occur in the vicinity of the Dawson and Sury claims. One of these assemblages equates to the Nasina Series of McConnell (1905), the other to McConnell's (ibid.) Pelly Gneiss and Klondike Series.

Nasina Series

This unit is comprised largely of medium to dark grey carbonaceous quartz-muscovite


138°30' W
DAWSON
TINTINA FAULT
KLONDIKE RIVER
Rock Creek
YUKON RIVER
64°00' N
DAWSON WEST CLAIMS
SURY CLAIMS
HUNKER CREEK
BONANZA CREEK
ELDORADO CREEK
GOLD RUN CREEK
MJD
OVERLAP ASSEMBLAGE
quartz–feldspar porphyry
volcanics and epiclastics
N
SLIDE MOUNTAIN TERRANE
MOOSEHIDE GROUP
greenstone
serpentinite
YUKON–TANANA TERRANE
KLONDIKE SERIES
felsic schist
quartz–augen schist
micaceous quartzite
chloritic schist
PELLY GNEISS
quartz monzonitic orthogneiss
NASINA SERIES
carbonaceous quartz–muscovite schist
scale 1:250,000
0
10
kilometres
Kennecott Canada Inc.
Vancouver
KLONDIKE GOLD
DAWSON WEST, SURY CLAIMS
REGIONAL GEOLOGY
YUKON, CANADA
Date: 5/04/94
Author: AD
File: KLGRGEO
PS: 1 = 250
Figure 3

schist and carbonaceous metaquartzite. Thin horizons of medium to dark grey marble occur locally. Recent U-Pb zircon dating indicates a Devono-Mississippian age for the unit (Mortensen, pers. comm., 1994). Protoliths were predominantly carbonaceous siliciclastic sedimentary rocks.

Pelly Gneiss

This unit is comprised of biotite-bearing quartz monzonitic orthogneiss. The rock probably represents a deformed granitic intrusion. Recent U-Pb zircon dating by Mortensen (1990) indicates a Mid-Permian age for the Pelly Gneiss.

Klondike Series

Several lithostratigraphic units have been identified within the Klondike Series. The lowest stratigraphic unit is comprised of quartz-chlorite-actinolite schist and associated metadiabase. Protoliths were probably mafic to intermediate volcanics and consanguineous sub-volcanic intrusions. This unit grades upward into micaceous and chloritic metaquartzite, which represents a terrigenous clastic sequence containing a minor component of mafic to intermediate volcanic lithogenous material. Cross-cutting these two units is a quartz-feldspar augen schist (Mortensen, 1990). Work by McConnell (1905), Metcalfe (1981) and Mortensen (1990) suggests that this rock type constitutes a deformed quartz-feldspar porphyry. Felsic schist overlies the quartz-feldspar augen schist and may be its extrusive equivalent (Mortensen, 1990). The felsic schist unit, which is thin and recessively weathering, includes a minor component of carbonaceous quartz-muscovite schist and contains small occurrences of possible volcanogenic massive sulphide mineralisation. The protolith may have been a felsic tuff (Mortensen, 1990). Recent U-Pb zircon dating by Mortensen (ibid.) indicates a Mid- Permian age for the Klondike Series, identical to the age deduced for the Pelly Gneiss.

4.2.2 Slide Mountain terrane

The rocks of the Slide Mountain terrane are Paleozoic in age and comprise greenstone and serpentinite. They occur as tectonic slices caught up in regional structures and form discontinuous lenses and slabs ranging from less than 1m to 150m thick (Mortensen, 1990). These rocks equate to the Moosehide Group of McConnell (1905).

The greenstones consist of seafloor-altered pyroxene-phyric basalt, fine grained mafic tuff, diabase and minor gabbro. These rocks form substantial tectonic bodies which are well exposed along the Klondike highway immediately east of Dawson. Serpentinite is found as smaller, sheared and carbonate-altered tectonic slivers, sometimes wholly enclosed within Nasina Series rocks.

4.2.3 Overlap assemblage

The younger, post-amalgamation rock units include volcanics, volcanogenic sediments and intrusions of Late Cretaceous to Paleogene age. As the volcanics and volcanogenic sediments occur only locally, they may be preserved within down-dropped fault blocks or in subsidence structures related to volcanism and intrusion.

Massive andesite flows and sills are interbedded with thinly-bedded epiclastics and tuffs along Last Chance Creek (Mortensen, 1990; Debicki, 1984). A Late Cretaceous age for these rocks has been suggested by Mortensen (1990) on the basis of regional lithostratigraphic correlation with Carmacks Group volcanics in the Sixty Mile area.

A fine to medium grained equigranular hornblende-biotite granodiorite crops out in Hunker Creek 1km upstream of the mouth of Gold Bottom Creek. Debicki (pers. comm. to J.K. Mortensen, 1985) reports a Palaeocene K-Ar age for this intrusion, which may therefore be genetically related to the Last Chance Creek volcanics.

Well-bedded felsic lapilli tuff and coarse volcanic breccia containing quartz-feldspar porphyry and country rock lithic fragments are mapped along Germaine Creek, immediately adjacent to the Tintina Fault Zone (Mortensen, 1990). These rocks are correlated lithostratigraphically with Eocene volcanics found in the Grew Creek area 400 km to the southeast.

Quartz-feldspar porphyry occurs as a large intrusive body north of Hunker Creek. Debicki (pers. comm. to J.K. Mortensen, 1985) reports an Eocene K-Ar age for this intrusion. The rock is presumably the intrusive equivalent of the felsic lapilli tuff. Small bodies of brown-weathering plagioclase, hornblende and/or pyroxene-phyric mafic porphyry, diabase and rare olivine gabbro are closely associated with the quartz-feldspar porphyry (Mortensen, 1990).
A bimodal suite of dykes occurs throughout the Klondike district as thin composite or single phase intrusions. Field relations suggest that the composite dykes formed by initial intrusion of a mafic phase and subsequent intrusion of a felsic phase. Felsic dykes "split" earlier mafic ones, suggesting incomplete cooling of the mafic dykes at the time of felsic dyke intrusion. The relationship between the bimodal dyke suite and the quartz-feldspar porphyry intrusion is uncertain, though both have returned Eocene K-Ar ages (Mortensen, pers. comm., 1994).

5.0 PREVIOUS EXPLORATION

The earliest recorded lode gold exploration in the area of the Dawson and Sury claims was in 1902 at the head of Examiner and Dion Gulches. The claims, known collectively as the Halifax occurrence, were presumably staked to follow up quartz veins and lenses that crosscut quartz-muscovite schists. The claims were explored

with the excavation of several small pits until 1910. These claims were taken to lease (INAC, 1993).

The Halifax occurrence was restaked as the Spec claims in 1980 by Clark Ashley, who completed a geophysical survey that year. The Spec claims were dropped and restaked in 1982 but no work was reported. (INAC, 1993).

In 1972, the Hilker occurrence was staked as the Nug claims along Bonanza Creek, south of Sourdough Gulch (approximately 2km southeast of the Halifax occurrence). The Hilker occurrence contains muscovite-feldspar-quartz schist cut by pyritic porphyry dikes and narrow quartz veins. During 1973-1974, Anglo American and Exploram performed a ground magnetics survey and mapping on the property (INAC, 1993).

Near the headwaters of Bryant Creek, the Bronson occurrence was staked by Cominco in 1980 to follow up galena-bearing quartz-carbonate vein float. Cominco conducted soil sampling and mapping in 1980 and completed a bulldozer trenching program in 1983. Cominco restaked the property in 1987 as the Bro claims and conducted IP, resistivity, magnetic and VLF-EM surveys, and trenching during the same year (INAC, 1988). The Sury claims were staked on the southern boundary of the Bro claims. The Bro claims were allowed to laps by Cominco in 1992. The ground was subsequently withdrawn from staking.

In 1983 the Halifax and the Hilker Occurrences were restaked as part of the Dawson claim block by Perron Gold Mines Ltd. In 1984 a program of regional heavy mineral and stream silt sampling was performed on tributaries of Bonanza Creek in conjunction with an airborne EM and magnetic survey to follow up photogrammetric targets (Grunenburg and Troup, 1985). In 1986, Aerodat completed a helicopter supported geophysical program over the Dawson claim area (Grunenburg, 1987).

A single line induced polarization - resistivity survey was conducted over the southern edge of the Dawson claims in 1991 for Arbor Resources. The program identified a zone of high chargeability which was interpreted to be two parallel sulphide bearing veins (Mark, 1991).

6.0 1993 EXPLORATION PROGRAM

During the 1993 field season, 10 days were spent prospecting, rock sampling, grid and ridge and spur soil sampling, and geological mapping. Prior to the field season, 1987 helicopter geophysics for the Dawson claim area were reprocessed.

During the program, a total of 108 soil samples were collected on the property (73 on Sury claims and 35 on Dawson claims). For the statement of costs, 36 were allotted

to the Sury claim group and 72 were allotted to the Dawson West group.

Seven rock samples were collected during prospecting and mapping. Two of these samples were collected after the work was filed and therefore do not appear in the statement of costs.

7.0 GEOLOGY, ALTERATION AND MINERALIZATION

Very little outcrop is exposed on the property, however, geology can be ascertained from the locally abundant angular subcrop boulders. These boulders are a result of frost heaving and are particularly abundant on the north-facing slopes.

The Sury and Dawson West claims are predominantly underlain by quartz-muscovite schist. (Figure 4). A rhyolite porphyry unit is intrusive into the schists near the junction of Sourdough Gulch and Bonanza Creek. The exact contact was not visible, however, its location could be determined within a few metres. The rhyolite porphyry is bleached, white to buff in colour and contains 5-10% bluish quartz eyes. Sericite or clay altered relict feldspar laths form 10% of the total rock. The rhyolite porphyry, mapped on government maps (Debicke, 1985), corresponds with an airborne magnetic high (Figure 13). Mapping in 1993 identified the surface exposure to roughly correspond with the previously mapped contact.

8.0 GEOCHEMISTRY

8.1 ROCK GEOCHEMISTRY

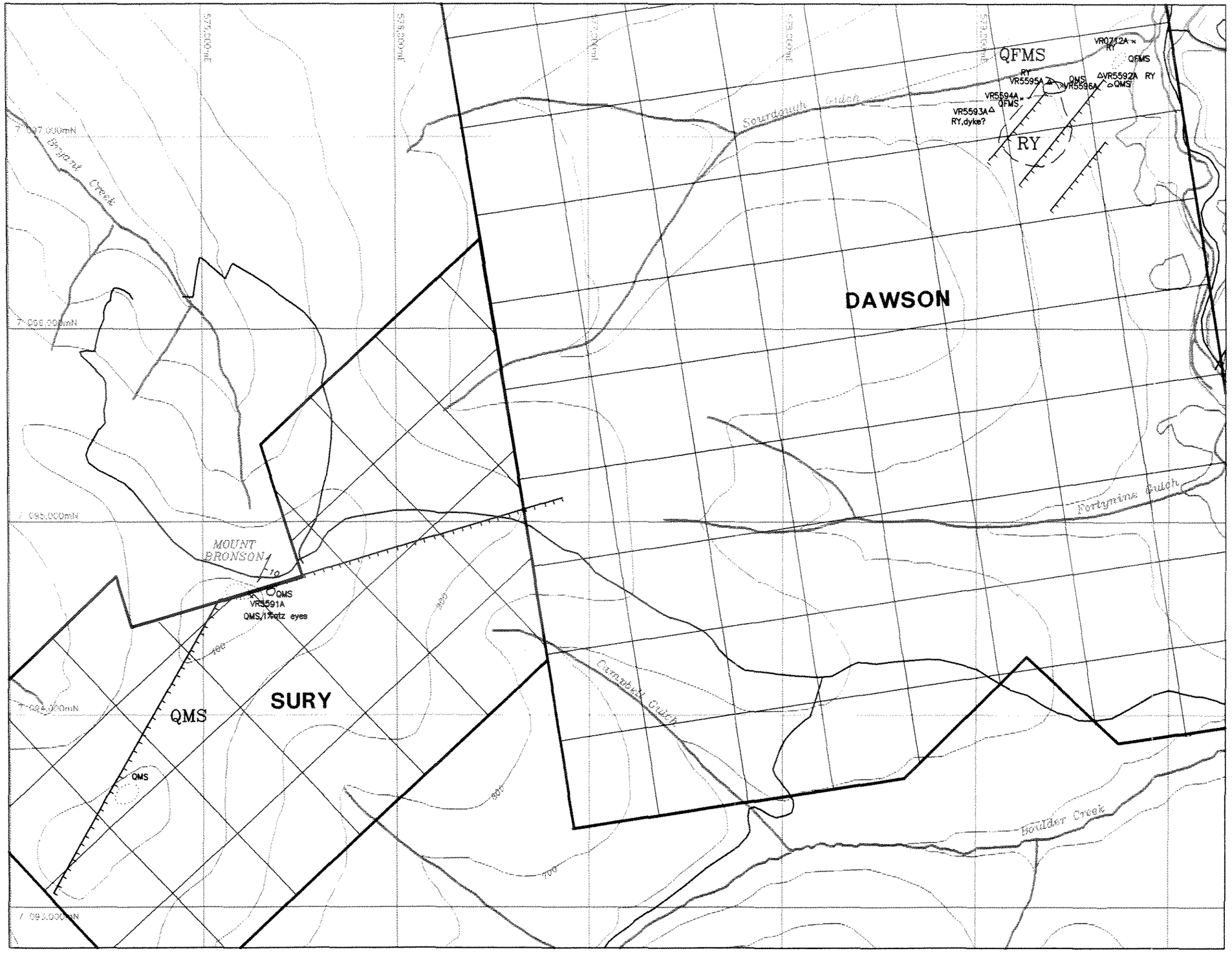
A total of seven rock samples were collected on the Sury and Dawson West claims. Sample locations are plotted on Figure 4 and sample descriptions are located in Appendix A.

Samples were sent to Chemex Labs and were analyzed for gold using a 30 g fire assay preparation with an AA finish, and for an additional 32 elements by ICP-ES. Analytical certificates are provided in Appendix B.

None of the rock samples collected contain gold above detection, but one sample is anomalous in arsenic and another sample is anomalous in zinc. Sample VR5592A, of altered quartz-feldspar porphyry, contains 32ppm arsenic. A sample of quartz-feldspar-muscovite schist (VR5594A), contains 116ppm zinc.

8.2 SOIL GEOCHEMISTRY

A total of 108 soil samples were collected on the Sury and Dawon West claims (Figure 5). Soil sampling on the Sury claims was conducted along Mount Bronson ridge and



RY RHYOLITE PORPHYRY;
5% white quartz eyes
5% altered feldspar phenocrysts
in fine-grained white matrix

QMS QUARTZ-MUSCOVITE SCHIST

QFMS QUARTZ-FELDSPAR-MUSCOVITE SCHIST;
medium grained, green to pink

qtz quartz

outcrop

subcrop (includes frost heave)

geological contact; defined, inferred

foliation; with dip

Δ, × rock sample; outcrop, float

soil line with stations

road

scale 1:20,000

0 1000

metres

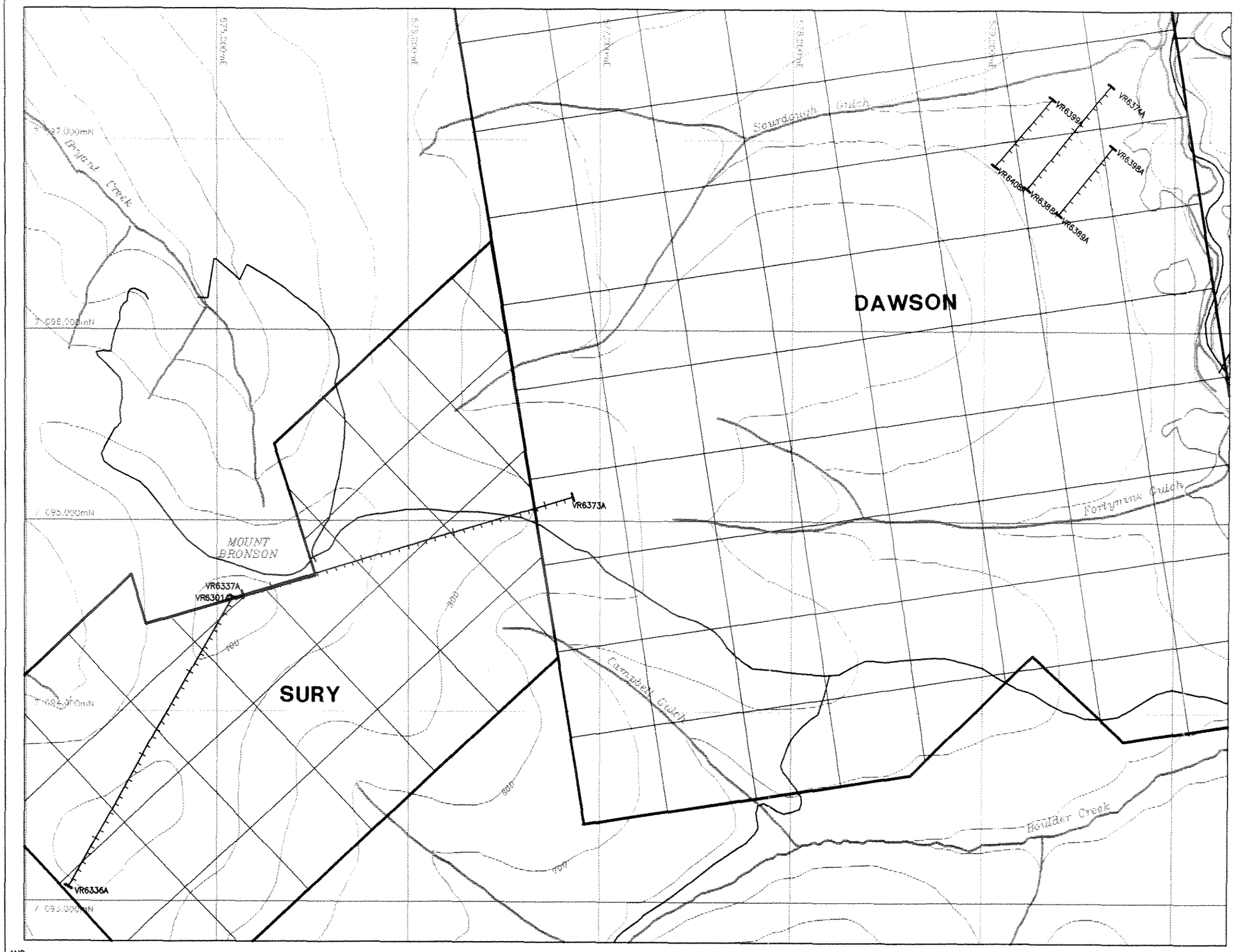
Kennecott Canada Inc.
Vancouver

KLONDIKE GOLD

SURY & DAWSON WEST
GEOLOGY & ROCK SAMPLE LOCATIONS
YUKON, CANADA

Date:	12/4/94	Author: A.D.	Figure 4
File:	SURASS-GEO	PS: 1 = 20	

MJD



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Vancouver

KLONDIKE GOLD

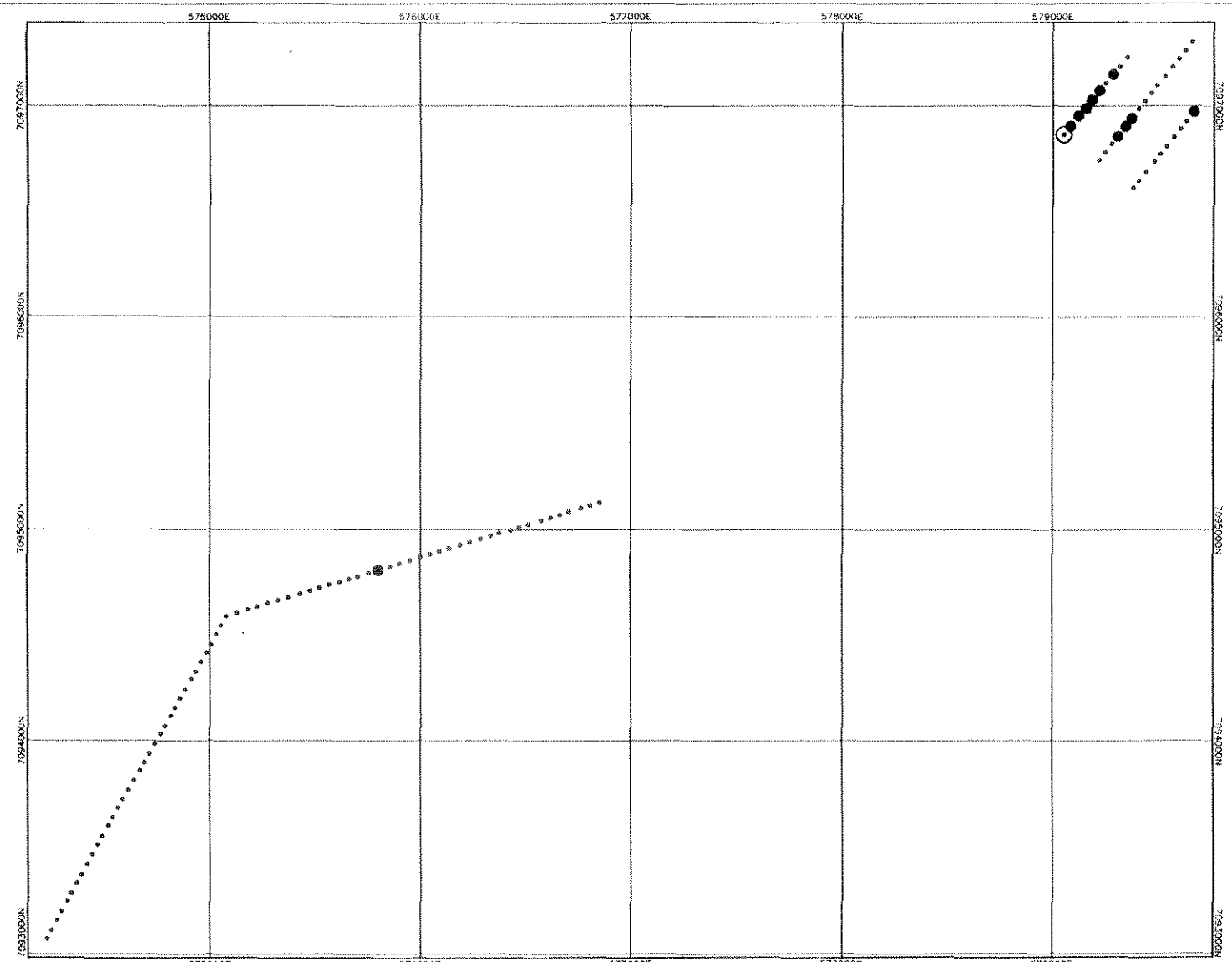
SURY & DAWSON WEST
SOIL SAMPLE LOCATIONS

YUKON, CANADA

Date: 14/4/94	Author: A.D.
File: SURASS-GC	PS: 1 = 20

Figure 5

MJD



- 0 - 5 ppb Au
- 6 - 20 ppb Au
- 21 - 40 ppb Au
- > 41 ppb Au

N

Scale 1:30000

500 0 500

(meters)

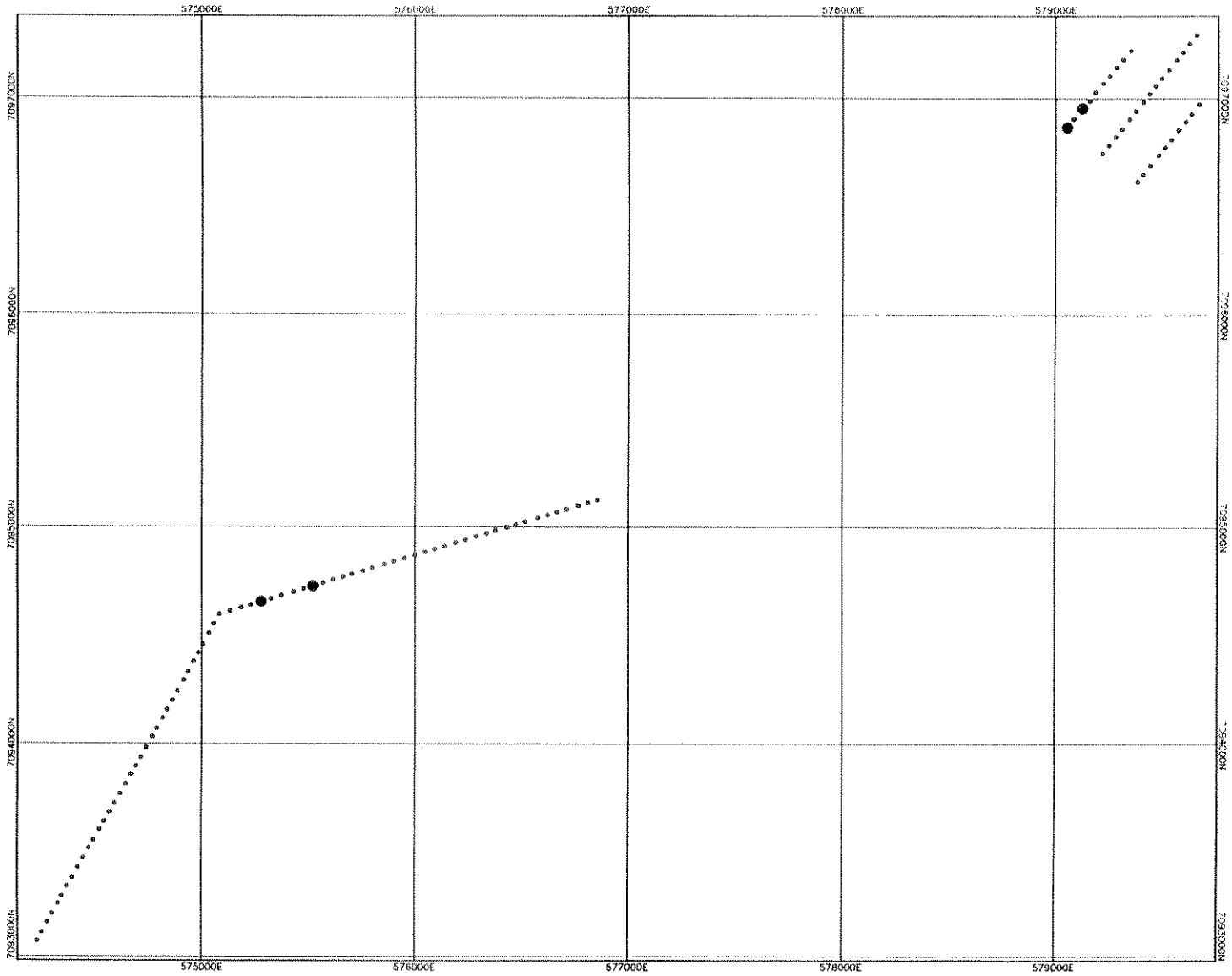
Kennecott Canada Inc.
Vancouver

SURY AND DAWSON WEST CLAIMS

SOIL GEOCHEMISTRY GOLD PPB

YUKON, CANADA

Date: 07\05\93	Author:	
File: SURAU-F	PS:	Figure 6



- 0 - .4 ppm Ag
- .5 - 1.0 ppm Ag
- 1.1 - 1.9 ppm Ag
- > 2.0 ppm Pb

N

Scale 1:30000

500 0 500
(meters)

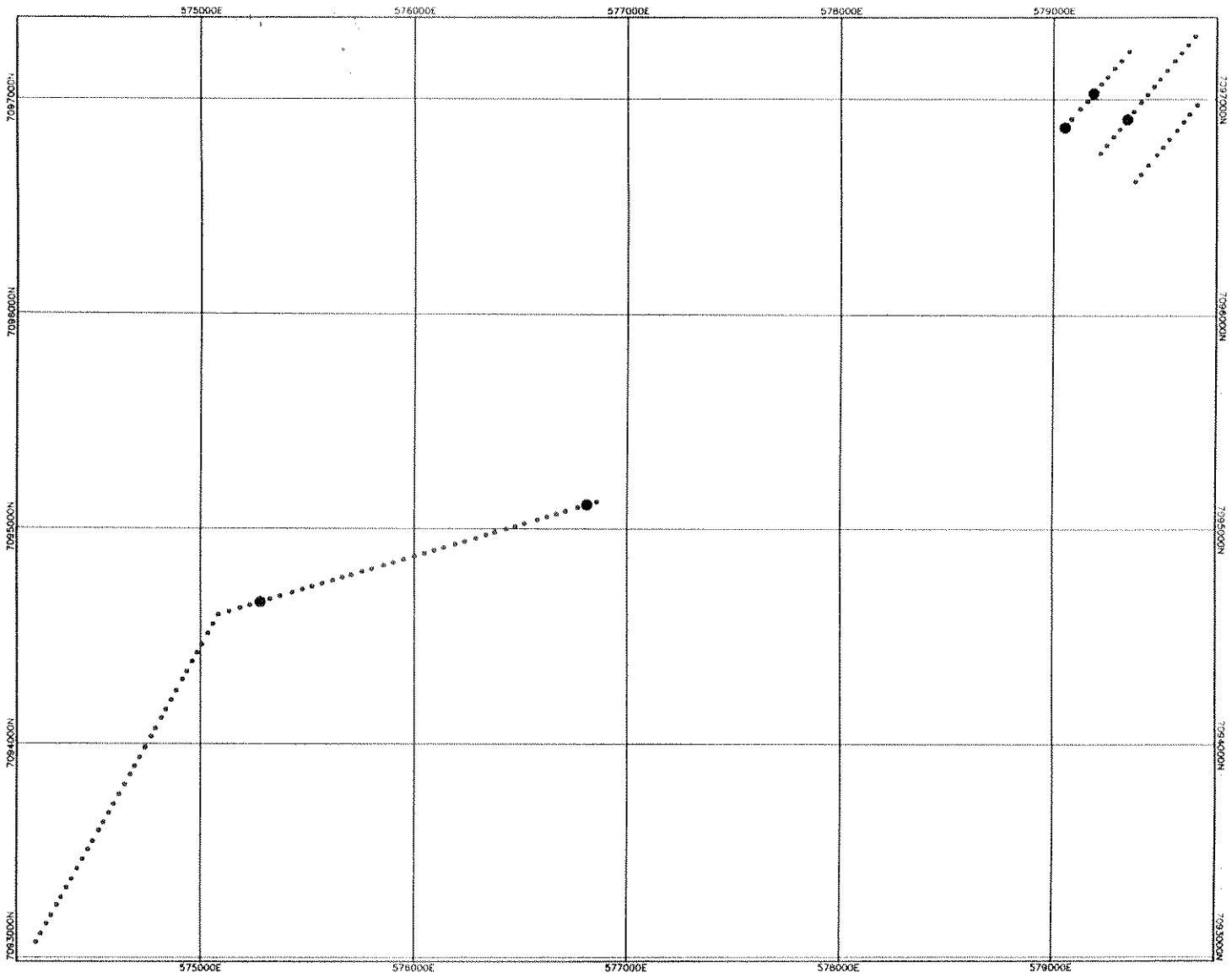
Kennecott Canada Inc.
Vancouver

SURY AND DAWSON WEST CLAIMS

SOIL GEOCHEMISTRY SILVER PPM

YUKON, CANADA

Date: 07\05\93	Author:	
File: SURAG-F	PS:	Figure 7



- 0 - 30 ppm As
- 31 - 100 ppm As
- 101 - 150 ppm As
- > 151 ppm Pb

N

Scale 1:30000

500 0 500

(meters)

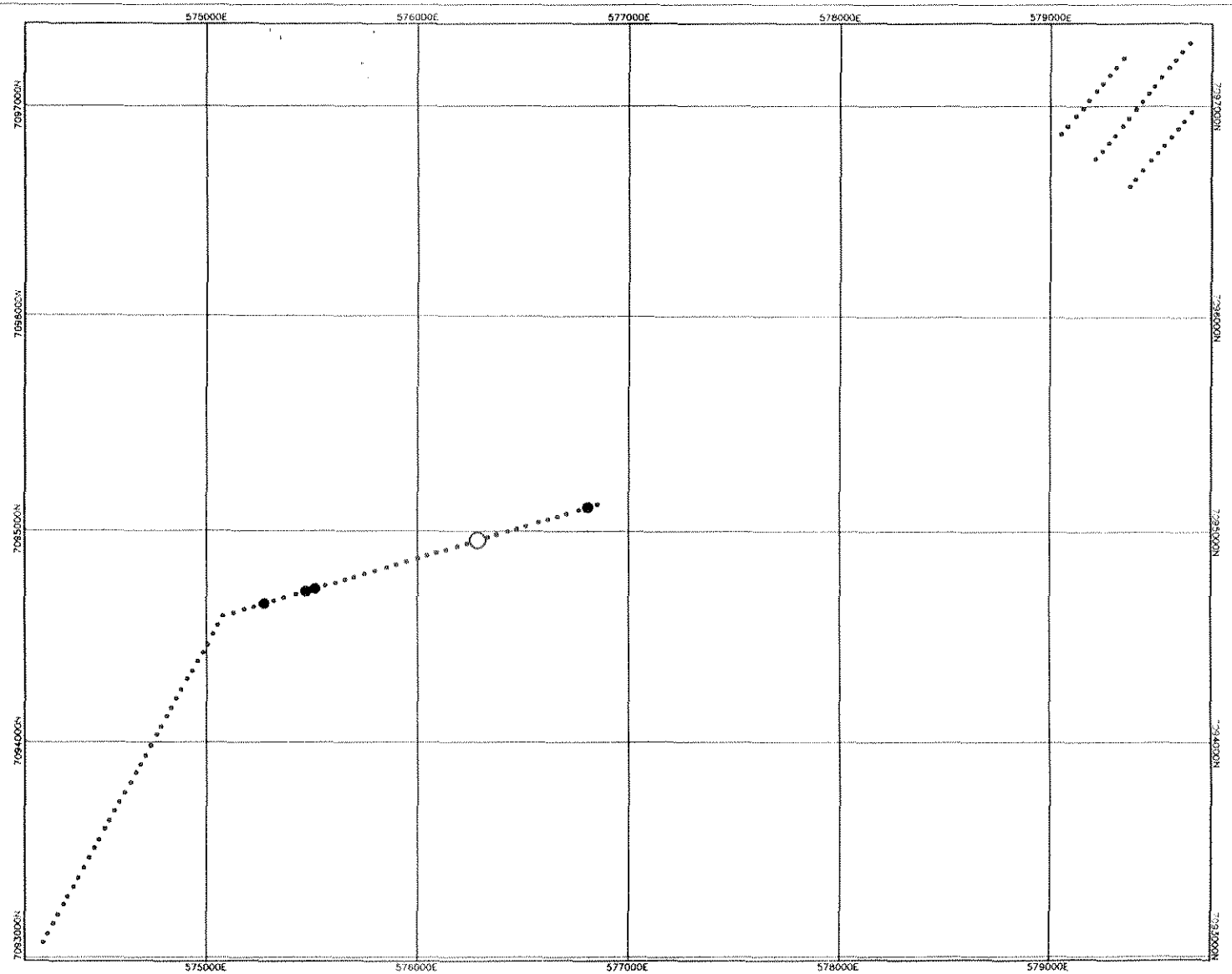
Kennecott Canada Inc.
Vancouver

SURY AND DAWSON WEST CLAIMS

SOIL GEOCHEMISTRY ARSENIC PPM

YUKON, CANADA

Date: 07\05\93	Author:	Figure 8
File: SURAS-F	PS:	



- 0 - 45 ppm Cr
- 46 - 100 ppm Cr
- 101 - 250 ppm Cr
- > 251 ppm Cr

N

Scale 1:30000

500 0 500

(meters)

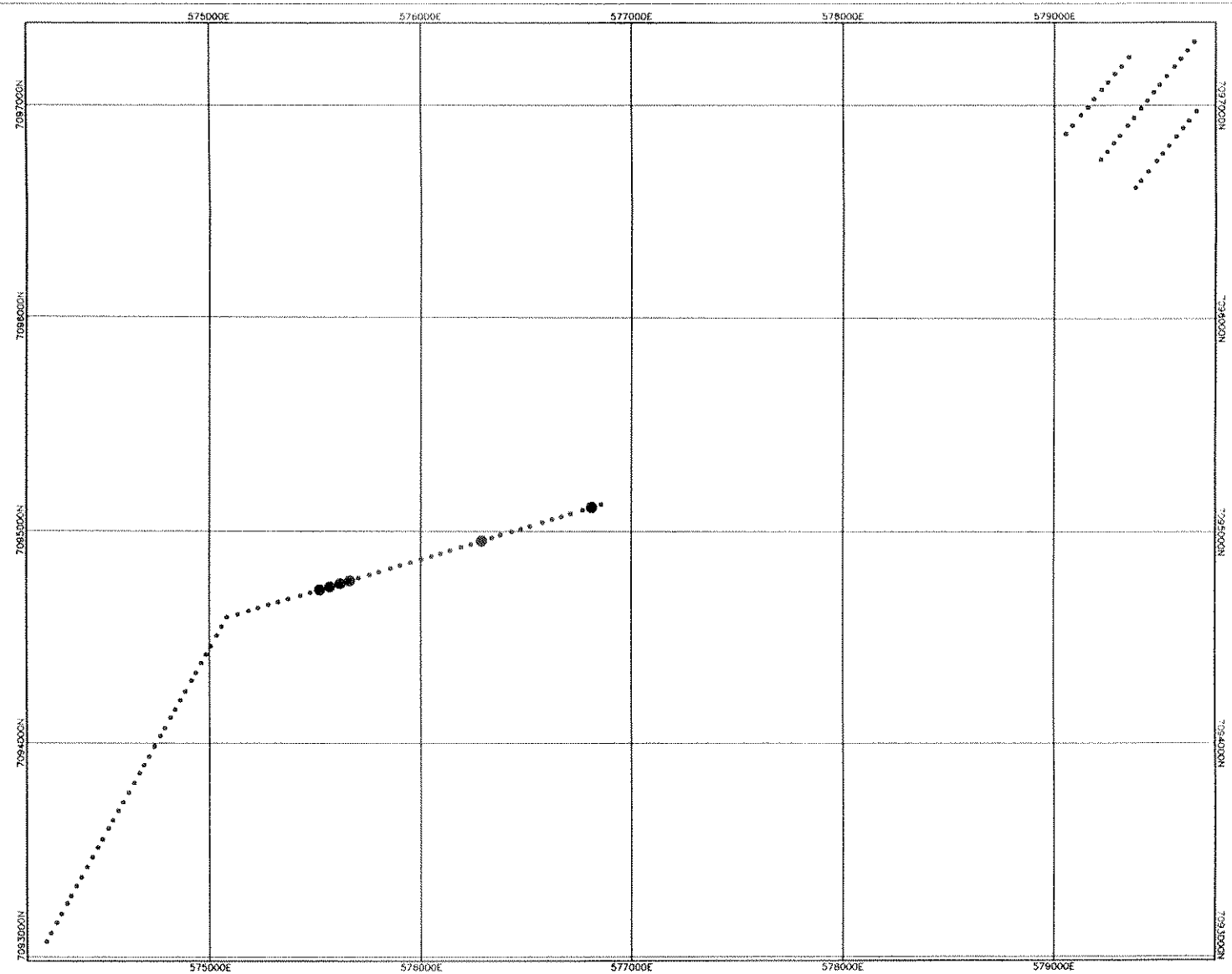
Kennecott Canada Inc.
Vancouver

SURY AND DAWSON WEST CLAIMS

SOIL GEOCHEMISTRY CHROMIUM PPM

YUKON, CANADA

Date: 07/09/93	Author:	
File: SURCR-F	PS:	Figure 9



0 - 30 ppm Cu
31 - 100 ppm Cu
101 - 150 ppm Cu
> 151 ppm Cu

N

Scale 1:30000
500 0 500
(meters)

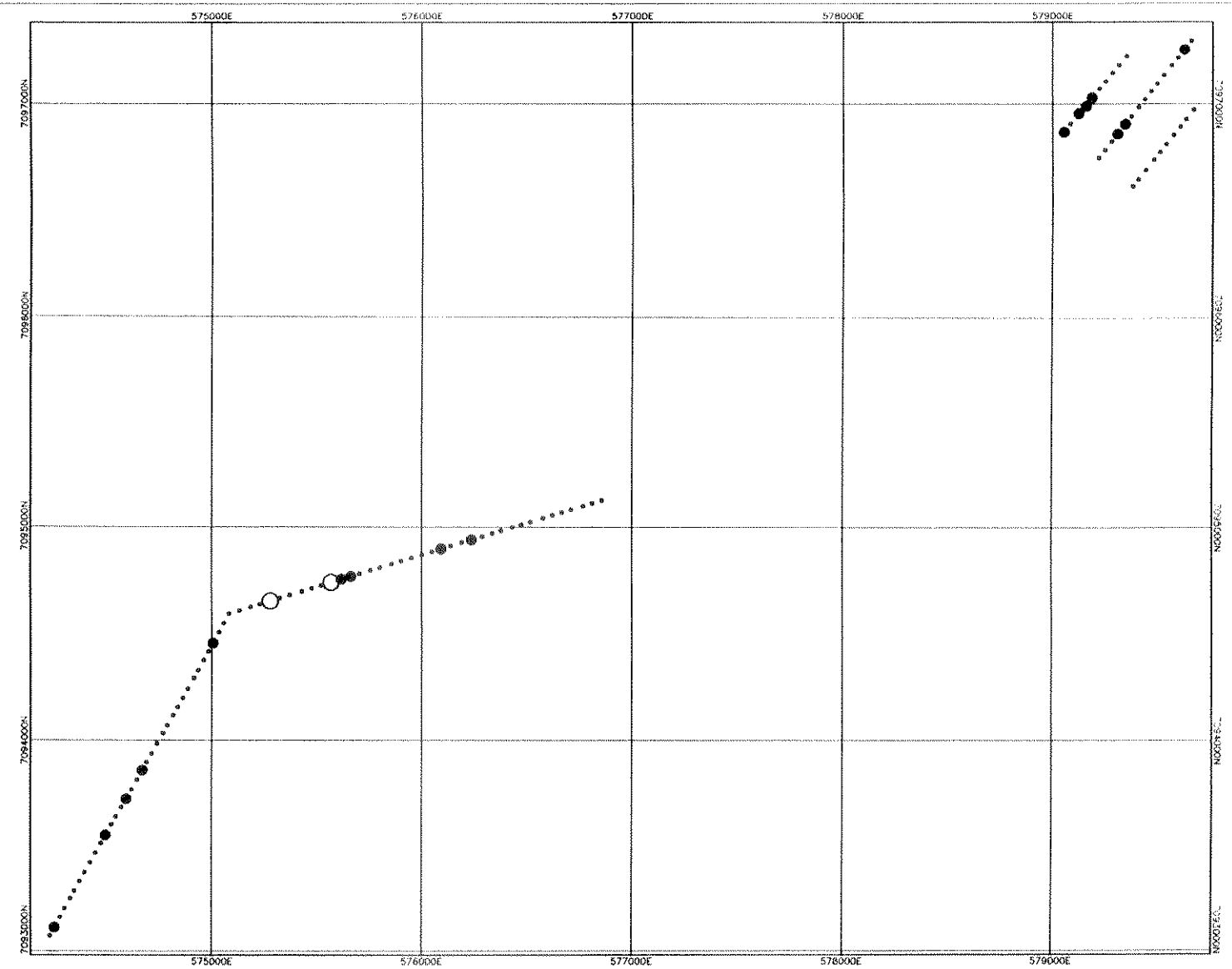
Kennecott Canada Inc.
Vancouver

SURY AND DAWSON WEST CLAIMS

SOIL GEOCHEMISTRY COPPER PPM

YUKON, CANADA

Date: 07\05\93	Author:	
File: SURCU-F	PS:	Figure 10



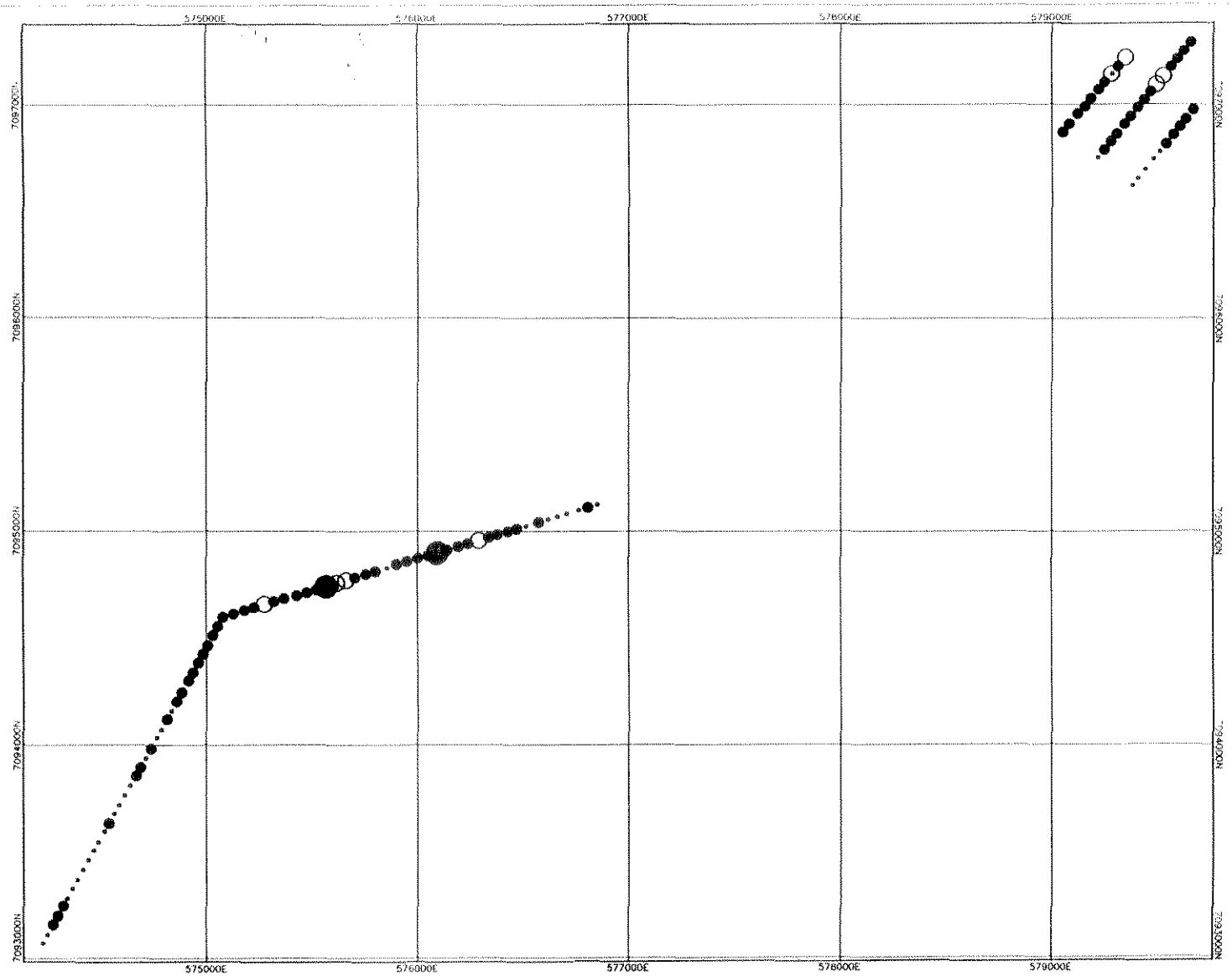
Kennecott Canada Inc.
Vancouver

SURY AND DAWSON WEST CLAIMS

SOIL GEOCHEMISTRY LEAD PPM

YUKON, CANADA

Date: 07\05\93	Author:	Figure 11
File: SURPB-F	PS:	



- 0 - 50 ppm Zn
- 51 - 100 ppm Zn
- 101 - 150 ppm Zn
- > 151 ppm Zn

N

Scale 1:30000

500 0 500

(meters)

Kennecott Canada Inc.
Vancouver

SURY AND DAWSON WEST CLAIMS

SOIL GEOCHEMISTRY ZINC PPM

YUKON, CANADA

Date: 07\05\93	Author:	Figure 12
File: SURZN-F	PS:	

the eastern spur from this ridge. Samples were collected at 50m intervals from B-horizon soils which are, in general, well developed and within 30cm of surface. Soil samples on the Dawson claims were collected along three parallel lines covering a quartz-feldspar porphyry mapped by Debicke (1984).

Samples were sent to Chemex Labs and were analyzed for gold using a 30 g fire assay preparation with an AA finish, and for an additional 32 elements by ICP-ES. Sample descriptions are located in Appendix C, analytical certificates are provided in Appendix D and bubble plots of results are depicted on Figures 6 to 12.

On the Sury claims, samples along the ridge south of the Bronson occurrence are anomalous in gold, silver, arsenic, chromium, copper, lead and zinc. These include highs of 10ppb gold in VR6351A, 0.8ppm silver in VR6340A and VR6345A, 32ppm arsenic in VR6340A, 64ppm chromium in VR6340A, and 72 ppm copper, 96ppm lead, and 180ppm zinc in VR6346A. Background lead and zinc valves are higher than the average for the Klondike throughout the Sury sampling area.

Grid sampling in the area of a quartz-feldspar porphyry on the Dawson claims outlined anomalous gold, lead and zinc ± silver and arsenic. Gold, silver, arsenic and lead are most anomalous at the southwest end of the grid, while zinc highs occur at the northeast end of the grid. A six station gold anomaly along one line contains values from 10 to 25ppm. The 25ppm gold sample (VR6608A) also contains 36ppm arsenic. Other high values encountered on the grid include 132ppm zinc in VR6379A and 50pm lead in VR6608A.

9.0 REPROCESSING OF HELICOPTER GEOPHYSICS

Three helicopter magnetic and electromagnetic surveys have been commissioned over areas of the Klondike district by Arbor Resources Inc. and their associates. All three were flown by Geonex Aerodat Limited of Mississauga, Ontario (Table 2, Figures 13, 14). Survey specifications are detailed in interpretive reports prepared for Arbor by Aerodat (Geonex Aerodat Limited, 1987a.,b.,c.). Parameters measured during the survey included terrain clearance, total magnetic field, in-phase and quadrature responses for four frequencies of EM (32,000Hz coplanar, 4,600Hz coaxial, 4,175Hz coplanar, 935Hz coaxial) and total field and quadrature components for two frequencies of VLF-EM (24,800Hz, 24,000Hz).

Table 2
Klondike helicopter geophysical surveys

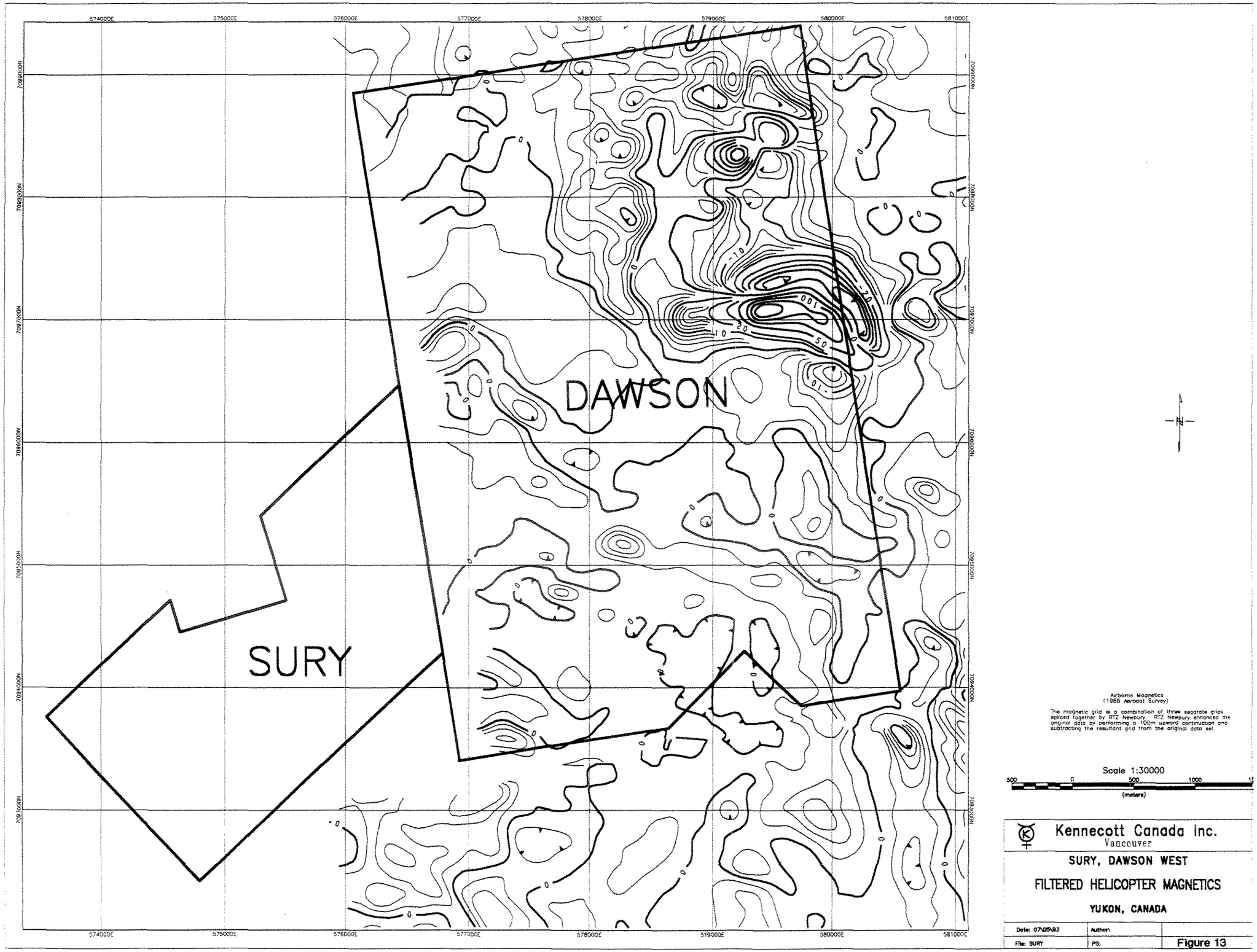
Job No.	Acquisition Dates	Line km	Line Spacing	Line Azimuth	Terrain Clearance
J8646	Jan.16, 1987	139	100 m	015° (195°)	60 m
J8642	Jan.17-Jan.25, 1987	1,335	100 m	015° (225°)	60 m
J8661	Jan.25-Feb.1, 1987	1,920	100 m	030° (210°)	60 m

Navigation was facilitated by development of a MiniRanger radar transponder system and flight path recovery was accomplished by using video tracking, an uncontrolled photomosaic base map and published 1:50,000 NAD27 topographic maps. Inexplicable however, line data for the survey No.8642 were not located in UTM space following the survey but were left co-ordinated to the local Mini-Ranger grid. The UTM co-ordinates for the Mini-Ranger transponder stations have not been recorded.

Digital tapes for these surveys were recovered from Aerodat's archives in first quarter of 1993. Corresponding video tracking tapes were not found, nor have they been located elsewhere. Preliminary imaging of a magnetic grid prepared from line data for survey No.8642 revealed the stripping characteristic of a poorly levelled survey. Aerodat was therefor commissioned to prepare properly levelled grids for each of the three surveys for total magnetic intensity, calculated vertical magnetic gradient and calculated apparent resistivity for each of the four EM frequencies. A 25m grid cell size was employed. Survey No.8642 was also located in UTM space by georeferencing stations picked from the photomosaic flight path map using the published 1:50,000 NAD27 topographic map. Positioning accuracy for the newly "located" data was estimated by Aerodat as ± 20m.

Magnetic and resistivity grids for the three survey areas were then normalised and merged by geophysicists at RTZ's exploration research facility in Newbury, England. In place of new vertical gradient grid, a residual magnetic was calculated by subtraction of a 100m upward continued grid from the merged magnetic intensity grid. This residual magnetic grid highlights high frequency variations in the total magnetic field. These variations are attributable to shallow structure or sources. All new grid files prepared at Newbury were then transformed into NAD83 1:50,000 topographic map sheets.

Contoured filtered magnetics and 4,175Hz coplanar resistivity for the Dawson property area are provided on Figures 13 and 14 respectively. As the magnetic high south of Sourdough Gulch is coincident with a mapped quartz-feldspar porphyry, it is presumed that the magnetic high 1km to the north also reflects a similar quartz-



Airborne Magnetics
(1988 Aerodat Survey)

The magnetic grid is a combination of three separate grids spliced together by RTZ Newbury. RTZ Newbury enhanced the original data by performing a 100m upward continuation and subtracting the resultant grid from the original data set.

Scale 1:30000

500 0 500 1000 1500
(meters)

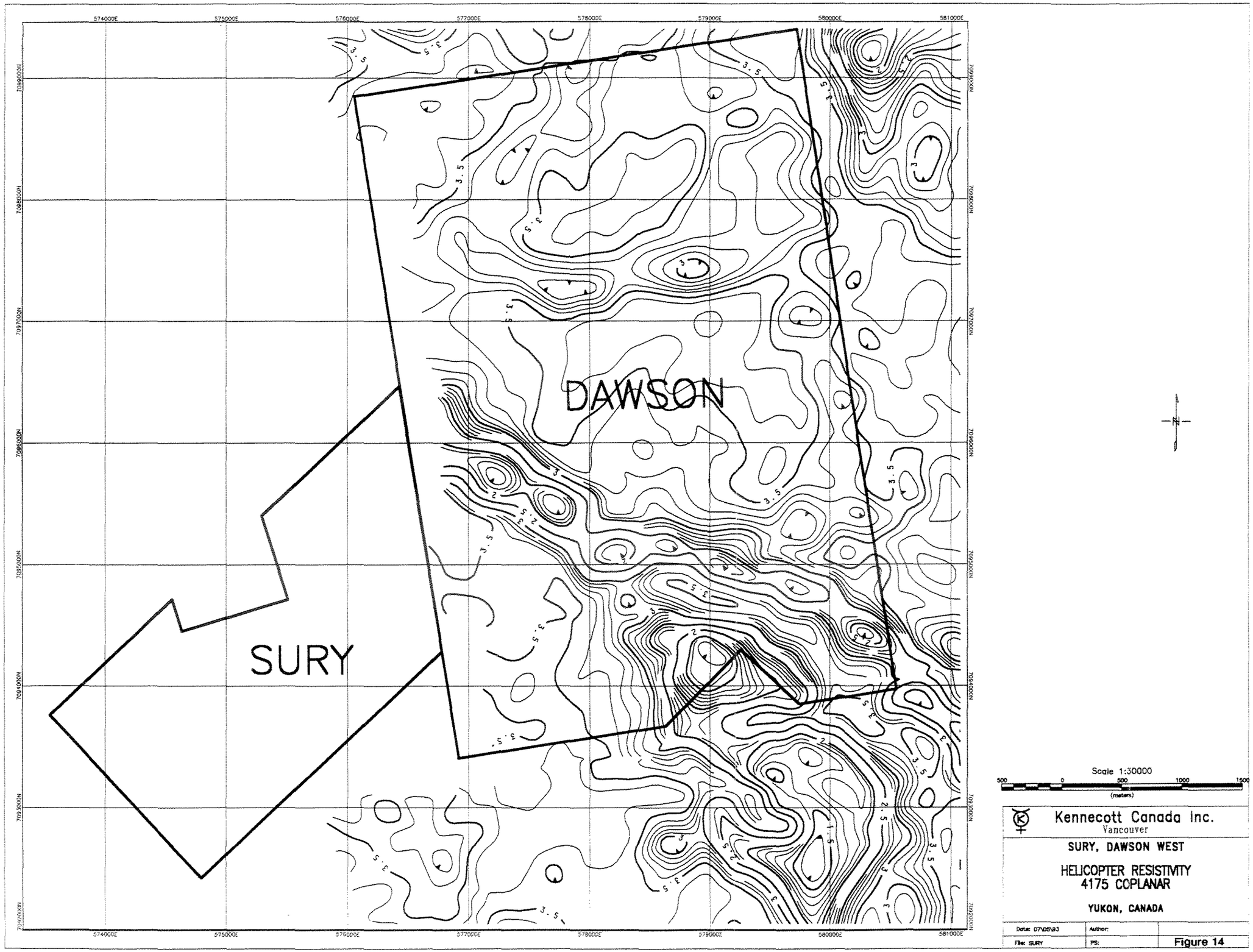
Kennecott Canada Inc.
Vancouver

SURY, DAWSON WEST

FILTERED HELICOPTER MAGNETICS

YUKON, CANADA

Date: 07\05\93	Author:	
File: SURY	PS:	Figure 13



N

Scale 1:30000

500 0 500 1000 1500

(meters)

Kennecott Canada Inc.
Vancouver

SURY, DAWSON WEST

HELICOPTER RESISTIVITY
4175 COPLANAR

YUKON, CANADA

Date: 07/05/93	Author:	
File: SURY	PS:	Figure 14

feldspar porphyry. The southeast-trending resistivity low that crosses the south end of the property may reflect graphitic schists, but a lack of mapping in the area precludes much interpretation.

10.0 CONCLUSIONS AND RECOMMENDATIONS

Soil geochemistry from ridge and spur soil sampling suggests that base metal mineralization similar to that at the Bronson occurrence may extend onto the Sury claims. Detailed prospecting, mapping and possibly trenching is required to verify this and to determine whether there might be potential for stratabound base metal mineralization in the area.

Grid soil sampling on the Dawson claims has outlined anomalous gold, lead, zinc ± silver, arsenic overlying and adjacent to a magnetic quartz-feldspar porphyry. This area, and the area of a similar magnetic high 1km to the north, should be gridded, prospected, mapped, soil sampled and surveyed with ground magnetics. Targets outlined during this first phase of work should be trenched and sampled in detail.

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STATEMENT OF QUALIFICATIONS

I, Russ Cranswick, with business address at 354 - 200 Granville Street, Vancouver, B.C., V6C 1S4, and residence at P6 - 2455 York Avenue, Vancouver, B.C., V6K 1C9, hereby certify that:

1) I graduated from the University of British Columbia in 1987 with a B.Sc. in Geology.

2) I am a licensed Professional Geologist (L607) with the Association of Professional Engineers, Geologists and Geophysicists of the Northwest Territories.

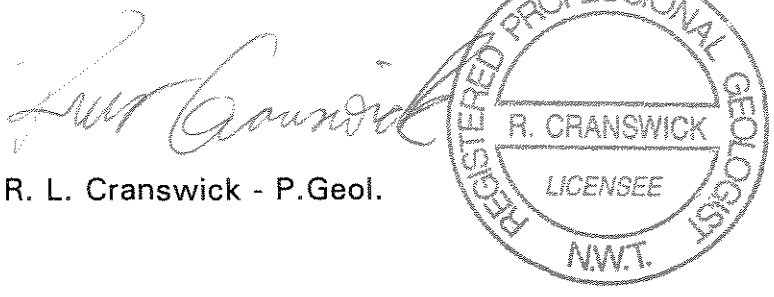
3) I am a member of the Society of the Economic Geologists.

4) For the past seven years as a geologist, and the three years prior as a student, I have been actively engaged in mineral exploration in British Columbia, Yukon Territory, Northwest Territories and Ontario.

5) I have no interest, nor do I expect to receive any interest, in the property or any related securities.

6) This report is based on the work conducted by, and the personal observations of, my co-author. My contributions to this report are based on a review of the data and my familiarity with the project area.

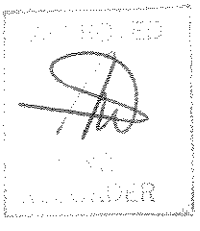
Dated at Vancouver, British Columbia, this 10th day of May, 1994.



R. L. Cranswick - P.Geol.

STATEMENT OF COSTS - Dawson West
11, 12, 16, 17, 19, 20 August 1993

Salaries				
Geologists	13 man days	@	$250.00	$ 3,250.00
Support				
Truck 1 rental	7 days	@	$60.00	$ 420.00
Fax rental	7 days	@	$10.00	$ 70.00
Meals and Accommodations				
Meals	13 man days	@	$40.00	$ 520.00
House Rental	7 days	@	$37.00	$ 259.00
Analytical Costs				
Rock	5 samples	@	$16.00	$ 80.00
Soil	72 samples	@	$11.00	$ 792.00
Freight				$ 1,754.00
Airborne Geophysical Reprocessing				
	93 claims	@	$26.00	$ 2,418.00
Supplies				$ 544.00
Communications/Reproductions				$ 100.00
Report				$ 750.00
Drafting				$ 750.00
TOTAL				$ 11,707.00

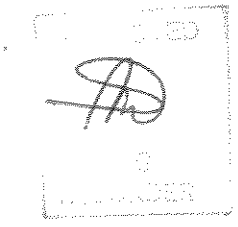


Work performed on: Dawson 32, 42, 50, 51, 58 and Sury 8, 9, 17-19

$101.15 apportioned to each claim renewed

Costs alloted to the following groups:

DA03349	Dawson 1, 2, 9, 17, 25, 33, 41, 49, 81, 89 (10)	$1,011.50
DA03350	Dawson 10, 18, 26, 34, 42, 50, 58, 66, 74, 82, 90, 91-94 (15)	$1,517.25
DA03351	Dawson 3, 11, 19, 27, 35, 43, 51, 59, 67, 75, 83-86 (14)	$1,416.10
DA03352	Dawson 4-6, 12, 20, 28, 36, 44, 52, 60, 68, 76 (12)	$1,213.80
DA03353	Dawson 13, 21, 29, 37, 45, 53, 61, 69 (8)	$809.20
DA03354	Dawson 14, 22, 30, 38, 46, 54, 62, 70, 77, 78 (10)	$1,011.50
DA03355	Dawson 7, 15, 23, 31, 39, 47, 55, 63, 71, 79, 87, 95 (12)	$1,213.80
DA03356	Dawson 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96 (12)	$1,213.80



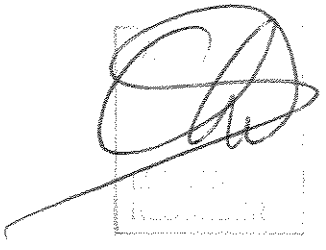
STATEMENT OF COSTS - Sury
6, 9, 10 August, 1993

Salaries				
Geologists	6 man days	@	$250.00	$ 1,500.00
Support				
Truck 1 rental	3 days	@	$60.00	$ 180.00
Fax rental	3 days	@	$10.00	$ 30.00
Meals and Accommodations				
Meals	6 man days	@	$40.00	$ 240.00
House Rental	3 days	@	$37.00	$ 111.00
Analytical Costs				
Soil	36 samples	@	$11.00	$ 396.00
Supplies				$ 356.00
Report				$ 500.00
Drafting				$ 400.00
TOTAL				$ **3,713.00**

Work performed on: Sury 14, 19, 20, 12, 22, 28

Costs alloted to the following groups:

DA03235	Sury 8,9, 15-21, 23-29	$ 1,856.50
DA03236	Sury 1-7, 10-14, 21, 22, 30, 31	$ 1,856.50



APPENDIX A

Rock Sample Descriptions

Rock Sample Descriptions: Table of Abbreviations

PROJECT (PROJ.)

KG	Klondike Gold	*LS*	Lonestar

GEOLOGIST (GEOL.)

__	Geologist's Initials

SAMPLE TYPE (S-TYPE)

CH	Channel	*CO*	Drill Core
CU	Drill Cuttings	*DG*	Dump, Grab
DH	Dump, High-Grade	*FL*	Float
GR	Grab	*RC*	Rock-Chip from outcrop

ROCK TYPE MODIFIERS (MOD1, MOD2, MOD3)

AZU	Azurite	*CHL*	Chlorite
DIB	Diabase	*FEL*	Feldspathic
FSP	Feldspar	*GRA*	Graphite
INT	Intermediate	*MAG*	Magnetite
MAL	Malachite	*MUS*	Muscovite
SEC	Sericite	*SLC*	Silicified
QTZ	Quartz		

ROCK TYPE (R-TYPE)

AND	Andesite	*BRX*	Breccia
CLY	Clay	*DIK*	Dike
GRD	Granodiorite	*LIM*	Limonite
MAR	Mariposite	*POR*	Porphyry
PYY	Pyrite concentrate	QTE	Quartzite
SCH	Schist	*ULM*	Ultramafic
VEN	Vein		

Rock Sample Descriptions

SAMPLE #	CERTIF. #	PROJ.	PROPERTY	NTS	UTM N	UTM E	CLAIM	DATE	GEOL	S-TYPE	MOD 1	MOD 2	MOD 3	R-TYPE	NOTES
VR0712A	A9322753	KG	DAWSON WEST	1150/14	7,097,500	579,820	Dawson 57	9/24/93	RLC	FL	QTZ	FEL		POR	QTZ-FSP POR, 1% PYY DISS, 1% QTZ PHN, 10%? FEL PHN
VR5591A	A9320598	KG	DAWSON WEST	1150/14	7,094,813	575,248	Sury 19	8/16/93	ALD	RC				GRD	1% OZ EYES, 1% LIM AFT PYY, @ SITE VR6339A SOIL, HILL COV'D W/ BLDER'S
VR5592A	A9320598	KG	DAWSON WEST	1150/14	7,097,322	579,845	Dawson 57	8/19/93	ALD	FL	QTZ	FEL		POR	3-5% BL QTZ EYES, 5-10% ALTD FSP IN F.G. MATRIX, QFMS UP ALONG RIDGE
VR5593A	A9320598	KG	DAWSON WEST	1150/14	7,097,143	579,076	Dawson 59	8/19/93	ALD	FL	INT			DIK	INTERMEDIATE DYKE, ANG FLOAT, 5% MAG GRAINS
VR5594A	A9320598	KG	DAWSON WEST	1150/14	7,097,200	579,235	Dawson 58	8/19/93	ALD	GR	QTZ	FEL	MUS	SCH	
VR5595A	A9320598	KG	DAWSON WEST	1150/14	7,097,263	579,379	Dawson 58	8/19/93	ALD	FL				GRD	GRANODIORITE INT., 2% QTZ EYES, 10% ALTD FSP, SIMILAR TO 5592A
VR5596A	A9320598	KG	DAWSON WEST	1150/14	7,097,266	579,444	N/A	8/19/93	ALD	FL	QTZ	MUS		SCH	30M EAST FROM VR5595 IS CONTACT

Appendix B

Analytical Certificates - Rock Samples

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: KENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

A9322753

Comments: ATTN: A. DOYLE CC: R. CRANSWICK

CERTIFICATE A9322753

KENNECOTT CANADA, INC.

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 20-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	17	Geochem ring to approx 150 mesh
274	17	0-15 lb crush and split
229	17	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	17	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	17	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	17	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	17	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	17	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	17	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	17	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	17	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	17	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	17	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	17	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	17	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	17	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	17	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	17	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	17	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	17	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	17	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	17	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	17	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	17	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	17	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	17	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	17	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	17	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	17	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	17	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	17	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	17	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	17	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	17	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	17	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	17	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: KENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project :
Comments: ATTN: A. DOYLE CC: R. CRANSWICK

Page . .ber : 1-A
Total Pages : 1
Certificate Date: 20-OCT-93
Invoice No. : I9322753
P.O. Number :
Account : KAVA

CERTIFICATE OF ANALYSIS A9322753

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
VR00712	205	274	< 5	0.4	0.63	2	150	< 0.5	< 2	0.37	0.5	< 1	144	17	0.59	10	< 1	0.41	30	0.15	185

CERTIFICATION: [signature]

Chemex Labs Ltd.

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

To: KENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project :
Comments: ATTN: A. DOYLE CC: R. CRANSWICK

Certificate Date: 20-OCT-93
Invoice No. : 19322753
P.O. Number :
Account : KAVA

CERTIFICATE OF ANALYSIS A9322753

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR00712	205	274	1	0.01	1	50	8	< 2	1	23	< 0.01	< 10	10	1	< 10	82

CERTIFICATION: Stuart Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: KENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project : KLONDIKE/DAWSON WEST
Comments: ATTN: ANN DOYLE

Certificate Date: 12-SEP-93
Invoice No. : 19320598
P.O. Number : 05-428
Account : KAVA

CERTIFICATE OF ANALYSIS A9320598

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
VR5591	205	274	< 5	< 0.2	0.57	< 2	270	< 0.5	< 2	0.06	< 0.5	1	101	6	1.22	< 10	< 1	0.42	< 10	0.28	180
VR5592	205	274	< 5	< 0.2	0.40	32	160	< 0.5	< 2	0.01	< 0.5	1	105	4	0.34	< 10	< 1	0.42	40	0.02	65
VR5593	205	274	< 5	< 0.2	0.39	4	70	< 0.5	< 2	0.05	< 0.5	< 1	121	2	1.24	< 10	< 1	0.16	20	0.19	90
VR5594	205	274	< 5	< 0.2	0.45	< 2	160	< 0.5	< 2	0.02	< 0.5	< 1	104	4	0.86	< 10	< 1	0.25	30	0.12	145
VR5595	205	274	< 5	< 0.2	0.43	4	130	< 0.5	< 2	0.01	< 0.5	1	90	3	0.34	< 10	< 1	0.24	30	0.06	60
VR5596	205	274	< 5	< 0.2	0.26	16	80	< 0.5	< 2	0.02	< 0.5	1	70	2	0.47	< 10	< 1	0.23	30	0.03	55

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

.O: KENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project : KLONDIKE/DAWSON WEST
Comments: ATTN: ANN DOYLE

Certificate Date: 12-SEP-93
Invoice No. :19320598
P.O. Number :05-428
Account :KAVA

CERTIFICATE OF ANALYSIS A9320598

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR5591	205	274	< 1	0.01	2	250	8	< 2	2	6	0.02	< 10	< 10	2	< 10	56
VR5592	205	274	< 1	0.01	1	60	18	< 2	1	3	< 0.01	10	< 10	1	< 10	10
VR5593	205	274	< 1	0.02	2	100	4	< 2	3	6	0.01	10	< 10	5	< 10	72
VR5594	205	274	< 1	0.02	1	60	38	< 2	1	4	< 0.01	10	< 10	< 1	< 10	116
VR5595	205	274	1	0.01	2	70	8	< 2	2	5	< 0.01	20	< 10	3	< 10	54
VR5596	205	274	< 1	< 0.01	1	180	12	< 2	< 1	3	< 0.01	10	< 10	2	< 10	20

CERTIFICATION: Stuart Bichler

Appendix C

Soil Sample Descriptions

Soil Sample Descriptions: List of Abbreviations

PROJECT (PROJ.)

LS Lonestar *KG* Klondike Gold

SAMPLER

__ Sampler's Initials

SAMPLE TYPE (TYPE)

SL Soil

ORGANIC CONTENT (ORG)

__ Given as %

SOIL HORIZON (HOR)

Based upon USGS classification

1)Organic Soils

O Organic (humic to fibric organic layer)

2) Mineral Soils

A Zone of clay and sequioxide depletion and/or insitu organic carbon concentration.

B Zone of sequioxide, organic carbon, and clay enrichment

C Mineral soil unefected by the above pedogenic processes

R Insitu weathered rock (too hard to break with hands)

COLOR

BK	Black	*BL*	Blue
BN	Brown	*BF*	Buff
GY	Grey	*OL*	Olive
OR	Orange	*PP*	Purple
RD	Red	*TA*	Tan
WT	White	*YW*	Yellow

DEPTH

Given in centimetres

CLAY CONTENT

L Low *M* Medium *H* High

Soil Sample Descriptions

SAMPLE#	CERTIF. #	PROJ.	PROPERTY	UTM N	UTM E	CLAIM	DATE	SAMPLER	TYPE	ORG	HOR	COLOUR	DEPTH	CLAY	MOISTURE	COMMENTS
VR6337A	A9320542	KG	DAWSON W	7,094,610	575,132	Sury 28	08/16/93	AD/PL	SL	1%	B	BN	30	L	MOIST	
VR6338A	A9320542	KG	DAWSON W	7,094,626	575,184	Sury 19	08/16/93	AD/PL	SL	3%	B	DK-BN	20	L	MOIST	
VR6339A	A9320542	KG	DAWSON W	7,094,639	575,229	Sury 19	08/16/93	AD/PL	SL	10%	A-B	DK-BN	50	L	MOIST	
VR6340A	A9320542	KG	DAWSON W	7,094,654	575,278	Sury 18	08/16/93	AD/PL	SL	6%	B-C	BN	20	L	WET	
VR6341A	A9320542	KG	DAWSON W	7,094,668	575,323	Sury 18	08/16/93	AD/PL	SL	NA	B	BN	25	M/L	WET	PERMAFROST
VR6342A	A9320542	KG	DAWSON W	7,094,682	575,371	Sury 18	08/16/93	AD/PL	SL	3%	B	DK-BN	20	L	WET	
VR6343A	A9320542	KG	DAWSON W	7,094,699	575,428	Sury 18	08/16/93	AD/PL	SL	5%	B	BN	30	L	MOIST	
VR6344A	A9320542	KG	DAWSON W	7,094,713	575,476	Sury 18	08/16/93	AD/PL	SL	2%	B	OR/BN	25	M/L	MOIST	
VR6345A	A9320542	KG	DAWSON W	7,094,728	575,520	Sury 18	08/16/93	AD/PL	SL	1%	B	OR-BN	10	L	DRY	
VR6346A	A9320542	KG	DAWSON W	7,094,741	575,568	Sury 18	08/16/93	AD/PL	SL	NA	B	OR-BN	15	L	WET	
VR6347A	A9320542	KG	DAWSON W	7,094,755	575,617	Sury 18	08/16/93	AD/PL	SL	1%	A/B	OR-BN	20	L	MOIST	
VR6348A	A9320542	KG	DAWSON W	7,094,769	575,662	Sury 18	08/16/93	AD/PL	SL	NA	B	BN	35	L	DRY	
VR6349A	A9320542	KG	DAWSON W	7,094,781	575,704	Sury 18	08/16/93	AD/PL	SL	NA	B	BN	10	L	MOIST	
VR6350A	A9320542	KG	DAWSON W	7,094,797	575,755	Sury 17	08/16/93	AD/PL	SL	1%	B	BN	20	M	MOIST	
VR6351A	A9320542	KG	DAWSON W	7,094,810	575,800	Sury 17	08/16/93	AD/PL	SL	NA	B	OR-BN	10	M	MOIST	
VR6352A	A9320542	KG	DAWSON W	7,094,826	575,856	Sury 17	08/16/93	AD/PL	SL	NA	B	OR-BN	15	L	DRY	
VR6353A	A9320542	KG	DAWSON W	7,094,840	575,901	Sury 17	08/16/93	AD/PL	SL	2%	B	OR-BN	15	M-L	DRY	
VR6354A	A9320542	KG	DAWSON W	7,094,855	575,950	Sury 17	08/16/93	AD/PL	SL	1%	B	OR-BN	25	L	DRY	
VR6355A	A9320542	KG	DAWSON W	7,094,870	576,001	Sury 17	08/16/93	AD/PL	SL	NA	B	OR-BN	15	L	MOIST	
VR6356A	A9320542	KG	DAWSON W	7,094,884	576,048	Sury 17	08/16/93	AD/PL	SL	5%	B	OR-BN	20	L	MOIST	
VR6357A	A9320542	KG	DAWSON W	7,094,897	576,092	Sury 17	08/16/93	AD/PL	SL	2%	B	OR-BN	20	L	WET	
VR6358A	A9320542	KG	DAWSON W	7,094,911	576,137	Sury 9	08/16/93	AD/PL	SL	NA	B	BN	30	M	WET	
VR6359A	A9320542	KG	DAWSON W	7,094,927	576,191	Sury 9	08/16/93	AD/PL	SL	1%	B	OR-BN	25	L	MOIST	
VR6360A	A9320542	KG	DAWSON W	7,094,940	576,236	Sury 8	08/16/93	AD/PL	SL	NA	B	OR-BN	25	M-L	WET	
VR6361A	A9320542	KG	DAWSON W	7,094,955	576,288	Sury 8	08/16/93	AD/PL	SL	3%	B	BN	20	H-M	MOIST	
VR6362A	A9320542	KG	DAWSON W	7,094,970	576,336	Sury 8	08/16/93	AD/PL	SL	NA	B	OR-BN	20	M-L	MOIST	
VR6363A	A9320542	KG	DAWSON W	7,094,982	576,378	Sury 8	08/16/93	AD/PL	SL	3%	B	BN	20	L	MOIST	
VR6364A	A9320542	KG	DAWSON W	7,094,998	576,431	Sury 8	08/16/93	AD/PL	SL	NA	B	OR-BN	15	L	DRY	
VR6365A	A9320542	KG	DAWSON W	7,095,011	576,474	Sury 8	08/16/93	AD/PL	SL	NA	B	BN	20	L	MOIST	
VR6366A	A9320542	KG	DAWSON W	7,095,024	576,518	Sury 8	08/16/93	AD/PL	SL	NA	B	OR-BN	25	L	MOIST	
VR6367A	A9320542	KG	DAWSON W	7,095,042	576,577	Sury 8	08/16/93	AD/PL	SL	NA	B	OR-BN	25	L	MOIST	
VR6368A	A9320542	KG	DAWSON W	7,095,055	576,622	Sury 8	08/16/93	AD/PL	SL	2%	B	BN	20	L	MOIST	
VR6369A	A9320542	KG	DAWSON W	7,095,068	576,666	Dawson 32	08/16/93	AD/PL	SL	NA	B	BN	20	L	DRY	
VR6370A	A9320542	KG	DAWSON W	7,095,082	576,710	Dawson 32	08/16/93	AD/PL	SL	NA	B	BN	30	L	DRY	
VR6371A	A9320542	KG	DAWSON W	7,095,099	576,768	Dawson 32	08/16/93	AD/PL	SL	NA	B	BN	15	L	MOIST	
VR6372A	A9320542	KG	DAWSON W	7,095,112	576,811	Dawson 32	08/16/93	AD/PL	SL	NA	B	BN	30	L	DRY	
VR6373A	A9320542	KG	DAWSON W	7,095,125	576,856	Dawson 32	08/16/93	AD/PL	SL	NA	B	LT-BN	20	L	DRY	
VR6374A	A9320542	KG	DAWSON W	7,097,287	579,663	Dawson 57	08/20/93	AD/PL	SL	5%	B	OR-BN	15	L	DRY	
VR6375A	A9320542	KG	DAWSON W	7,097,257	579,631	Dawson 57	08/20/93	AD/PL	SL	2%	B	LT-BN	20	L	DRY	
VR6376A	A9320542	KG	DAWSON W	7,097,218	579,599	Dawson 57	08/20/93	AD/PL	SL	NA	B	BN	20	L	MOIST	
VR6377A	A9320542	KG	DAWSON W	7,097,181	579,569	Dawson 58	08/20/93	AD/PL	SL	1%	B	RD-BN	15	L	DRY	
VR6378A	A9320542	KG	DAWSON W	7,097,136	579,533	Dawson 58	08/20/93	AD/PL	SL	NA	B	RD-BN	35	L	DRY	
VR6379A	A9320542	KG	DAWSON W	7,097,095	579,500	Dawson 58	08/20/93	AD/PL	SL	15%	B	DK-BN	30	M	WET	
VR6380A	A9320542	KG	DAWSON W	7,097,061	579,472	Dawson 58	08/20/93	AD/PL	SL	2%	B	DK-BN	30	L	WET	
VR6381A	A9320542	KG	DAWSON W	7,097,023	579,441	Dawson 60	08/20/93	AD/PL	SL	2%	B	BN	20	L	WET	
VR6382A	A9320542	KG	DAWSON W	7,096,985	579,411	Dawson 60	08/20/93	AD/PL	SL	NA	B	BN	25	L	MOIST	
VR6383A	A9320542	KG	DAWSON W	7,096,944	579,377	Dawson 60	08/20/93	AD/PL	SL	NA	B	BN	25	L	MOIST	
VR6384A	A9320542	KG	DAWSON W	7,096,907	579,347	Dawson 60	08/20/93	AD/PL	SL	NA	B	BN	30	L	WET	
VR6385A	A9320542	KG	DAWSON W	7,096,861	579,310	Dawson 60	08/20/93	AD/PL	SL	NA	B	BN	30	M-L	MOIST	
VR6386A	A9320542	KG	DAWSON W	7,096,826	579,282	Dawson 60	08/20/93	AD/PL	SL	NA	B	LT-BN	20	L	DRY	
VR6387A	A9320542	KG	DAWSON W	7,096,787	579,250	Dawson 60	08/20/93	AD/PL	SL	NA	B	LT-BN	30	L	DRY	
VR6388A	A9320542	KG	DAWSON W	7,096,750	579,220	Dawson 60	08/20/93	AD/PL	SL	NA	B	BN	20	L	DRY	
VR6389A	A9320542	KG	DAWSON W	7,096,619	579,384	Dawson 60	08/20/93	AD/PL	SL	NA	B	LT-BN	15	L	DRY	
VR6390A	A9320542	KG	DAWSON W	7,096,651	579,410	Dawson 60	08/20/93	AD/PL	SL	NA	B	BN	20	L	DRY	
VR6391A	A9320542	KG	DAWSON W	7,096,693	579,445	Dawson 60	08/20/93	AD/PL	SL	NA	B	LT-BN	25	L	DRY	
VR6392A	A9320542	KG	DAWSON W	7,096,742	579,484	Dawson 60	08/20/93	AD/PL	SL	NA	B	BN	20	L	MOIST	

VR6393A	A9320542	KG	DAWSON W	7,096,777	579,513	Dawson 50	08/20/93	AD/PL	SL	NA	B	LT-BN	20	L	DRY	
VR6394A	A9320542	KG	DAWSON W	7,096,814	579,544	Dawson 50	08/20/93	AD/PL	SL	2%	B	LT-BN	15	L	DRY	
VR6395A	A9320542	KG	DAWSON W	7,096,856	579,578	Dawson 50	08/20/93	AD/PL	SL	NA	B	LT-BN	25	L	DRY	
VR6396A	A9320542	KG	DAWSON W	7,096,895	579,610	Dawson 50	08/20/93	AD/PL	SL	2%	B	LT-BN	25	L	DRY	
VR6397A	A9320542	KG	DAWSON W	7,096,930	579,638	Dawson 49	08/20/93	AD/PL	SL	2%	B	LT-BN	20	L	DRY	
VR6398A	A9320542	KG	DAWSON W	7,096,973	579,674	Dawson 49	08/20/93	AD/PL	SL	1%	B	DK-BN	20	L	MOIST	
VR6399A	A9320542	KG	DAWSON W	7,097,225	579,354	Dawson 58	08/20/93	AD/PL	SL	1%	B	RD-BN	40	L	WET	
VR6400A	A9320542	KG	DAWSON W	7,097,183	579,318	Dawson 58	08/20/93	AD/PL	SL	1%	B	BN	20	L	WET	
VR6601A	A9320542	KG	DAWSON W	7,097,148	579,286	Dawson 58	08/20/93	AD/PL	SL	NA	B	BN	20	L	WET	
VR6602A	A9320542	KG	DAWSON W	7,097,107	579,253	Dawson 58	08/20/93	AD/PL	SL	2%	B	BN	35	M	WET	
VR6603A	A9320542	KG	DAWSON W	7,097,073	579,225	Dawson 58	08/20/93	AD/PL	SL	NA	B	BN	25	L	WET	
VR6604A	A9320542	KG	DAWSON W	7,097,030	579,188	Dawson 58	08/20/93	AD/PL	SL	NA	B	GY-BN	30	H	WET	PERMAFROST
VR6605A	A9320542	KG	DAWSON W	7,096,990	579,160	Dawson 51	08/20/93	AD/PL	SL	2%	B	BN	40	L	WET	
VR6606A	A9320542	KG	DAWSON W	7,096,956	579,125	Dawson 51	08/20/93	AD/PL	SL	10%	B	DK-BN	50	L	MOIST	
VR6607A	A9320542	KG	DAWSON W	7,096,909	579,086	Dawson 51	08/20/93	AD/PL	SL	1%	B	DK-BN	20	L-M	MOIST	
VR6608A	A9320542	KG	DAWSON W	7,096,870	579,054	Dawson 51	08/20/93	AD/PL	SL	NA	B	LT-BN	20	L	DRY	

Appendix D

Analytical Certificates - Soil Samples

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

: KENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project : KLONDIKE GOLD-SURY
Comments:

Page Nu : 1-A
Total Pages : 1
Certificate Date: 31-AUG-93
Invoice No. : I9319710
P.O. Number : 05-428
Account : KAVA

CERTIFICATE OF ANALYSIS A9319710

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
VR 6301 A	201	229	< 5	< 0.2	2.17	2	300	< 0.5	< 2	0.14	0.5	9	31	12	3.41	< 10	< 1	0.05	10	0.44	260
VR 6302 A	201	229	< 5	< 0.2	1.23	8	110	< 0.5	< 2	0.08	< 0.5	4	16	8	3.20	10	< 1	0.12	10	0.38	215
VR 6303 A	201	229	< 5	< 0.2	1.41	6	160	< 0.5	< 2	0.07	< 0.5	4	14	8	2.58	< 10	< 1	0.09	20	0.28	155
VR 6304 A	201	229	< 5	< 0.2	0.85	8	130	< 0.5	< 2	0.06	< 0.5	4	10	8	1.98	< 10	< 1	0.11	30	0.23	175
VR 6305 A	201	229	< 5	< 0.2	1.42	14	220	< 0.5	< 2	0.04	< 0.5	3	12	5	2.08	< 10	< 1	0.06	10	0.20	190
VR 6306 A	201	229	< 5	< 0.2	1.40	16	160	< 0.5	< 2	0.07	< 0.5	4	21	8	3.54	10	< 1	0.06	10	0.34	175
VR 6307 A	201	229	< 5	< 0.2	1.22	6	170	< 0.5	< 2	0.10	< 0.5	4	17	9	2.45	< 10	< 1	0.10	20	0.30	200
VR 6308 A	201	229	< 5	< 0.2	2.01	6	210	< 0.5	< 2	0.16	< 0.5	11	31	17	3.13	< 10	1	0.09	20	0.55	360
VR 6309 A	201	229	< 5	< 0.2	1.79	2	320	< 0.5	< 2	0.09	< 0.5	5	22	11	2.61	< 10	< 1	0.09	10	0.35	190
VR 6310 A	201	229	< 5	< 0.2	1.89	8	230	< 0.5	4	0.11	< 0.5	6	22	8	3.26	10	< 1	0.04	10	0.29	300
VR 6311 A	201	229	< 5	< 0.2	1.54	< 2	250	< 0.5	4	0.06	< 0.5	5	22	15	2.53	< 10	< 1	0.03	40	0.33	175
VR 6312 A	201	229	< 5	< 0.2	1.79	8	150	< 0.5	2	0.05	0.5	8	27	14	3.12	< 10	< 1	0.04	10	0.40	210
VR 6313 A	201	229	< 5	< 0.2	1.28	8	270	< 0.5	< 2	0.06	< 0.5	6	15	11	3.03	< 10	< 1	0.07	30	0.27	230
VR 6314 A	201	229	< 5	< 0.2	0.83	6	90	< 0.5	2	0.04	< 0.5	4	9	7	1.41	< 10	< 1	0.10	20	0.30	150
VR 6315 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6316 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6317 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6318 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6319 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6320 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6321 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6322 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6323 A	201	--	20	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6324 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6325 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6326 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6327 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6328 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6329 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6330 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6331 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6332 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6333 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6334 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6335 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6336 A	201	--	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: Ian Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

KENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project : KLONDIKE GOLD-SURY
Comments:

Certificate Date: 31-AUG-93
Invoice No. :I9319710
P.O. Number :05-428
Account :KAVA

CERTIFICATE OF ANALYSIS A9319710

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR 6301 A	201	229	1	< 0.01	16	270	8	2	3	13	0.08	< 10	< 10	68	< 10	82
VR 6302 A	201	229	1	< 0.01	9	340	14	2	3	9	0.07	< 10	< 10	58	< 10	60
VR 6303 A	201	229	< 1	< 0.01	9	200	14	2	3	8	0.03	< 10	< 10	30	< 10	66
VR 6304 A	201	229	1	< 0.01	9	230	34	2	2	7	0.02	< 10	< 10	21	< 10	64
VR 6305 A	201	229	< 1	< 0.01	5	170	20	< 2	2	5	0.02	< 10	< 10	38	< 10	52
VR 6306 A	201	229	1	< 0.01	11	300	16	2	2	7	0.06	< 10	< 10	64	< 10	52
VR 6307 A	201	229	< 1	< 0.01	11	240	20	2	2	10	0.03	< 10	< 10	34	< 10	62
VR 6308 A	201	229	1	< 0.01	22	460	16	4	4	13	0.07	< 10	< 10	53	< 10	70
VR 6309 A	201	229	< 1	< 0.01	14	200	16	< 2	3	10	0.03	< 10	< 10	44	< 10	58
VR 6310 A	201	229	< 1	< 0.01	10	320	26	2	2	12	0.06	< 10	< 10	67	< 10	74
VR 6311 A	201	229	< 1	< 0.01	13	360	20	2	3	6	0.03	< 10	< 10	46	< 10	44
VR 6312 A	201	229	< 1	< 0.01	16	270	18	2	2	6	0.03	< 10	< 10	47	< 10	60
VR 6313 A	201	229	< 1	< 0.01	12	320	8	2	2	7	0.01	< 10	< 10	44	< 10	50
VR 6314 A	201	229	< 1	< 0.01	9	130	22	2	1	4	0.02	< 10	< 10	19	< 10	46
VR 6315 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6316 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6317 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6318 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6319 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6320 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6321 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6322 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6323 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6324 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6325 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6326 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6327 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6328 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6329 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6330 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6331 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6332 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6333 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6334 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6335 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
VR 6336 A	201	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: Jan Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: KENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project : KLONDIKE GOLD-SURY
Comments:

Page Number : 1-A
Total Pages : 1
Certificate Date: 05-NOV-93
Invoice No. : I9323983
P.O. Number : 05-428
Account : KAVA

CERTIFICATE OF ANALYSIS A9323983

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
VR 6315 A	244	229	< 0.2	1.61	16	230	< 0.5	2	0.16	< 0.5	6	34	13	4.66	< 10	< 1	0.06	20	0.45	270	1
VR 6316 A	244	229	0.2	1.42	6	470	< 0.5	< 2	0.13	< 0.5	4	23	13	1.98	< 10	< 1	0.05	20	0.36	115	1
VR 6317 A	244	229	< 0.2	1.60	2	410	< 0.5	< 2	0.19	< 0.5	7	28	23	2.36	10	< 1	0.06	40	0.44	255	1
VR 6318 A	244	229	< 0.2	1.53	12	160	< 0.5	< 2	0.13	< 0.5	6	24	14	3.20	< 10	< 1	0.05	10	0.36	255	< 1
VR 6319 A	244	229	0.2	1.77	18	370	< 0.5	< 2	0.16	< 0.5	9	27	19	2.46	< 10	< 1	0.06	20	0.40	305	< 1
VR 6320 A	244	229	0.2	1.53	8	770	< 0.5	< 2	0.22	< 0.5	7	27	22	2.19	10	1	0.06	70	0.44	245	< 1
VR 6321 A	244	229	0.2	1.07	2	360	< 0.5	< 2	0.17	< 0.5	4	20	15	1.72	10	< 1	0.07	70	0.33	260	< 1
VR 6322 A	244	229	0.2	1.20	10	290	< 0.5	< 2	0.13	< 0.5	3	19	14	1.70	10	< 1	0.06	60	0.28	190	< 1
VR 6323 A	244	229	< 0.2	1.84	8	250	< 0.5	< 2	0.10	< 0.5	4	22	10	2.88	< 10	< 1	0.04	20	0.29	185	1
VR 6324 A	244	229	0.2	1.76	2	330	< 0.5	< 2	0.17	< 0.5	6	24	13	2.79	< 10	< 1	0.06	30	0.42	190	< 1
VR 6325 A	244	229	< 0.2	1.41	6	500	< 0.5	< 2	0.14	< 0.5	3	20	13	2.40	< 10	< 1	0.04	20	0.26	145	< 1
VR 6326 A	244	229	< 0.2	1.72	4	390	< 0.5	< 2	0.10	< 0.5	6	21	12	2.50	< 10	< 1	0.05	20	0.29	210	1
VR 6327 A	244	229	< 0.2	1.96	26	360	< 0.5	< 2	0.13	< 0.5	6	33	11	4.97	10	< 1	0.05	10	0.37	330	1
VR 6328 A	244	229	< 0.2	1.77	16	170	< 0.5	< 2	0.11	< 0.5	5	31	14	4.54	< 10	1	0.04	10	0.43	245	1
VR 6329 A	244	229	< 0.2	1.24	10	580	< 0.5	< 2	0.22	< 0.5	3	17	13	1.59	< 10	< 1	0.09	20	0.23	95	< 1
VR 6330 A	244	229	< 0.2	1.28	4	410	< 0.5	< 2	0.13	< 0.5	4	19	13	1.59	10	< 1	0.08	30	0.29	135	< 1
VR 6331 A	244	229	< 0.2	1.19	10	190	< 0.5	< 2	0.14	< 0.5	4	21	13	1.72	< 10	< 1	0.06	20	0.30	185	< 1
VR 6332 A	244	229	< 0.2	2.28	16	180	< 0.5	< 2	0.12	< 0.5	7	35	14	3.16	< 10	3	0.04	10	0.43	295	< 1
VR 6333 A	244	229	0.2	2.46	14	370	< 0.5	< 2	0.15	< 0.5	8	31	14	3.16	< 10	< 1	0.03	10	0.35	465	1
VR 6334 A	244	229	< 0.2	2.00	16	310	< 0.5	2	0.21	< 0.5	6	30	17	3.00	< 10	< 1	0.08	10	0.46	280	< 1
VR 6335 A	244	229	0.2	2.23	16	300	< 0.5	< 2	0.15	< 0.5	5	29	15	2.78	< 10	< 1	0.05	10	0.44	205	< 1
VR 6336 A	244	229	< 0.2	1.68	10	400	< 0.5	< 2	0.15	< 0.5	6	27	16	2.51	< 10	< 1	0.05	10	0.41	235	< 1

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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

o: KENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project : KLONDIKE GOLD-SURY
Comments:

Certificate Date: 05-NOV-93
Invoice No. : I9323983
P.O. Number : 05-428
Account : KAVA

CERTIFICATE OF ANALYSIS A9323983

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR 6315 A	244	229	0.01	13	420	18	< 2	3	17	0.10	< 10	< 10	83	< 10	56
VR 6316 A	244	229	< 0.01	12	290	26	< 2	2	12	0.04	< 10	< 10	40	< 10	38
VR 6317 A	244	229	0.01	16	380	28	< 2	4	14	0.07	< 10	< 10	45	< 10	54
VR 6318 A	244	229	< 0.01	14	350	36	< 2	2	10	0.07	< 10	< 10	59	< 10	58
VR 6319 A	244	229	0.01	18	380	28	< 2	3	13	0.06	< 10	< 10	48	< 10	50
VR 6320 A	244	229	0.01	18	410	22	< 2	4	18	0.07	< 10	< 10	44	< 10	50
VR 6321 A	244	229	0.01	13	220	36	< 2	3	14	0.07	< 10	< 10	38	< 10	42
VR 6322 A	244	229	< 0.01	12	250	28	< 2	2	11	0.06	< 10	< 10	35	< 10	36
VR 6323 A	244	229	0.01	12	360	16	< 2	2	9	0.06	< 10	< 10	58	< 10	52
VR 6324 A	244	229	< 0.01	13	470	28	< 2	3	13	0.04	< 10	< 10	51	< 10	50
VR 6325 A	244	229	< 0.01	10	360	40	< 2	1	16	0.03	< 10	< 10	49	< 10	32
VR 6326 A	244	229	< 0.01	13	250	24	< 2	2	10	0.06	< 10	< 10	52	< 10	38
VR 6327 A	244	229	0.01	11	440	30	< 2	2	12	0.09	< 10	< 10	87	10	48
VR 6328 A	244	229	< 0.01	15	310	14	2	3	10	0.09	< 10	< 10	84	10	48
VR 6329 A	244	229	0.01	8	270	30	< 2	2	26	0.06	< 10	< 10	43	< 10	26
VR 6330 A	244	229	< 0.01	10	170	30	< 2	2	13	0.06	< 10	< 10	35	< 10	32
VR 6331 A	244	229	< 0.01	10	240	30	< 2	3	11	0.06	< 10	< 10	36	< 10	34
VR 6332 A	244	229	0.01	15	380	8	< 2	3	11	0.07	< 10	< 10	65	< 10	62
VR 6333 A	244	229	0.01	12	410	14	< 2	3	13	0.07	< 10	< 10	71	< 10	96
VR 6334 A	244	229	0.01	20	370	22	2	3	19	0.08	< 10	< 10	64	< 10	62
VR 6335 A	244	229	0.01	15	220	34	< 2	3	15	0.06	< 10	< 10	58	< 10	48
VR 6336 A	244	229	0.01	16	250	24	< 2	3	14	0.07	< 10	< 10	54	< 10	50

CERTIFICATION: Jan Buchholz

Chemex Labs Ltd.

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

To: KENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

A93205

Comments: ATTN: ANN DOYLE

CERTIFICATE A9320542

KENNECOTT CANADA, INC.

Project: KLONDIKEGOLD DAWSON-
P.O. # : 05-428

Samples submitted to our lab in Vancouver, BC.
This report was printed on 18-NOV-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	72	Dry, sieve to -80 mesh
229	72	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	72	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	72	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	72	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	72	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	72	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	72	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	72	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	72	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	72	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	72	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	72	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	72	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	72	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	72	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	72	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	72	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	72	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	72	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	72	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	72	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	72	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	72	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	72	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	72	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	72	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	72	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	72	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	72	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	72	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	72	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	72	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	72	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	72	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: KENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project : KLONDIKEGOLD DAWSON-
Comments: ATTN: ANN DOYLE

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Invoice No. :I9320542
P.O. Number :05-428
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CERTIFICATE OF ANALYSIS A9320542

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
VR6337A	201	229	< 5	< 0.2	1.04	8	120	< 0.5	< 2	0.10	< 0.5	4	12	9	2.20	< 10	< 1	0.12	30	0.31	180
VR6338A	201	229	< 5	< 0.2	1.10	12	110	< 0.5	< 2	0.08	< 0.5	4	11	13	2.73	< 10	< 1	0.14	20	0.25	240
VR6339A	201	229	< 5	< 0.2	1.18	2	180	< 0.5	< 2	0.10	< 0.5	5	15	12	2.70	< 10	< 1	0.19	30	0.42	375
VR6340A	201	229	< 5	0.8	2.13	32	160	< 0.5	< 2	0.20	0.5	21	64	30	4.89	10	< 1	0.23	60	2.15	735
VR6341A	201	229	< 5	0.2	1.19	6	210	< 0.5	< 2	0.16	< 0.5	4	17	17	2.15	< 10	< 1	0.09	40	0.39	200
VR6342A	201	229	< 5	< 0.2	1.43	8	210	< 0.5	2	0.21	< 0.5	7	24	14	2.25	< 10	< 1	0.09	20	0.60	270
VR6343A	201	229	< 5	< 0.2	1.67	4	150	< 0.5	< 2	0.16	< 0.5	6	43	14	2.59	< 10	< 1	0.06	10	1.10	225
VR6344A	201	229	< 5	< 0.2	1.70	6	170	< 0.5	< 2	0.18	< 0.5	7	47	22	2.60	< 10	< 1	0.05	20	1.09	330
VR6345A	201	229	< 5	0.8	1.82	28	240	< 0.5	< 2	0.19	< 0.5	8	57	34	3.17	< 10	< 1	0.06	20	1.35	410
VR6346A	201	229	< 5	0.2	1.57	12	200	< 0.5	< 2	0.23	< 0.5	8	43	72	3.03	< 10	< 1	0.09	10	1.06	565
VR6347A	201	229	< 5	0.4	1.57	22	230	< 0.5	< 2	0.11	< 0.5	9	30	33	3.12	< 10	< 1	0.07	10	0.57	540
VR6348A	201	229	< 5	0.2	1.54	8	160	< 0.5	< 2	0.11	0.5	10	26	34	2.84	< 10	< 1	0.04	10	0.54	535
VR6349A	201	229	< 5	0.2	1.92	12	160	< 0.5	< 2	0.10	< 0.5	8	32	27	3.12	< 10	< 1	0.02	10	0.69	285
VR6350A	201	229	< 5	< 0.2	1.55	6	140	< 0.5	< 2	0.08	< 0.5	7	26	22	2.69	< 10	< 1	0.02	10	0.74	250
VR6351A	201	229	10	< 0.2	1.50	12	130	< 0.5	< 2	0.08	< 0.5	6	23	23	2.60	< 10	< 1	0.03	10	0.71	210
VR6352A	201	229	< 5	< 0.2	1.12	18	130	< 0.5	< 2	0.09	< 0.5	4	15	17	2.36	< 10	< 1	0.03	10	0.46	145
VR6353A	201	229	< 5	0.2	1.26	14	150	< 0.5	< 2	0.10	< 0.5	8	19	26	2.46	< 10	< 1	0.03	10	0.50	390
VR6354A	201	229	< 5	0.2	0.98	18	120	< 0.5	< 2	0.07	< 0.5	8	15	26	2.64	< 10	< 1	0.06	10	0.40	450
VR6355A	201	229	< 5	< 0.2	1.93	16	180	< 0.5	2	0.10	< 0.5	10	29	28	3.04	< 10	< 1	0.03	10	0.72	325
VR6356A	201	229	< 5	< 0.2	1.45	26	160	< 0.5	< 2	0.08	< 0.5	6	21	21	2.90	< 10	< 1	0.03	10	0.70	220
VR6357A	201	229	5	0.2	1.24	16	160	< 0.5	2	0.11	< 0.5	8	19	30	3.03	< 10	< 1	0.05	10	0.59	410
VR6358A	201	229	< 5	0.2	1.27	12	170	< 0.5	2	0.10	< 0.5	3	20	20	2.59	< 10	< 1	0.06	10	0.57	175
VR6359A	201	229	< 5	0.2	0.99	20	170	< 0.5	< 2	0.08	< 0.5	8	17	21	2.93	< 10	< 1	0.09	10	0.37	340
VR6360A	201	229	< 5	< 0.2	1.09	14	200	< 0.5	< 2	0.11	< 0.5	4	16	16	2.22	< 10	< 1	0.06	10	0.36	205
VR6361A	201	229	< 5	0.2	2.34	< 2	160	< 0.5	< 2	0.19	0.5	8	111	34	3.46	< 10	< 1	0.06	10	2.39	445
VR6362A	201	229	< 5	< 0.2	1.55	< 2	170	< 0.5	2	0.13	< 0.5	6	26	22	2.41	< 10	< 1	0.04	20	0.92	240
VR6363A	201	229	< 5	< 0.2	1.79	< 2	220	< 0.5	< 2	0.21	< 0.5	7	26	23	2.71	< 10	< 1	0.10	10	1.39	200
VR6364A	201	229	< 5	< 0.2	1.78	4	150	< 0.5	2	0.13	< 0.5	7	29	24	2.72	< 10	< 1	0.08	10	0.98	175
VR6365A	201	229	< 5	< 0.2	1.60	8	150	< 0.5	< 2	0.14	< 0.5	7	28	22	2.77	< 10	< 1	0.19	10	0.89	230
VR6366A	201	229	< 5	< 0.2	1.76	4	170	< 0.5	< 2	0.11	< 0.5	4	27	16	2.96	< 10	< 1	0.05	10	0.47	150
VR6367A	201	229	< 5	< 0.2	1.82	< 2	210	< 0.5	< 2	0.14	< 0.5	7	29	20	2.88	< 10	< 1	0.07	10	0.61	220
VR6368A	201	229	< 5	< 0.2	1.51	10	160	< 0.5	< 2	0.17	< 0.5	7	27	18	2.50	< 10	< 1	0.07	10	0.59	205
VR6369A	201	229	< 5	< 0.2	1.80	12	260	< 0.5	< 2	0.15	< 0.5	7	33	20	2.68	< 10	< 1	0.04	10	0.47	160
VR6370A	201	229	< 5	< 0.2	1.77	8	180	< 0.5	2	0.17	< 0.5	6	29	16	2.77	< 10	< 1	0.04	10	0.42	160
VR6371A	201	229	< 5	< 0.2	1.41	4	180	< 0.5	< 2	0.12	< 0.5	6	28	17	2.28	< 10	< 1	0.03	10	0.43	175
VR6372A	201	229	< 5	0.2	1.52	36	530	< 0.5	2	0.31	0.5	9	46	35	3.21	< 10	< 1	0.07	20	0.70	305
VR6373A	201	229	< 5	0.2	1.26	12	330	< 0.5	< 2	0.15	< 0.5	3	24	14	1.98	< 10	< 1	0.07	10	0.38	130
VR6374A	201	229	< 5	< 0.2	2.01	14	330	< 0.5	< 2	0.19	< 0.5	6	26	13	2.55	< 10	< 1	0.04	10	0.37	270
VR6375A	201	229	< 5	< 0.2	1.31	8	170	< 0.5	< 2	0.18	0.5	2	10	13	1.67	< 10	< 1	0.16	20	0.36	235
VR6376A	201	229	< 5	< 0.2	1.24	6	260	< 0.5	< 2	0.40	< 0.5	6	16	9	1.90	< 10	< 1	0.04	10	0.42	250

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

To: KENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project : KLONDIKEGOLD DAWSON-
Comments: ATTN: ANN DOYLE

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Invoice No. :19320542
P.O. Number :05-428
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CERTIFICATE OF ANALYSIS A9320542

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR6337A	201	229	< 1	< 0.01	8	270	16	< 2	3	11	0.03	< 10	< 10	22	< 10	56
VR6338A	201	229	< 1	< 0.01	8	330	28	< 2	2	9	0.02	< 10	< 10	19	< 10	68
VR6339A	201	229	< 1	< 0.01	8	400	24	2	3	10	0.04	< 10	< 10	31	< 10	82
VR6340A	201	229	2	< 0.01	25	740	64	< 2	9	10	0.06	< 10	< 10	49	< 10	128
VR6341A	201	229	< 1	< 0.01	12	320	24	< 2	3	12	0.04	< 10	< 10	34	< 10	56
VR6342A	201	229	< 1	< 0.01	13	400	16	2	3	16	0.06	< 10	< 10	40	< 10	60
VR6343A	201	229	< 1	< 0.01	14	350	14	< 2	4	11	0.06	< 10	< 10	47	< 10	60
VR6344A	201	229	< 1	< 0.01	17	490	10	< 2	3	11	0.05	< 10	< 10	42	< 10	62
VR6345A	201	229	1	< 0.01	23	540	18	< 2	4	12	0.04	< 10	< 10	38	< 10	86
VR6346A	201	229	< 1	< 0.01	15	580	96	< 2	4	17	0.06	< 10	< 10	37	< 10	180
VR6347A	201	229	< 1	< 0.01	20	490	42	< 2	2	11	0.03	< 10	< 10	39	< 10	124
VR6348A	201	229	< 1	< 0.01	20	580	34	< 2	2	10	0.03	< 10	< 10	42	< 10	104
VR6349A	201	229	1	< 0.01	20	380	22	2	3	8	0.06	< 10	< 10	44	< 10	82
VR6350A	201	229	1	< 0.01	16	330	14	< 2	2	7	0.02	< 10	< 10	37	< 10	62
VR6351A	201	229	1	< 0.01	15	370	20	< 2	1	13	0.02	< 10	< 10	29	< 10	62
VR6352A	201	229	1	< 0.01	12	380	18	< 2	1	8	0.01	< 10	< 10	26	< 10	46
VR6353A	201	229	< 1	< 0.01	15	480	20	< 2	2	7	0.02	< 10	< 10	29	< 10	56
VR6354A	201	229	< 1	< 0.01	16	480	30	< 2	2	8	0.02	< 10	< 10	23	< 10	58
VR6355A	201	229	< 1	< 0.01	21	240	14	< 2	3	10	0.04	< 10	< 10	45	< 10	66
VR6356A	201	229	1	< 0.01	15	330	22	< 2	2	12	0.03	< 10	< 10	33	< 10	80
VR6357A	201	229	1	< 0.01	18	580	32	< 2	2	15	0.02	< 10	< 10	29	< 10	156
VR6358A	201	229	< 1	< 0.01	12	480	22	< 2	2	13	0.03	< 10	< 10	34	< 10	62
VR6359A	201	229	< 1	< 0.01	16	550	30	< 2	2	16	0.02	< 10	< 10	27	< 10	100
VR6360A	201	229	< 1	< 0.01	13	380	38	< 2	1	11	0.02	< 10	< 10	27	< 10	74
VR6361A	201	229	< 1	< 0.01	29	590	16	< 2	4	15	0.05	< 10	< 10	69	< 10	106
VR6362A	201	229	< 1	< 0.01	16	240	10	< 2	3	11	0.04	< 10	< 10	35	< 10	56
VR6363A	201	229	< 1	< 0.01	17	470	10	< 2	3	18	0.07	< 10	< 10	38	< 10	70
VR6364A	201	229	< 1	< 0.01	19	250	18	2	3	11	0.07	< 10	< 10	43	< 10	60
VR6365A	201	229	< 1	< 0.01	18	280	10	< 2	4	13	0.08	< 10	< 10	45	< 10	60
VR6366A	201	229	< 1	< 0.01	10	260	18	< 2	4	9	0.07	< 10	< 10	56	< 10	44
VR6367A	201	229	< 1	< 0.01	18	210	6	< 2	4	11	0.08	< 10	< 10	48	< 10	54
VR6368A	201	229	< 1	< 0.01	14	400	4	< 2	3	12	0.07	< 10	< 10	46	< 10	50
VR6369A	201	229	< 1	< 0.01	18	170	4	< 2	3	12	0.08	< 10	< 10	51	< 10	46
VR6370A	201	229	< 1	0.01	14	200	10	< 2	3	15	0.07	< 10	< 10	54	< 10	44
VR6371A	201	229	< 1	< 0.01	14	140	8	< 2	4	11	0.05	< 10	< 10	40	< 10	44
VR6372A	201	229	1	< 0.01	30	810	12	< 2	7	18	0.05	< 10	< 10	44	< 10	78
VR6373A	201	229	< 1	< 0.01	12	280	16	< 2	3	18	0.03	< 10	< 10	33	< 10	44
VR6374A	201	229	< 1	< 0.01	14	180	24	< 2	3	17	0.06	< 10	< 10	52	< 10	74
VR6375A	201	229	< 1	< 0.01	6	350	34	< 2	3	15	0.01	< 10	< 10	23	< 10	76
VR6376A	201	229	< 1	0.01	8	600	18	< 2	3	24	0.04	< 10	< 10	35	< 10	72

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS A9320542

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
VR6377A	201 229	< 5	0.2	1.45	6	680	< 0.5	< 2	0.29	< 0.5	10	19	16	2.26	< 10	< 1	0.08	10	0.35	2250
VR6378A	201 229	< 5	< 0.2	1.47	14	490	< 0.5	< 2	0.39	< 0.5	12	21	9	2.72	< 10	< 1	0.06	10	0.48	720
VR6379A	201 229	< 5	0.4	1.76	22	430	< 0.5	< 2	0.33	< 0.5	9	24	15	2.73	< 10	< 1	0.08	20	0.46	465
VR6380A	201 229	< 5	< 0.2	1.27	2	310	< 0.5	< 2	0.25	0.5	4	17	11	1.90	< 10	< 1	0.06	10	0.30	205
VR6381A	201 229	< 5	< 0.2	1.08	12	210	< 0.5	< 2	0.20	< 0.5	3	15	8	1.72	< 10	< 1	0.06	10	0.32	150
VR6382A	201 229	< 5	< 0.2	1.04	8	210	< 0.5	< 2	0.20	< 0.5	5	15	9	1.62	< 10	< 1	0.04	10	0.30	170
VR6383A	201 229	10	< 0.2	1.20	16	240	< 0.5	2	0.22	< 0.5	3	16	9	1.69	< 10	< 1	0.04	10	0.31	95
VR6384A	201 229	20	0.2	1.26	34	260	< 0.5	< 2	0.26	< 0.5	4	19	13	2.02	< 10	< 1	0.05	10	0.33	125
VR6385A	201 229	10	0.2	1.07	24	230	< 0.5	2	0.25	< 0.5	4	17	13	1.61	< 10	< 1	0.05	10	0.32	125
VR6386A	201 229	< 5	< 0.2	0.96	20	220	< 0.5	2	0.24	< 0.5	4	17	11	1.47	< 10	< 1	0.05	10	0.33	130
VR6387A	201 229	< 5	< 0.2	0.94	8	200	< 0.5	2	0.20	< 0.5	3	15	9	1.37	< 10	< 1	0.04	10	0.30	110
VR6388A	201 229	< 5	< 0.2	0.89	4	160	< 0.5	< 2	0.19	< 0.5	3	14	8	1.30	< 10	< 1	0.07	10	0.29	90
VR6389A	201 229	< 5	< 0.2	0.67	2	180	< 0.5	2	0.15	< 0.5	2	10	5	1.11	< 10	< 1	0.07	10	0.19	80
VR6390A	201 229	< 5	< 0.2	0.92	4	200	< 0.5	< 2	0.16	< 0.5	3	12	9	1.57	< 10	< 1	0.08	10	0.23	160
VR6391A	201 229	< 5	< 0.2	0.81	2	200	< 0.5	2	0.20	< 0.5	3	14	8	1.23	< 10	< 1	0.05	10	0.28	80
VR6392A	201 229	< 5	< 0.2	1.19	12	280	< 0.5	< 2	0.20	< 0.5	4	16	11	1.75	< 10	< 1	0.06	10	0.29	105
VR6393A	201 229	< 5	< 0.2	1.05	8	160	< 0.5	< 2	0.18	< 0.5	3	14	8	1.64	< 10	< 1	0.06	10	0.28	135
VR6394A	201 229	< 5	0.4	1.67	4	340	< 0.5	< 2	0.25	< 0.5	6	22	12	2.24	< 10	< 1	0.11	10	0.41	340
VR6395A	201 229	< 5	< 0.2	1.09	8	260	< 0.5	2	0.23	< 0.5	5	16	8	1.67	< 10	< 1	0.06	10	0.28	255
VR6396A	201 229	< 5	< 0.2	1.09	6	250	< 0.5	< 2	0.24	< 0.5	4	17	7	1.53	< 10	< 1	0.06	10	0.31	195
VR6397A	201 229	< 5	< 0.2	0.93	4	220	< 0.5	< 2	0.21	< 0.5	3	13	7	1.45	< 10	< 1	0.10	10	0.26	260
VR6398A	201 229	10	0.2	1.19	12	360	< 0.5	< 2	0.27	0.5	6	15	14	1.80	< 10	< 1	0.08	10	0.33	460
VR6399A	201 229	< 5	< 0.2	3.22	12	290	< 0.5	< 2	0.60	< 0.5	10	9	6	4.86	10	< 1	0.07	20	0.95	730
VR6400A	201 229	< 5	< 0.2	1.51	8	280	< 0.5	< 2	0.34	< 0.5	7	18	11	2.32	< 10	< 1	0.04	10	0.45	375
VR6601A	201 229	< 5	< 0.2	1.41	6	330	< 0.5	< 2	0.30	< 0.5	5	16	11	2.20	< 10	< 1	0.03	10	0.37	205
VR6602A	201 229	< 5	< 0.2	0.92	12	210	< 0.5	< 2	0.19	< 0.5	4	14	10	1.52	< 10	< 1	0.03	10	0.30	145
VR6603A	201 229	15	0.2	1.06	12	230	< 0.5	< 2	0.19	< 0.5	4	17	12	1.61	< 10	< 1	0.03	10	0.30	145
VR6604A	201 229	15	0.4	1.21	14	290	< 0.5	< 2	0.23	< 0.5	3	17	12	1.58	< 10	< 1	0.04	10	0.30	110
VR6605A	201 229	15	< 0.2	0.97	20	230	< 0.5	< 2	0.18	< 0.5	5	15	11	1.55	< 10	< 1	0.04	10	0.26	195
VR6606A	201 229	20	0.6	1.38	28	420	< 0.5	< 2	0.31	0.5	5	17	16	1.84	< 10	< 1	0.04	10	0.28	155
VR6607A	201 229	10	< 0.2	1.07	22	180	< 0.5	2	0.20	< 0.5	3	14	8	1.50	< 10	< 1	0.04	10	0.30	80
VR6608A	201 229	25	0.6	1.73	36	440	< 0.5	< 2	0.30	0.5	3	19	23	2.09	< 10	< 1	0.08	10	0.29	90

CERTIFICATION: Ian Buchler

Chemex Labs Ltd.

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

To: KENNECOTT CANADA, INC.

354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project : KLONDIKEGOLD DAWSON-
Comments: ATTN: ANN DOYLE

Certificate Date: 10-SEP-93
Invoice No. :I9320542
P.O. Number :05-428
Account :KAVA

REVISED COPY

CERTIFICATE OF ANALYSIS A9320542

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VR6377A	201	229	< 1	0.01	14	390	12	< 2	3	25	0.02	< 10	< 10	40	< 10	84
VR6378A	201	229	< 1	0.01	9	770	14	< 2	4	27	0.02	< 10	< 10	46	< 10	106
VR6379A	201	229	< 1	0.01	10	630	30	< 2	4	26	0.02	< 10	< 10	45	< 10	132
VR6380A	201	229	< 1	0.01	8	310	16	< 2	3	21	0.03	< 10	< 10	33	< 10	94
VR6381A	201	229	< 1	< 0.01	7	390	16	< 2	2	16	0.04	< 10	< 10	33	< 10	84
VR6382A	201	229	< 1	< 0.01	6	310	24	< 2	2	15	0.04	< 10	< 10	32	< 10	60
VR6383A	201	229	< 1	< 0.01	7	390	28	< 2	2	18	0.06	< 10	< 10	32	< 10	58
VR6384A	201	229	< 1	0.01	8	470	38	< 2	2	20	0.05	< 10	< 10	36	< 10	62
VR6385A	201	229	< 1	< 0.01	9	370	34	< 2	2	18	0.04	< 10	< 10	31	< 10	58
VR6386A	201	229	< 1	< 0.01	8	350	20	< 2	2	18	0.05	< 10	< 10	28	< 10	62
VR6387A	201	229	< 1	< 0.01	7	280	16	< 2	2	15	0.04	< 10	< 10	26	< 10	58
VR6388A	201	229	< 1	< 0.01	7	260	10	< 2	1	15	0.04	< 10	< 10	25	< 10	44
VR6389A	201	229	< 1	< 0.01	4	160	10	< 2	1	12	0.03	< 10	< 10	23	< 10	30
VR6390A	201	229	< 1	< 0.01	7	280	16	< 2	1	14	0.03	< 10	< 10	32	< 10	40
VR6391A	201	229	< 1	< 0.01	6	250	14	< 2	2	15	0.04	< 10	< 10	24	< 10	36
VR6392A	201	229	< 1	< 0.01	8	410	14	< 2	2	18	0.03	< 10	< 10	31	< 10	46
VR6393A	201	229	< 1	< 0.01	6	360	16	< 2	1	14	0.04	< 10	< 10	31	< 10	44
VR6394A	201	229	< 1	< 0.01	10	440	18	< 2	3	22	0.04	< 10	< 10	40	< 10	82
VR6395A	201	229	< 1	< 0.01	8	440	24	< 2	2	18	0.04	< 10	< 10	31	< 10	54
VR6396A	201	229	< 1	< 0.01	7	270	16	< 2	2	19	0.04	< 10	< 10	29	< 10	58
VR6397A	201	229	< 1	< 0.01	6	300	10	< 2	2	17	0.04	< 10	< 10	30	< 10	66
VR6398A	201	229	< 1	0.01	10	400	26	< 2	3	22	0.04	< 10	< 10	31	< 10	100
VR6399A	201	229	< 1	0.01	4	2110	14	< 2	9	33	< 0.01	< 10	< 10	85	< 10	122
VR6400A	201	229	< 1	0.01	8	610	24	< 2	3	24	0.04	< 10	< 10	39	< 10	94
VR6601A	201	229	< 1	< 0.01	9	440	16	< 2	2	26	0.03	< 10	< 10	39	< 10	106
VR6602A	201	229	< 1	< 0.01	7	380	20	< 2	2	14	0.03	< 10	< 10	27	< 10	52
VR6603A	201	229	< 1	< 0.01	9	330	24	< 2	2	15	0.03	< 10	< 10	29	< 10	60
VR6604A	201	229	1	< 0.01	8	350	32	< 2	2	19	0.04	< 10	< 10	26	< 10	68
VR6605A	201	229	< 1	< 0.01	8	350	34	< 2	2	15	0.03	< 10	< 10	30	< 10	58
VR6606A	201	229	< 1	0.01	8	530	40	< 2	2	28	0.03	< 10	< 10	27	< 10	64
VR6607A	201	229	< 1	< 0.01	7	380	28	< 2	1	15	0.04	< 10	< 10	28	< 10	56
VR6608A	201	229	< 1	0.01	10	490	50	< 2	3	30	0.04	< 10	< 10	30	< 10	78

CERTIFICATION: Ivan Buchler

needs approval

COPY

YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE

NAME(S): Hilker
MINFILE #: 115O 080
MAJOR COMMODITIES: -
MINOR COMMODITIES: -
TECTONIC ELEMENT: Yukon Tanana Terrane
NTS MAP SHEET: 115 O 14
LATITUDE: 63°59'18"N
LONGITUDE: 139°22'40"W
DEPOSIT TYPE: Unknown
STATUS: Uncertain

CLAIMS (PREVIOUS AND CURRENT)

NUG, DAWSON, 83

WORK HISTORY

Staked as Nug cl (Y65405) in May/72 by Sullivan and Rogers and optioned by a joint venture between Anglo American and Exploram, who performed a magnetic survey and mapping in 1973-74. Restaked as Dawson & 83 cl (YA79281) in Sep/83 by Perron Gold Corp and Texoro Res L, which explored with geochem and airborne EM surveys in 1983 and mag and VLF-EM surveys in 1986.

In fall, 1990, a joint venture consisting of Ebony Gold and Klondike Reef Mines conducted IP and resistivity surveys on the Dawson 9-12 and Ebony 21-22 claims. The Dawson 1-140 and 201-248 claims were transferred to Kennecott Canada Inc. in May/93 as part of an option agreement. Kennecott performed a program of geological mapping on the Dawson cl in the summer of 1993.

GEOLOGY

The area is underlain by Klondike Schist (muscovite-feldspar-quartz schist) of Permian age, cut by pyritic porphyry dykes and narrow quartz veins. Debicki (1984) mapped a northwest-trending band of carbonaceous rocks (Nasina Series) along the southwest border of the Dawson claims.

The 1990 geophysical survey tested IP and resistivity responses in an area of known placer potential.

Soil geochemistry conducted in 1993 by Kennecott Canada Inc. showed that the area of the Sury and Dawson claims was anomalous in base and precious metals.

REFERENCES

DEBICKI, R.L., 1984. Bedrock geology and mineralization of the Klondike area (west), 115 O/14, 15 and 116B 2,3. Exploration and Geological Services Division, DIAND, Open File.

KENNECOTT CANADA INC., Jun/94. Assessment Report #093209 by R. Cranswick and A. Doyle.

KLONDIKE REEF MINES LTD, 1991. Assessment Report #092972 by D.G. Mark.

YUKON EXPLORATION 1987, p. 296-299.

needs approval

YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE

NAME(S): Bald Eagle
MINFILE #: 115O 090
MAJOR COMMODITIES: Au,Pt
MINOR COMMODITIES: Pb,Ba
TECTONIC ELEMENT: Yukon Tanana Terrane
NTS MAP SHEET: 115 O 14
LATITUDE: 63°55'18"N
LONGITUDE: 139°21'21"W
DEPOSIT TYPE: Vein
STATUS: Drilled prospect

CLAIMS (PREVIOUS AND CURRENT)

GREAT NORTHERN, BALD EAGLE, NUGGET, SKUKUM LEDGE, WILLIAM, WILD, WILDCARD, SYNDICATE, FILLER, PLINC, 98, SURY

WORK HISTORY

Staked as Great Northern cl (174) in Jun/1899 by W.F.D. Cummings and restaked as Bald Eagle (4465,371A) in Aug/1900 and Dunsmuir cl (6553) in Jan/03 by A. Robertson, who explored with a 50 m shaft and 54 m of drifting on two levels in 1901-06. Three claims were later surveyed and taken to lease. Several other claims were staked nearby at this time, including the Nugget cl and Skukum Ledge cl. These claims were also explored with shallow shafts and trenches, including a 20 m shaft on the Skukum Ledge cl and 20 and 25 m shafts on adjoining claims.

Restaked as Syndicate cl (YA79246) in Sep/83 by Can Longhorn Pet L, which performed geochem and EM surveys in 1983 and drilled 5 holes (371 m) in 1984. The adjoining Plinc cl (YA84100) and Sury cl (YA88123), staked by the Dawson Synd on the west side in Jun/84, and 98 cl (YA79549), staked by H.L. Corp and Dawson Synd in Sep/83, were explored with geochem and airborne EM surveys and mapping in 1984. Can Longhorn changed its name to Can Ferrite Corp in 1984. Similar grid surveys were performed on the Syndicate and 98 groups in 1986. Dawson Synd mapped and sampled on the 98 claims in 1988.

In fall, 1990, a joint venture group consisting of Arbor Resources Inc. and Faith Mines (Syndicate claims) and Appian Resources and Klondike Reef Mines ("98" claims) conducted IP and resistivity surveys on the southeast boundary of the Syndicate and "98" claims. Arbor trenched on the 98 claims in 1991 and on the Syndicate 56 claim and Hastings Management Corp. trenched on the Sury claims in 1992.

Kennecott Canada Inc. optioned the property in Nov/92. The Sury 1-31, "98" 1-60, William 1-8 (YA79377), Wild (YA79609), Wildcard (YA79610), Syndicate 1-83, Filler 1-8, Nugget 1-10 and Plinc 1-68 cl were transferred to Kennecott Canada Inc. in May/93 as part of the option agreement. In Aug/93, Kennecott Canada Inc. performed a program of prospecting, rock and soil geochemical sampling, geological mapping and reprocessing of 1987 helicopter geophysics on the Sury cl.

GEOLOGY

The area is underlain by muscovite schist and quartz augen-bearing quartz-muscovite schist of Permian age (Klondike Schist). Early exploration was concentrated on a southwest-dipping quartz vein reported to be at least 2.4 m thick. No assay data is available for the showing.

The GSC recognized cerussite in pan concentrates from Adams Creek upstream from the shaft and reported that quartz-barite veins were found by placer miners nearby. Samples from two 3 m wide quartz veins on the Nugget cl on Little Skookum Gulch were reported to assay as high as 68.6 g/t platinum.

The 1983 staking was based on anomalous gold values in heavy mineral concentrates associated with a strong 1.2 km long conductor. The 1984 drilling intersected chlorite-quartz-sericite schist with narrow graphitic bands and disseminated pyrite.

The 1990 geophysical survey tested IP and resistivity responses in an area of known placer potential. A 1 m chip sample taken across a contact between graphite schist and quartz augen schist in Trench 91TR11 on

GEOLOGY (continued)

the 98 claims assayed 0.69 g/t Au. Backhoe trenching on the Sury claims exposed fresh, unaltered quartz-augen schist.

Soil geochemistry conducted in 1993 by Kennecott Canada Inc. showed that the area of the Sury and Dawson claims was anomalous in base and precious metals.

REFERENCES

ARBOR RESOURCES INC., Mar/92. Assessment Report #093026 by S. Tomlinson.

DAWSON DAILY NEWS, 1905-1906.

DAWSON DAILY RECORD, 1903.

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YUKON EXPLORATION AND GEOLOGY 1983, p. 265; 1984, p. 203-206.

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