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GEOLOGICAL AND GEOCHEMICAL REPORT

EXCELSIOR 1–30 CLAIMS

Grant # YC94439–YC94468

NTS 115O / 05

63° 24' N / 139° 48' W

Dawson Mining District

Claim owner:

Michael Schuss
Canadian International Minerals Inc.

Report By:

A. Brand, M.Sc.

Mackevoy Geosciences Ltd.

Fieldwork performed: May 30, 2010 to June 1, 2010

Date of report: July 09, 2010

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Figures and Tables

Introduction

Canadian International Minerals Inc. contracted Mackevoy Geosciences Ltd. to visit the Excelsior property prior to the expiration of the claims on June 4, 2010. The purpose of the site visit was to assess the property accessibility and terrain, characterize the local geology, and ultimately gauge the property's potential for hosting gold-mineralization akin to recent gold discoveries in the area including the Golden Saddle and Coffee Creek prospects.

Summary of Previous Work

The area encompassed by the Excelsior Claim Block was originally staked as Gigantic and Buster June 1907 by J.A. Anderson, who restaked the Gigantic in October 1909 and drove a 4.3 m adit prior to 1912. Maclachlan took samples (Maclachlan, 1914) took samples for assay; these results were published by the Yukon Government. No MacLean describes an adit which was driven in 1917 into quartz porphyry (see below; Geology). The property was restaked as Excelsior cl 1-30 (YC94439) in Jun/2009 by B. Naughty.

List of Claims

Table 1 lists the details of the Excelsior Property claims and Figure 1 shows the distribution of claims on the property.

Table 1. Claim information on the Excelsior Property

Claim Name	Grant Number	Claim Holder	Operator
EXELSIOR 1	YC94439	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 2	YC94440	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 3	YC94441	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 4	YC94442	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 5	YC94443	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 6	YC94444	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 7	YC94445	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 8	YC94446	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 9	YC94447	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 10	YC94448	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 11	YC94449	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 12	YC94450	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 13	YC94451	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 14	YC94452	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 15	YC94453	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 16	YC94454	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 17	YC94455	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 18	YC94456	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 19	YC94457	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 20	YC94458	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 21	YC94459	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 22	YC94460	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 23	YC94461	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 24	YC94462	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 25	YC94463	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 26	YC94464	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 27	YC94465	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 28	YC94466	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 29	YC94467	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.
EXELSIOR 30	YC94468	Canadian International Minerals Inc.	Mackevoy Geosciences Ltd.

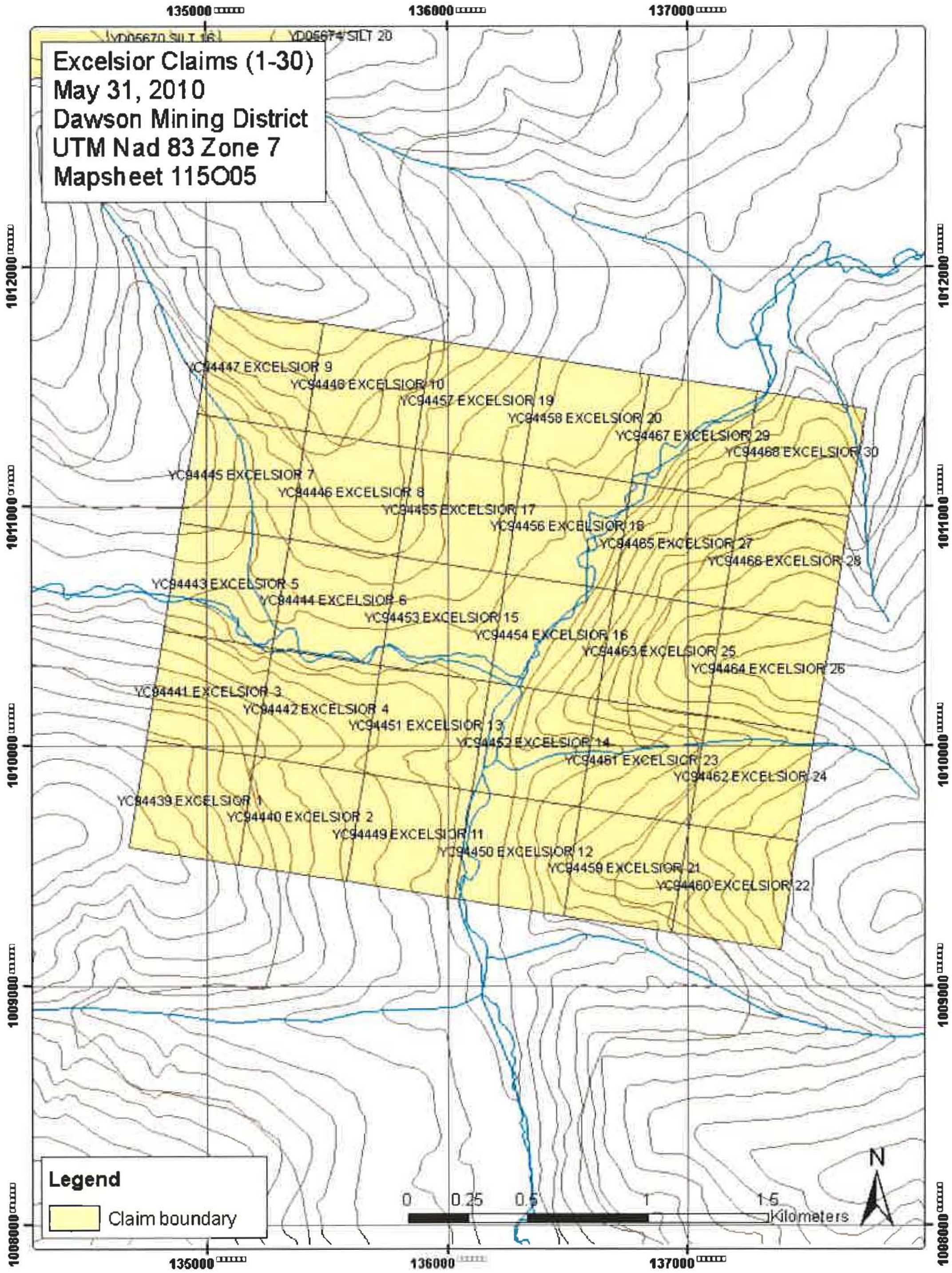

Fig. 1: Claim distribution of the Excelsior Property

Geology

The Excelsior property lies within the Yukon-Tanana Terrane, which comprises mainly complexly deformed Paleozoic meta-igneous and metasedimentary rocks. The general area was most recently mapped by J. Ryan and S. Gordey (2004) of the Geological Survey of Canada beginning in 2000. J. Ryan reported that the Stewart River area is underlain by twice-transposed, amphibolite-facies gneiss and schist of mostly Paleozoic age. These are intruded by younger plutonic rocks (Jurassic, Cretaceous and Eocene) and overlain by upper Cretaceous volcanic rocks. Metasiliclastic rocks are widespread and dominated by psammite and quartzite, with lesser pelite and rare conglomerate. Preliminary detrital zircon geochronology and geochronology for plutonic rocks constrain the siliclastic rocks to the Middle Paleozoic. Amphibolite interdigitates with and stratigraphically overlies the siliclastic rocks. Marble horizons occur within the amphibolite and siliclastic rocks. Orthogneissic rocks with diorite, tonalite and granodiorite protoliths intrude both the siliclastic and amphibole assemblages; it is interpreted as a subvolcanic intrusive complex.

Geological mapping by J. Ryan and S. Gordey shows the area surrounding the occurrence is underlain by Devonian to Mississippian orange K-feldspar rich, granitic orthogneiss commonly with biotite, banded to layered and commonly includes or associated with K-feldspar augen gneiss. Interestingly, information from “Lode mining in Yukon. Mines Branch Publication” (MacLachlan, 1914) describes minor work done on Excelsior creek. These four claims are mentioned in the Yukon archives on the Minfile report; however, the claim information is not registered as it is too old and has not been digitized. The original reference is shown below in figures 2 and 3. The description of the location is concurrent with the later locations of the Minfile occurrence. The porphyry body described was not seen on the day of field work by the authors of this report, but should be easy to locate in subsequent visits using this information. Therefore, the adit described by MacLachlan should be identifiable with further investigation on foot; however, it may be extremely overgrown.

MacLachlan reported that the adit was driven on a belt or dyke of quartz porphyry about 94 m wide. The porphyry was traced for about 1000 m. The accuracy of the description is quite possible and a porphyry dyke could have been missed by regional mapping. MacLachlan did not observe any mineralization in the surrounding area and five samples collected by him from the various rock types in and around the adit returned trace amounts of gold and nil silver.

The Excelsior property was staked in order to explore for intrusive related gold mineralization similar to that discovered at Underworld Resources Ltd' White Gold (Minefile Occurrence #115O 165, 166 etc.) and Kaminak Gold Corporation's Coffee (Minfile Occurrence #115J 110) property located in the region.

Property here was visited by Mr. D. MacLachlan, who describes it as follows:—

Excelsior creek flows in a northeasterly direction, and enters the left limit of Yukon river, about 53 miles above Dawson. Five miles up the creek, from its mouth, 4 claims have been staked by Messrs. J. A. Anderson and MacIntosh. These are named: Fernie, Midnight Wonder, Gigantic, and Buster.

A belt or dyke of quartz porphyry, about 300 feet wide, strikes easterly and westerly across the creek. This was traced for several thousand feet. The contact to the south is granite, while that to the north is a dark, fine grained rock, which in the field has somewhat the appearance of a dark grey limestone, and is locally known as such. On application of dilute hydrochloric acid, the effervescence was so slight as tc indicate a very small percentage of lime.

The belt of porphyry constitutes the material prospected for gold values.

A tunnel was started, by Mr. Anderson, into the side hill, on the left limit of the creek, and driven 14 feet. This entry is in a bluff, which attains a height of about 40 feet. It is distant about 100 feet from the creek bed. Five samples, considered typical of the mass, were taken, as follows:—

No. 348, about 1,200 feet westerly from the tunnel, the elevation here being 370 feet higher than the latter.

No. 349, about 60 feet upstream from the entry in a direction parallel with the stream itself.

No. 350, taken across 4 feet width of the tunnel face.

No. 351, taken about 30 feet down stream from the entry.

No. 352, taken about 1,200 feet easterly from the tunnel, and at an elevation 590 feet above the latter.

None of the above samples, when assayed, gave any values above traces, neither was any gold seen in pannings, and, so far as noted, there is practically no mineralization. (Assay sheet No. 27.)

Fig. 2. Description of work completed by MacLachlan in 1914.

PICKERING PROPERTY ON YUKON SAMPLES, EXCELSIOR CREEK ET AL.—ASSAY SHEET No. 27.

Sample No.	Material.	Colour.	Weight.		Minerals in pan.	Location.	Assay in ounces (a) per ton of		Value per ton.	Width of sample.		Check assay (b)		Remarks.
			Lbs.	Ozs.			Au.	Ag.	$ c.	Ft.	In.	Au.	Ag.	
342	Schistose material	Yellowish to dark	9	14	–	Face of cliff adjoining S. side No. 1 drift	nil	nil	–	10	0	trace	nil	Pickering.
343	Quartz and schist	Rusty to black ...	3	14	–	Roof of drift at entry..	nil	nil	–	5	6	trace	nil	Pickering.
344	Quartz and schist	Dark greenish	2	6	–	In crosscut 70′ from entry drift..........	trace	trace	–	4	0	trace	nil	Pickering.
345	Quartz..........	Grey bluish.......	4	6	–	Entry No. 2 drift......	trace	trace	–	4	0	0·02	nil	Pickering.
346	Quartz............	Dark rusty........	–		–	Stringers 25′ S. of No. 2 drift..............	trace	trace	–	0	8	trace	nil	Stringer of quartz dark graphitic schist.
348	Porphyry........	Grey to brownish	4	0	–	1,200′ westerly from tunnel..............	trace	nil	–	–		trace	nil	Excelsior creek.
349	Porphyry.........	Grey to brownish	4	2	–	60′ upstream from tunnel..................	nil	nil	–	–		nil	nil	Excelsior creek.
350	Porphyry.........	Grey to brownish	4	6	–	Face of tunnel.........	trace	nil	–	4	0	trace	nil	Excelsior creek.
351	Porphyry.........	Grey to brownish	6	4	–	30′ down stream from tunnel..............	nil	nil	–	–		trace	nil	Excelsior creek.
352	Porphyry.........	Grey to brownish	4	12	–	1,200′ easterly from tunnel..............	nil	nil	–	–		trace	nil	

Fig. 3. Table of samples collected during the 1914 field work by MacLachlan. (see #348 onward)

Description of Data Collected

During fieldwork, access to the property was limited by a lack of suitable helicopter landing sites. The property is densely forested, with the only suitable landing spots being adjacent to drainages at the bottoms of valleys (Figure 4). Previous forest fires have left enough dead trees standing that clear spots large enough to land a helicopter are uncommon. Many spots could easily be cleared for landing spots if a larger exploration program were undertaken.

Fig. 4. Photograph of the Excelsior Property looking west across the Excelsior Creek Valley.

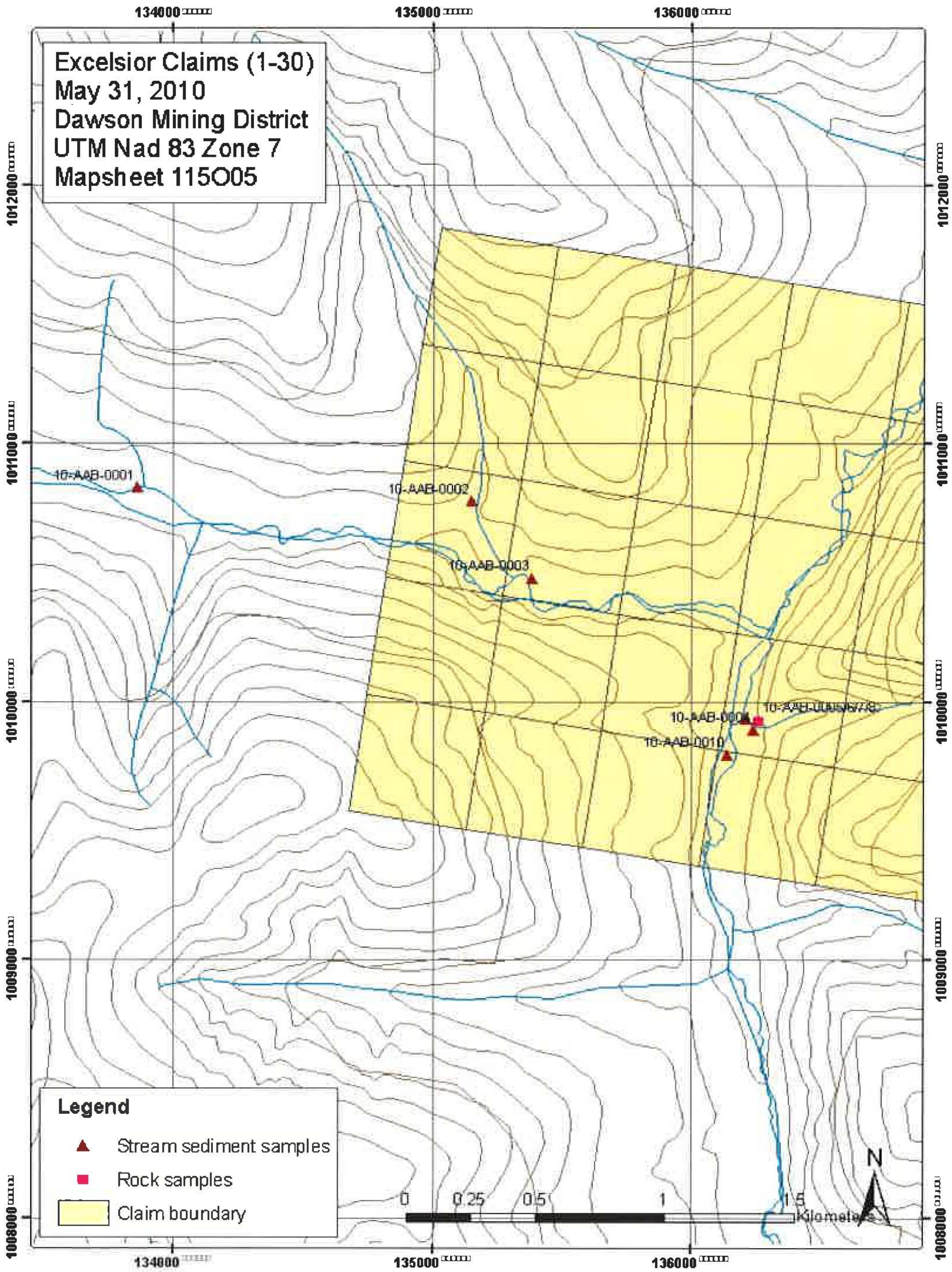

Fig. 5. Sample locations of rock samples and silt samples.

Steam sediments were sampled at drainages adjacent to landing spots. A total of 6 sediment samples were taken from 6 separate drainages on (and one off) the property (see Figure 5.) The sediments were mainly grayish-brown sandy silt with higher organic contents in the smaller drainages. Samples were collected by hand and were roughly 0.5-1 kg in mass.

One outcrop was accessed during the property visit. Four rock samples representing various units were collected during the visit; all samples were collected from one location (see Fig. 5). It is situated at the terminus of a ridge-crest above the intersection of two drainages. The outcrop is comprised of foliated, medium-grained biotite-muscovite schist intruded by two or more phases of granitic dikes and sills. Biotite in the schist was slightly chloritized and the dominant foliation was defined by the alignment of micaceous minerals and oriented roughly 005/31 (strike and dip, right hand rule). Strong fracture sets also occur in the schist oriented at 295/80 and 220/50. Decimeter-scale beige aplitic dikes occur at decimeter to meter scale spacings and are oriented parallel to the dominant foliation (Figure 6). The aplitic dikes are fine-grained and dominated by quartz and feldspar. 5 to 10% fine grained mafic minerals are present in the aplite, but all have been replaced by chlorite. A separate unit of foliated granite occurs parallel to the aplite dikes and is roughly 40 to 80 cm thick. The foliated granite is medium grained and hosts an augen texture indicating the unit could conversely be classified as a granitic orthogneiss. It is plagioclase-rich and comprised of up to 20% chlorite. Rare autoliths of the biotite-schist occur within the foliated granite, confirming the intrusive relationship between the two units.

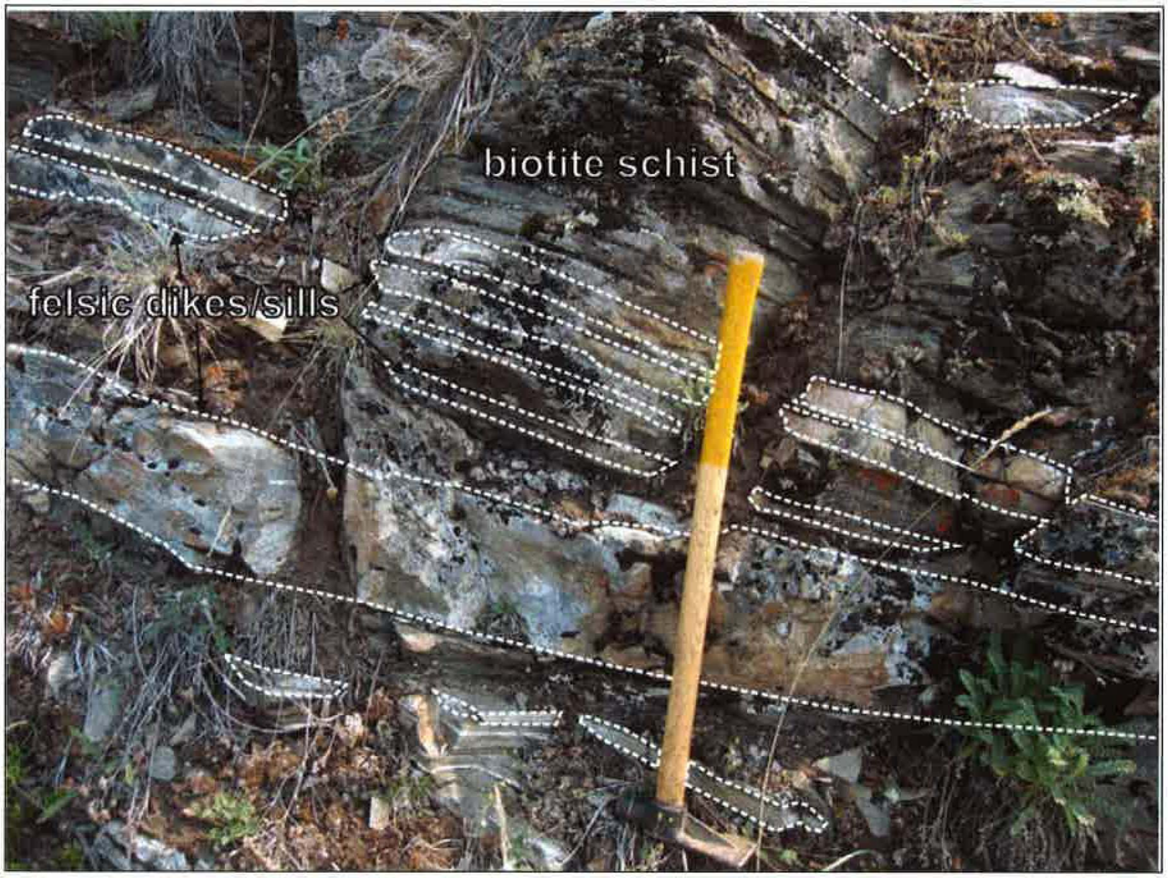

Fig. 6. Photograph of interfingered biotite schist and felsic dikes (Facing E).

The southernmost part of the outcrop hosts a separate, highly bleached granitic unit. This unit cuts the foliated granite and does not have a regular, planar orientation (Figure 7). The unit is massive, and dominated by milky white feldspar (albite?). The bleached granite also contains roughly 15% medium to coarse-grained muscovite and 5 to 10% fine-grained chlorite. Rare crystals of weathered pyrite and chalcopyrite up to 2 mm in diameter occur in the bleached granite. Small zones in and around the bleached unit host patches of vuggy, euhedral quartz-crystals exhibiting open-space filling textures.

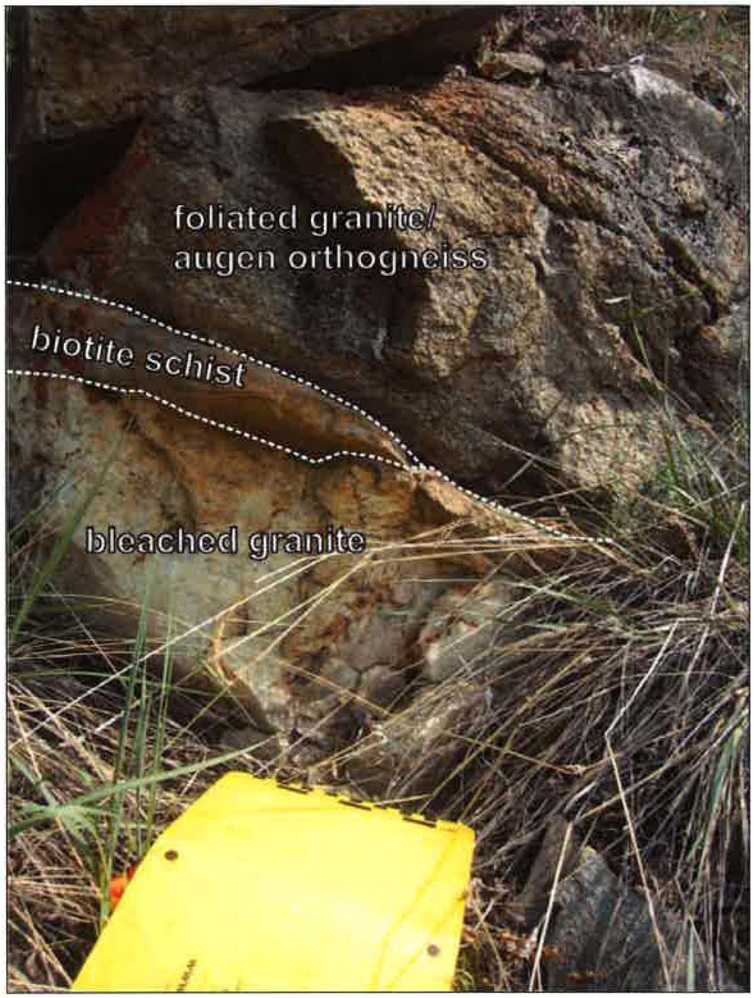

Fig. 7. Photograph of foliated granite/biotite schist/bleached granite contact (Facing NE).

Several other outcrops were observed from the air, adjacent to the central drainage (Excelsior Creek) near the bottom of the valley. These outcrops were not accessed by foot, but were observed to be similar to the outcrop described above. This indicates that there is a widespread occurrence of felsic dikes intruding host schist in the vicinity of Excelsior Creek on the Excelsior Property.

Sample Locations and Descriptions

Figure 5 shows the locations of all samples described in this report. Table 2 (below) indicates sample types, locations and descriptions for the 6 sediment and 4 rock samples collected during the study.

Table 2. Sample coordinates, types, and descriptions collected from the Excelsior Property. (Coordinates are given in UTM NAD83 Zone 7)

Sample ID	Easting	Northing	Type	Description
10-AAB-0001	557462	7030250	Sediment	Brown grey, sandy silt from wide stream
10-AAB-0002	558750	7030369	Sediment	Dark brown, organic-rich muddy-silt from small stream
10-AAB-0003	559022	7030104	Sediment	Dark grey, organic-rich sandy silt from small stream
10-AAB-0004	559949	7029638	Sediment	Brown-grey, sandy silt from small stream
10-AAB-0005	559964	7029675	Rock	fine-grained chlorite aplite
10-AAB-0006	559964	7029675	Rock	bleached muscovite-rich granite
10-AAB-0007	559964	7029675	Rock	foliated granite/augen orthogneiss
10-AAB-0008	559964	7029675	Rock	biotite-muscovite schist
10-AAB-0009	559914	7029678	Sediment	Brown, sandy silt from wide stream
10-AAB-0010	559862	7029529	Sediment	Brown, silty sand from wide stream

Sample Assay Data

Samples submitted to ALS in Whitehorse on June 3, 2010. Au was analyzed via Fire Assay (program #Au-ICP-21); rock samples were analyzed via ICP-MS (Program #MEMS-81), and silt samples were analyzed via ICP-MS (program # MEMS-41). Assays are presented below in Table 3 (rock sample data) and Table 4 (silt sample data).

No significant direct Au values are seen in either data set; all samples are trace to nil. However, the data set is small and from an isolated number of locations. Rock sample data shows several features. The aplite (10-AAB-0005) is depleted in Ba relative to the other units, including the schist, which register values between ~900 and 1000 ppm Ba, as well as Zr. The aplite is more enriched than the other intrusive units in Th and trace rare elements, Ca and Mg, as well as Cr, V, and Zn, which are significantly higher in the metasedimentary host rocks than the other intrusive rocks. This suggests the aplite is possibly a more evolved igneous phase, and/or is scavenging some elements from the metasedimentary rocks it is inter-fingering with. If the latter is true, this indicates the possibility of hydrothermal activity, which has mineralizing potential. Silt sample data is largely uniform; one sample (10-AAB-0002) has an As value elevated above the others at 28 ppm (others range between 5-9 ppm), however no other anomalous values were noted.

Table 3. Sample assay data: Rock samples (Au by fire assay, all others ICP)

	10-AAB-0005	10-AAB-0006	10-AAB-0007	10-AAB-0008
SiO_2 (% ox.)	73.40	74.40	74.10	59.30
Al_2O_3	14.75	15.00	14.60	14.10
Fe_2O_3	1.98	1.15	1.20	7.35
CaO	2.18	1.54	0.85	5.47
MgO	1.22	0.44	0.47	5.55
Na_2O	5.32	5.66	6.93	2.60
K_2O	0.95	1.01	0.70	1.62
Cr_2O_3	0.01	0.01	0.01	0.03
TiO_2	0.16	0.07	0.10	0.73
MnO	0.03	0.02	0.02	0.12
P_2O_5	0.06	0.02	0.09	0.16
SrO	0.04	0.06	0.04	0.04
BaO	0.07	0.12	0.11	0.10
LOI	1.08	0.70	1.10	2.08
Total	101.50	100.00	100.50	99.30
Au (ppm)	0.007	<0.001	0.003	<0.001
Ag	<1	<1	<1	<1
Ba	578	996	902	840
Ce	7.1	2.4	2.9	29
Co	5.5	2.6	1.8	24
Cr	50	20	20	190
Cs	1.03	0.54	0.31	0.87
Cu	13	13	6	25
Dy	0.72	0.21	0.45	3.18
Er	0.42	0.13	0.25	1.98
Eu	0.23	0.08	0.11	0.92
Ga	16.7	17.8	21.7	15.7
Gd	0.82	0.27	0.44	3.45
Hf	2.2	3.3	3.3	2.7
Ho	0.14	0.04	0.09	0.67
La	3.6	1.2	1.4	14.5
Lu	0.06	0.02	0.03	0.31
Mo	<2	<2	<2	<2
Nb	7.4	6.1	3.3	6.8
Nd	3.5	1.1	1.5	14.2
Ni	6	<5	6	23
Pb	13	14	11	9
Pr	0.88	0.29	0.37	3.65
Rb	30.4	22.3	15.3	41.3
Sm	0.73	0.25	0.43	3.19
Sn	<1	<1	<1	1
Sr	353	528	357	357
Ta	0.6	0.5	0.3	0.4
Tb	0.12	0.04	0.07	0.52

Table 3. cont.

	10-AAB-0005	10-AAB-0006	10-AAB-0007	10-AAB-0008
Th	1.09	0.4	0.19	4.41
Tl	<0.5	<0.5	<0.5	<0.5
Tm	0.06	0.02	0.04	0.3
U	0.35	0.14	0.54	1.42
V	37	20	21	162
W	<1	<1	<1	<1
Y	4.2	1.3	2.5	19.1
Yb	0.41	0.14	0.25	1.97
Zn	47	25	31	85
Zr	58	79	114	98

Table 4. Sample assay data: Silt samples (Au by fire assay, all others via ICP)

	10-AAB-0001	10-AAB-0002	10-AAB-0003	10-AAB-0004	10-AAB-0009	10-AAB-0010	min	max	avg	stvdev
Al (%)	1.21	1.35	1.33	1.19	1.01	1.23	1.01	1.35	1.22	0.11
Ca	0.57	0.99	0.68	0.61	0.40	0.63	0.40	0.99	0.65	0.18
Fe	2.70	3.26	2.47	2.59	2.72	2.46	2.46	3.26	2.70	0.27
K	0.09	0.08	0.08	0.19	0.11	0.09	0.08	0.19	0.11	0.04
Mg	0.66	0.58	0.67	0.57	0.61	0.61	0.57	0.67	0.62	0.04
S	0.02	0.06	0.03	0.03	0.02	0.03	0.02	0.06	0.03	0.01
Na	0.03	0.04	0.03	0.02	0.02	0.03	0.02	0.04	0.03	0.01
Ti	0.07	0.08	0.08	0.07	0.06	0.08	0.06	0.08	0.07	0.01
Au (ppm)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
Ag	0.05	0.10	0.07	0.06	0.04	0.06	0.04	0.10	0.06	0.02
As	9.20	27.80	6.70	5.40	8.70	6.10	5.40	27.80	10.65	7.79
Au	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.00	0.00	0.00	0.00
B	<10	<10	<10	<10	<10	<10	0.00	0.00	0.00	0.00
Ba	160.00	400.00	180.00	330.00	200.00	210.00	160.00	400.00	246.67	87.50
Be	0.34	0.32	0.33	0.38	0.37	0.34	0.32	0.38	0.35	0.02
Bi	0.09	0.12	0.10	0.15	0.11	0.10	0.09	0.15	0.11	0.02
Cd	0.17	0.27	0.18	0.18	0.17	0.23	0.17	0.27	0.20	0.04
Ce	22.40	24.90	20.80	29.30	25.30	23.90	20.80	29.30	24.43	2.65
Co	13.40	10.20	10.80	11.20	14.20	11.20	10.20	14.20	11.83	1.45
Cr	26.00	27.00	26.00	20.00	22.00	24.00	20.00	27.00	24.17	2.48
Cs	2.91	0.57	2.37	1.56	0.92	0.79	0.57	2.91	1.52	0.86
Cu	22.40	21.80	22.50	13.10	13.30	15.50	13.10	22.50	18.10	4.21
Ga	4.47	4.15	4.51	4.70	4.44	4.53	4.15	4.70	4.47	0.16
Ge	0.07	0.07	0.07	0.09	0.09	0.09	0.07	0.09	0.08	0.01
Hf	0.05	0.07	0.05	0.03	0.03	0.04	0.03	0.07	0.05	0.01
Hg	0.03	0.04	0.03	0.03	0.01	0.02	0.01	0.04	0.03	0.01
In	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00
La	11.30	13.00	11.00	13.50	11.50	11.40	11.00	13.50	11.95	0.94
Li	25.10	12.80	21.30	14.30	14.80	14.60	12.80	25.10	17.15	4.46
Mn	640.00	336.00	419.00	582.00	959.00	666.00	336.00	959.00	600.33	199.00
Mo	0.88	0.74	0.60	0.81	1.04	0.62	0.60	1.04	0.78	0.15
Nb	1.19	1.35	1.22	1.30	1.05	1.20	1.05	1.35	1.22	0.09
Ni	20.50	22.10	20.00	14.80	17.10	18.20	14.80	22.10	18.78	2.40
P	830.00	1220.00	790.00	720.00	830.00	860.00	720.00	1220.00	875.00	160.49
Pb	6.70	6.90	6.10	11.50	8.10	6.70	6.10	11.50	7.67	1.82
Rb	9.30	7.40	9.10	18.70	10.40	9.80	7.40	18.70	10.78	3.66
Re	<0.001	<0.001	<0.001	<0.001	0.00	0.00	0.00	0.00	0.00	0.00
Sb	0.28	0.49	0.28	0.27	0.20	0.25	0.20	0.49	0.30	0.09
Sc	4.20	4.00	4.20	4.60	3.80	4.20	3.80	4.60	4.17	0.24
Se	0.60	0.70	0.60	0.50	0.40	0.50	0.40	0.70	0.55	0.10
Sn	0.30	0.40	0.30	0.50	0.30	0.40	0.30	0.50	0.37	0.07
Sr	38.40	58.50	42.90	35.00	27.90	41.30	27.90	58.50	40.67	9.34
Ta	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00	0.00	0.00	0.00
Te	0.02	0.02	0.01	0.01	0.02	0.02	0.01	0.02	0.02	0.00

Fig. 4 cont.

	10-AAB-0001	10-AAB-0002	10-AAB-0003	10-AAB-0004	10-AAB-0009	10-AAB-0010	min	max	avg	stvdev
Tl	0.07	0.05	0.06	0.09	0.07	0.07	0.05	0.09	0.07	0.01
U	2.55	0.66	2.82	1.05	0.99	1.47	0.66	2.82	1.59	0.81
V	54.00	57.00	52.00	44.00	52.00	52.00	44.00	57.00	51.83	3.93
W	1.02	0.44	0.59	0.37	0.17	0.21	0.17	1.02	0.47	0.28
Y	7.54	8.77	7.64	9.89	7.38	8.71	7.38	9.89	8.32	0.89
Zn	69.00	69.00	69.00	60.00	71.00	69.00	60.00	71.00	67.83	3.58
Zr	1.40	2.40	1.60	1.10	1.30	1.50	1.10	2.40	1.55	0.41

Interpretations and Conclusions

Outcrops observed during fieldwork indicate a widespread presence of granitic dikes intruding metasedimentary country rocks. The outcrop encountered in the field on this study also indicated the presence of hydrothermal alteration associated with some of these dikes, indicating a potential for gold mineralization. It was hoped that assay results from the sediment samples would directly indicate potential presence for gold or other styles of mineralization in the area. While no significant Au values were directly seen in the few samples collected, the potential still exists as it is likely the main quartz porphyry body has not been re-discovered. A small As anomaly on one silt sample should be investigated, while the aplite unit appears to be more evolved than other (earlier) granitic phases (possibly scavenging elements from the metasedimentary host rocks it intrudes). This suggests the possibility of hydrothermal alteration, which has mineralizing potential.

A map of landing sites and outcrop (Fig. 7) is included for the purposes of planning future visits, possibly via fly camps. As most outcrop is seen in valleys, a camp in one of these locations is recommended, rather than on ridge tops. Helipads can also easily be made using a chainsaw in areas of sparse low burn. Figure 8 shows all data collected: sample points, outcrop points, landing sites, and claim boundaries. Although the few samples collected did not show significant Au values, the authors recommend a small fly camp program to explore the area (dominantly inaccessible by helicopter) on foot more extensively. This type of exploration would increase the chances of locating the historical adit and workings, where trace Au was found in the early part of the 20th century. The geological setting and rock types seen indicate a generally correlative setting to Au mineralized projects in the surrounding areas. Additional staking of 26 claims was conducted in 2010, and these have been grouped with the existing claims. This entire area should be looked at in more detail for Au potential (as the new claims have not been thoroughly explored in any capacity).

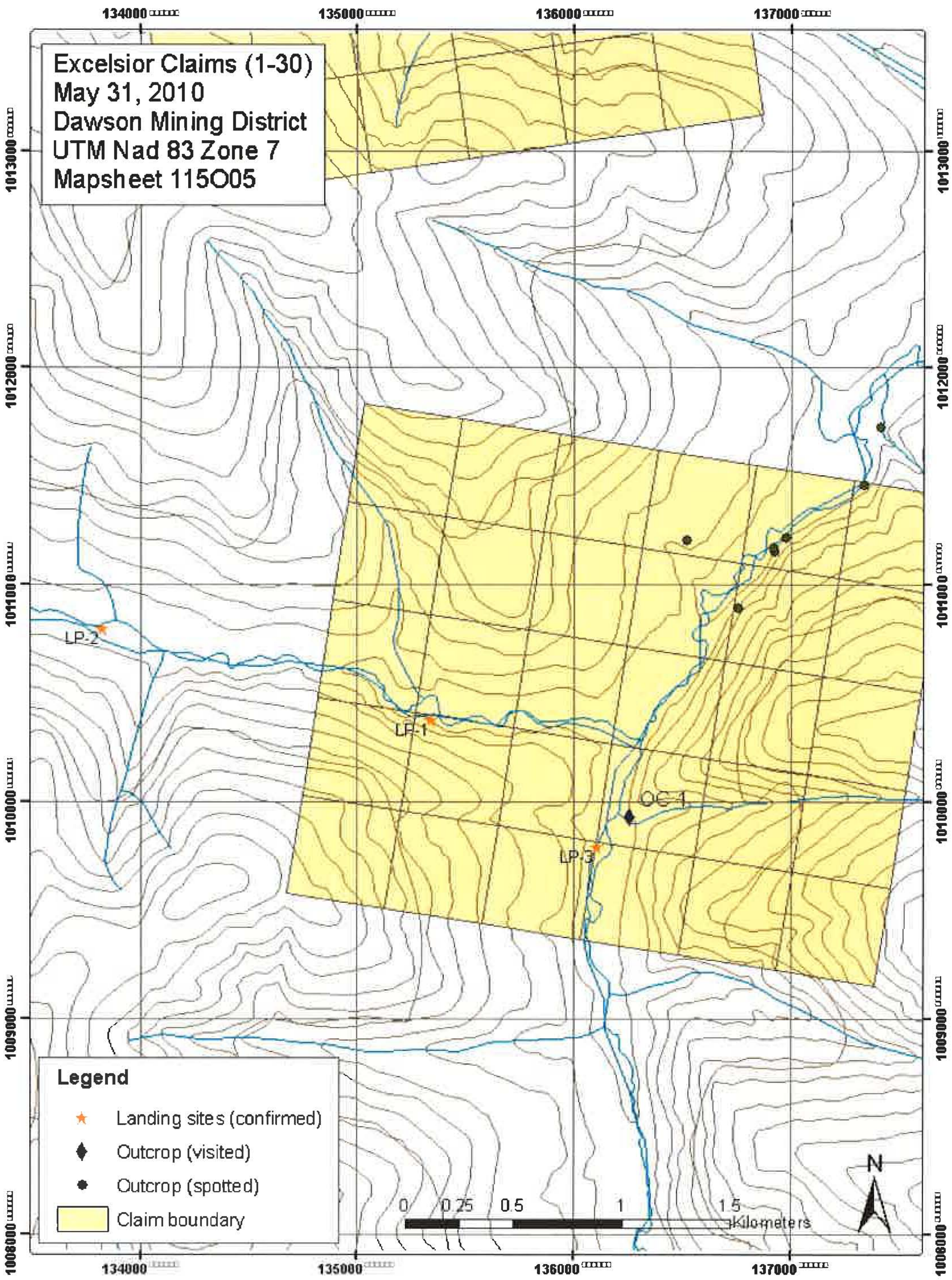

Fig. 7. Pad locations and outcrop only.

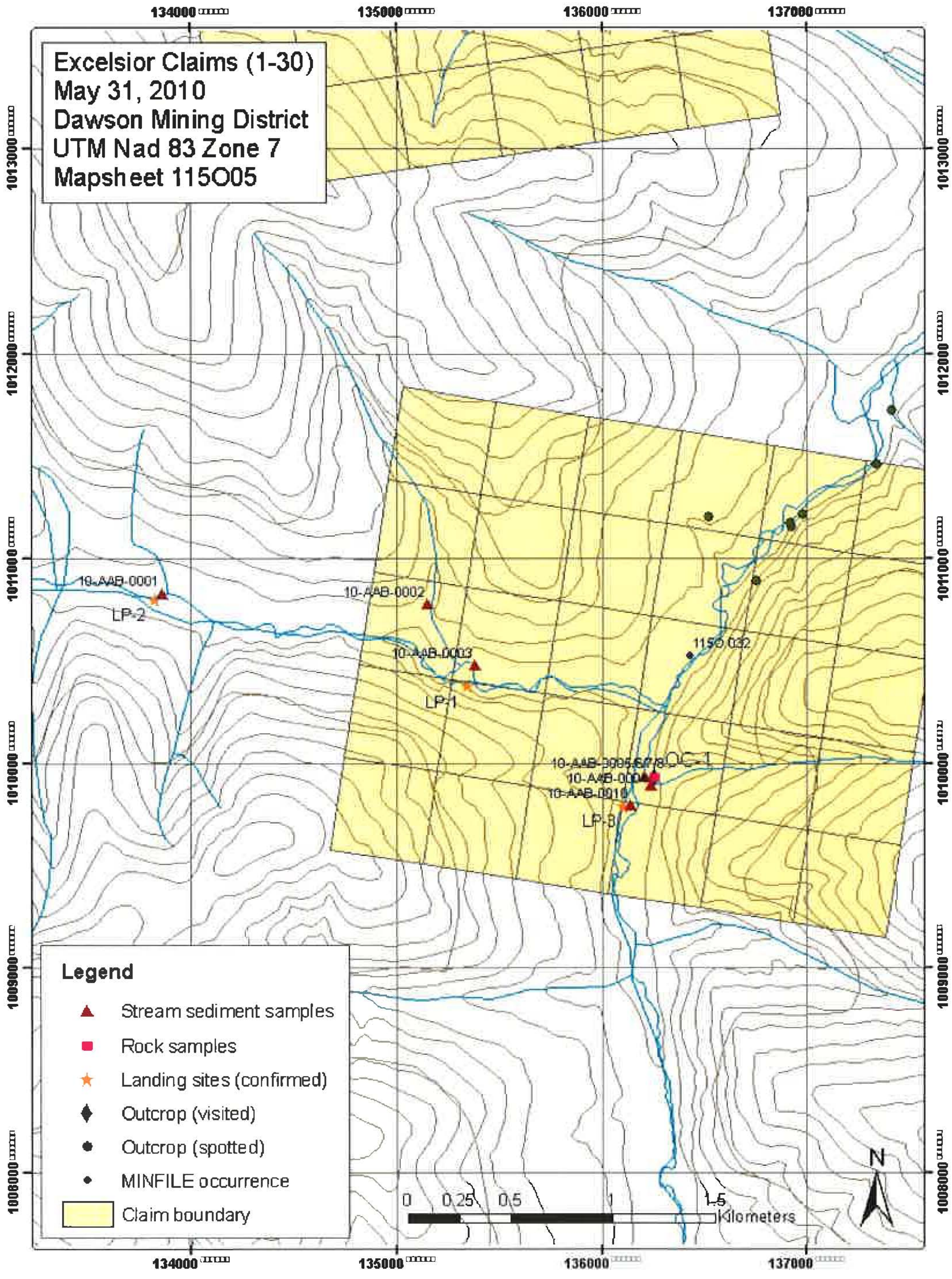

Fig. 8. All information: sample locations, outcrop locations, and landing sites.

Statement of Qualifications

I, Allison Brand, graduated from The University of British Columbia in 2006 with a B.Sc. in geology and in 2009 with an M.Sc. in Geology. I have practiced my profession as a geologist since 2006 and have worked on mineral exploration projects throughout Canada.

Allison Brand, M.Sc.

Statement of Expenditures

	Total
Total Wages (2 geos)	$ 5.787.50
Helicopter	$ 3,711.71
Truck Rental	$ 465.85
Fuel	$ 183.58
Accommodation	$ 277.20
Food/consumables	$ 649.46
Assays - Robust multi element ICP and Fire Assay for Au	$ 524.48
Total Cost	$ 11,599.78

References

Kaminak Gold Corporation. Jun/2010. Website: www.kaminak.com

Ryan, J.J. and Gordey, S.P. 2004: Geology of the Stewart River Area (Parts of 115N/1, 2, 7, 8 and 115O/2-12), Yukon Territory; Geological Survey of Canada, Open file 4641, scale 1:100 000.

MacLaughlan, T.A., 1914. Lode mining in Yukon. Mines Branch Publication 222, p. 121.

Underworld Resources Ltd. Jun/2010. Website: www.underworldresources.com

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To: MACKEVOY GEOSCIENCES
537 KENNETH STREET
VICTORIA BC V8Z 2B6

Finalized Date: 25-JUN-2010
Account: MACGEO

CERTIFICATE WH10070775

Project: EXCELSIOR
P.O. No.:
This report is for 4 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4-JUN-2010.
The following have access to data associated with this certificate:

ALLISON BRAND	DAVID TURNER	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	38 element fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: **MACKEVOY GEOSCIENCES**
ATTN: DAVID TURNER
537 KENNETH STREET
VICTORIA BC V8Z 2B6

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 25-JUN-2010
Account: MACGEO

Project: EXCELSIOR

CERTIFICATE OF ANALYSIS WH10070775

Sample Description	WEI-21	Au-ICP21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
Method / Analyte	Recvd Wt.	Au	Ag	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Ga	Gd	Hf
Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.02	0.001	1	0.5	0.5	0.5	10	0.01	5	0.05	0.03	0.03	0.1	0.05	0.2
10-AAB-0005	2.18	0.007	<1	578	7.1	5.5	50	1.03	13	0.72	0.42	0.23	16.7	0.82	2.2
10-AAB-0006	3.12	<0.001	<1	996	2.4	2.6	20	0.54	13	0.21	0.13	0.08	17.8	0.27	3.3
10-AAB-0007	2.46	0.003	<1	902	2.9	1.8	20	0.31	6	0.45	0.25	0.11	21.7	0.44	3.3
10-AAB-0008	1.22	<0.001	<1	840	29.0	24.0	190	0.87	25	3.18	1.98	0.92	15.7	3.45	2.7

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Project: EXCELSIOR

CERTIFICATE OF ANALYSIS WH10070775

Sample Description / Method / Analyte / Units / LOR	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.5	ME-MS81 Lu ppm 0.01	ME-MS81 Mo ppm 2	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Ni ppm 5	ME-MS81 Pb ppm 5	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01
10-AAB-0005	0.14	3.6	0.06	<2	7.4	3.5	6	13	0.88	30.4	0.73	<1	353	0.6	0.12
10-AAB-0006	0.04	1.2	0.02	<2	6.1	1.1	<5	14	0.29	22.3	0.25	<1	528	0.5	0.04
10-AAB-0007	0.09	1.4	0.03	<2	3.3	1.5	6	11	0.37	15.3	0.43	<1	357	0.3	0.07
10-AAB-0008	0.67	14.5	0.31	<2	6.8	14.2	23	9	3.65	41.3	3.19	1	357	0.4	0.52

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Project: EXCELSIOR

CERTIFICATE OF ANALYSIS WH10070775

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Th ppm 0.05	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01
10-AAB-0005		1.09	<0.5	0.06	0.35	37	<1	4.2	0.41	47	58	73.4	14.75	1.98	2.18	1.22
10-AAB-0006		0.40	<0.5	0.02	0.14	20	<1	1.3	0.14	25	79	74.4	15.00	1.15	1.54	0.44
10-AAB-0007		0.19	<0.5	0.04	0.54	21	<1	2.5	0.25	31	114	74.1	14.60	1.20	0.85	0.47
10-AAB-0008		4.41	<0.5	0.30	1.42	162	<1	19.1	1.97	85	98	59.3	14.10	7.35	5.47	5.55

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CERTIFICATE OF ANALYSIS WH10070775

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05	TOT-ICP06
	Analyte	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total
	Units	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
10-AAB-0005		5.32	0.95	0.01	0.16	0.03	0.06	0.04	0.07	1.08	101.5
10-AAB-0006		5.66	1.01	<0.01	0.07	0.02	0.02	0.06	0.12	0.70	100.0
10-AAB-0007		6.93	0.70	<0.01	0.10	0.02	0.09	0.04	0.11	1.10	100.5
10-AAB-0008		2.60	1.62	0.03	0.73	0.12	0.16	0.04	0.10	2.08	99.3

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Finalized Date: 25-JUN-2010
Account: MACGEO

CERTIFICATE WH10070776

Project: EXCELSIOR

P.O. No.:

This report is for 6 Sediment samples submitted to our lab in Whitehorse, YT, Canada on 4-JUN-2010.

The following have access to data associated with this certificate:

ALLISON BRAND	DAVID TURNER	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-01	Screen - Save plus fraction
LOG-22	Sample login - Rcd w/o BarCode
SCR-42	Screen to -180 um, discard plus

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ST44	Super Trace Au - 50g AR	ICP-MS
ME-MS41	51 anal. aqua regia ICPMS	

To: **MACKEVOY GEOSCIENCES**
ATTN: DAVID TURNER
537 KENNETH STREET
VICTORIA BC V8Z 2B6

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 25-JUN-2010
Account: MACGEO

Project: EXCELSIOR

CERTIFICATE OF ANALYSIS WH10070776

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ST44 Au ppm 0.0001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
10-AAB-0001		0.36	0.0011	0.05	1.21	9.2	<0.2	<10	160	0.34	0.09	0.57	0.17	22.4	13.4	26
10-AAB-0002		0.28	0.0049	0.10	1.35	27.8	<0.2	<10	400	0.32	0.12	0.99	0.27	24.9	10.2	27
10-AAB-0003		0.28	0.0017	0.07	1.33	6.7	<0.2	<10	180	0.33	0.10	0.68	0.18	20.8	10.8	26
10-AAB-0004		0.40	0.0008	0.06	1.19	5.4	<0.2	<10	330	0.38	0.15	0.61	0.18	29.3	11.2	20
10-AAB-0009		0.40	0.0009	0.04	1.01	8.7	<0.2	<10	200	0.37	0.11	0.40	0.17	25.3	14.2	22
10-AAB-0010		0.40	0.0050	0.06	1.23	6.1	<0.2	<10	210	0.34	0.10	0.63	0.23	23.9	11.2	24

***** See Appendix Page for comments regarding this certificate *****

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Project: EXCELSIOR

CERTIFICATE OF ANALYSIS WH10070776

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
10-AAB-0001		2.91	22.4	2.70	4.47	0.07	0.05	0.03	0.018	0.09	11.3	25.1	0.66	640	0.88	0.03
10-AAB-0002		0.57	21.8	3.26	4.15	0.07	0.07	0.04	0.019	0.08	13.0	12.8	0.58	336	0.74	0.04
10-AAB-0003		2.37	22.5	2.47	4.51	0.07	0.05	0.03	0.017	0.08	11.0	21.3	0.67	419	0.60	0.03
10-AAB-0004		1.56	13.1	2.59	4.70	0.09	0.03	0.03	0.022	0.19	13.5	14.3	0.57	582	0.81	0.02
10-AAB-0009		0.92	13.3	2.72	4.44	0.09	0.03	0.01	0.017	0.11	11.5	14.8	0.61	959	1.04	0.02
10-AAB-0010		0.79	15.5	2.46	4.53	0.09	0.04	0.02	0.020	0.09	11.4	14.6	0.61	666	0.62	0.03

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS WH10070776

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
10-AAB-0001		1.19	20.5	830	6.7	9.3	<0.001	0.02	0.28	4.2	0.6	0.3	38.4	<0.01	0.02	2.9
10-AAB-0002		1.35	22.1	1220	6.9	7.4	<0.001	0.06	0.49	4.0	0.7	0.4	58.5	<0.01	0.02	2.3
10-AAB-0003		1.22	20.0	790	6.1	9.1	<0.001	0.03	0.28	4.2	0.6	0.3	42.9	<0.01	0.01	2.2
10-AAB-0004		1.30	14.8	720	11.5	18.7	<0.001	0.03	0.27	4.6	0.5	0.5	35.0	<0.01	0.01	3.6
10-AAB-0009		1.05	17.1	830	8.1	10.4	0.001	0.02	0.20	3.8	0.4	0.3	27.9	<0.01	0.02	3.7
10-AAB-0010		1.20	18.2	860	6.7	9.8	0.001	0.03	0.25	4.2	0.5	0.4	41.3	<0.01	0.02	2.8

***** See Appendix Page for comments regarding this certificate *****

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Project: EXCELSIOR

CERTIFICATE OF ANALYSIS WH10070776

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
10-AAB-0001		0.074	0.07	2.55	54	1.02	7.54	69	1.4
10-AAB-0002		0.075	0.05	0.66	57	0.44	8.77	69	2.4
10-AAB-0003		0.081	0.06	2.82	52	0.59	7.64	69	1.6
10-AAB-0004		0.068	0.09	1.05	44	0.37	9.89	60	1.1
10-AAB-0009		0.060	0.07	0.99	52	0.17	7.38	71	1.3
10-AAB-0010		0.084	0.07	1.47	52	0.21	8.71	69	1.5

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Project: EXCELSIOR

CERTIFICATE OF ANALYSIS WH10070776

Method	CERTIFICATE COMMENTS
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).