094080

1999 GEOLOGICAL and GEOCHEMICAL ASSESSMENT

REPORT ON THE WHITE PROPERTY

(White 1 – 83, 88, 89: YC12858 - YC12942)
(White 84 – 87, 90, 91: YC09215 - YC09220)

NTS: 115O/3,4

Latitude: 63°11'N Longitude: 139°33'W

Dawson Mining Division
Whitehorse Mining Division

Work performed between July 25 - 30 ,1999

Owner: Teck Corporation,
600 - 200 Burrard Street,
Vancouver, B.C.
V6C 3L9

Operator: Teck Exploration Ltd.
350 - 272 Victoria Street,
Kamloops, B.C.
V2C 2A2

Mike Papageorge
Jean Pautler
December, 1999

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 600.00.

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

SUMMARY:

The White property, located 95 km south of Dawson City, Y.T., was staked by Teck in December of 1998 and is comprised of 91 claims (1820 ha).

Extensive windfall and very limited exposure characterize the White property, which is underlain by upper Proterozoic to lower Cambrian Nisling Group metamorphic rocks, the Devono-Mississipian Mink Creek Plutonic/metamorphic Complex and an early Tertiary to late Cretaceous plutonic quartz-feldspar porphyry to felsite.

Mineralization has been located in discreet quartz, galena and stibnite veins and veinlets in a few outcrops on the property. The Teacher Showing, discovered in 1998, contains gold and silver bearing epithermal style veins and stockwork mineralization with quartz, galena, stibnite, and pyrite. The mineralization is hosted by feldspar porphyritic dykes which likely belong to the Tertiary to Cretaceous Plutonic Suite. Gold assay results from the property to date include values up to 5.8 g/t from the Teacher Showing and 6.5 g/t from quartz vein float.

A small soil grid completed in 1999 above the Teacher Showing outlined two significant gold/arsenic anomalies with results up to 365 ppb Au, 630 ppm As and 155 ppm Sb.

A moss mat sample, collected upstream of the Teacher Showing, returned 180 ppb Au. Another moss mat sample, taken from a creek over one km to the north of the showing, returned 80 ppb gold, and may reflect mineralization along strike of the mineralized dykes at the Teacher Showing.

For the 2000 season it is recommended that work be concentrated on extending the Teacher Showing by prospecting the 180 and 80 ppb Au in moss mat anomalies and mapping the creeks in a systematic manner to better constrain possible locations of the feldspar porphyry dykes. Soil sample sites, that returned high gold values, should be re-sampled and enlarged by sampling around the anomalous sites at a closer spacing. Extending the grid further uphill in less disturbed areas and use of an auger may provide more reliable soil results and is recommended since outcrop is scarce on the property. The soil grid should also be extended to the north, towards the 80 ppb Au in moss mat anomaly. Stream sediment anomalies at the south end of the property, proximal to occurrences of the feldspar porphyry and quartz vein float carrying 6.5 g/t Au, require follow up to delineate favourable areas within the drainage basin, which could then be selectively soil sampled.

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1. LOCATION AND ACCESS (Figure 1)

The White property, NTS map sheet 115O/3,4 is located 95 km south of Dawson City, Y.T., and lies in both the Dawson and Whitehorse Mining Divisions. It is situated on the western flank of Mt. Stewart, at the confluence of the White and Yukon Rivers. Latitude and longitude of the property are 63°11'N, 139°33'W. Access is by helicopter from Dawson City.

2. LEGAL DESCRIPTION (Figure 2)

The White Claim Group consists of 91 contiguous claims covering an area of approximately 1820 hectares. The property is owned by Teck Corporation, Vancouver, B.C. and Teck Exploration Ltd., of Kamloops, B.C., was the operator. A table showing pertinent claim data follows:

Claim Name	Record No.	Expiry Date	Years to be Applied	New Expiry Date
Dawson M.D.:				
White 1 – 83	YC12858 – 12940	Dec. 22,1999	1	Dec.22, 2000*
White 88, 89	YC12941 – 12942	Dec. 22,1999	1	Dec.22, 2000*
Whitehorse M.D.:				
White 84 - 87	YC09215 – 09218	Dec. 22,1999	1	Dec.22, 2000*
White 90, 91	YC09219 – 09220	Dec. 22,1999	1	Dec.22, 2000*

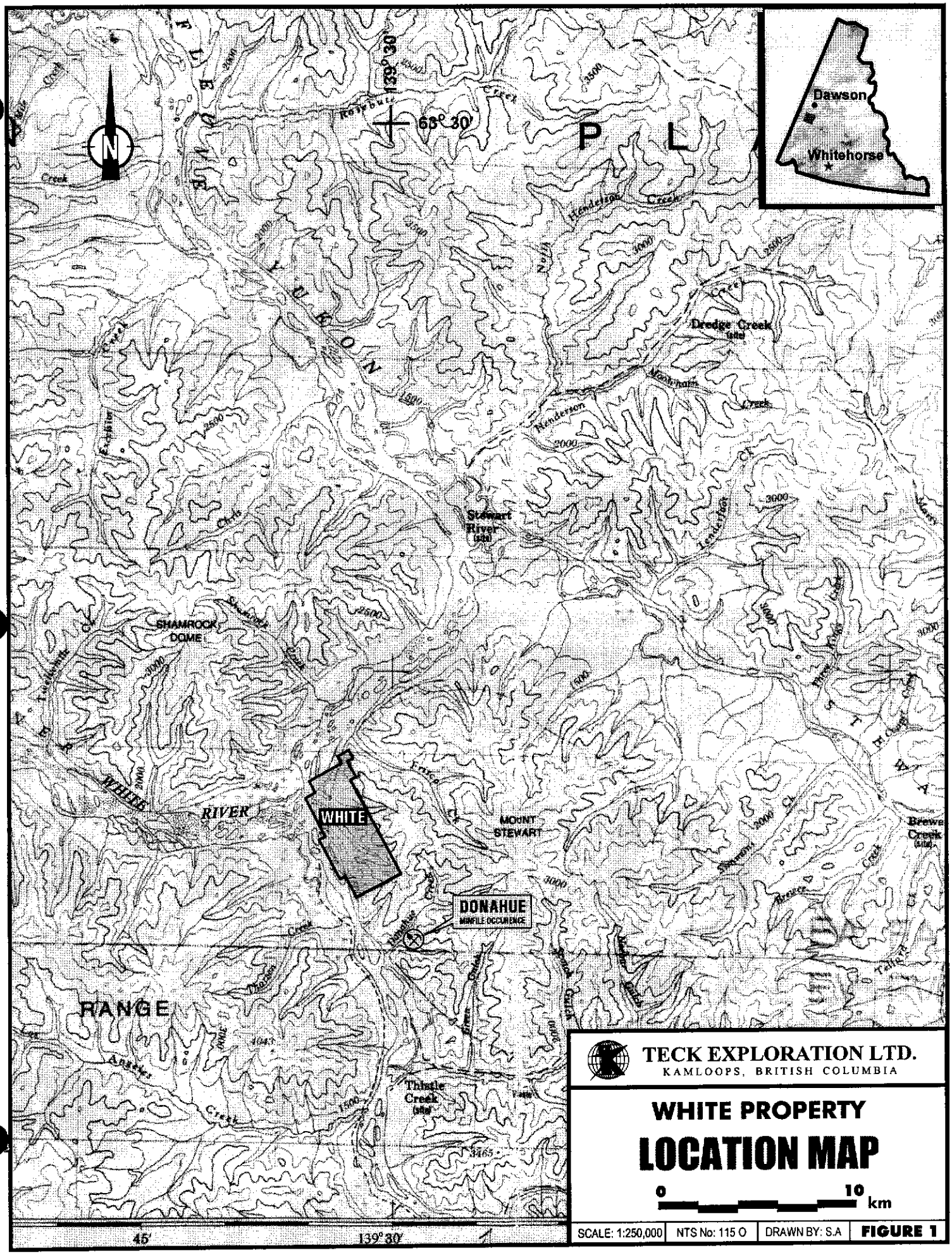
* Note: New expiry date based on acceptance of this report.

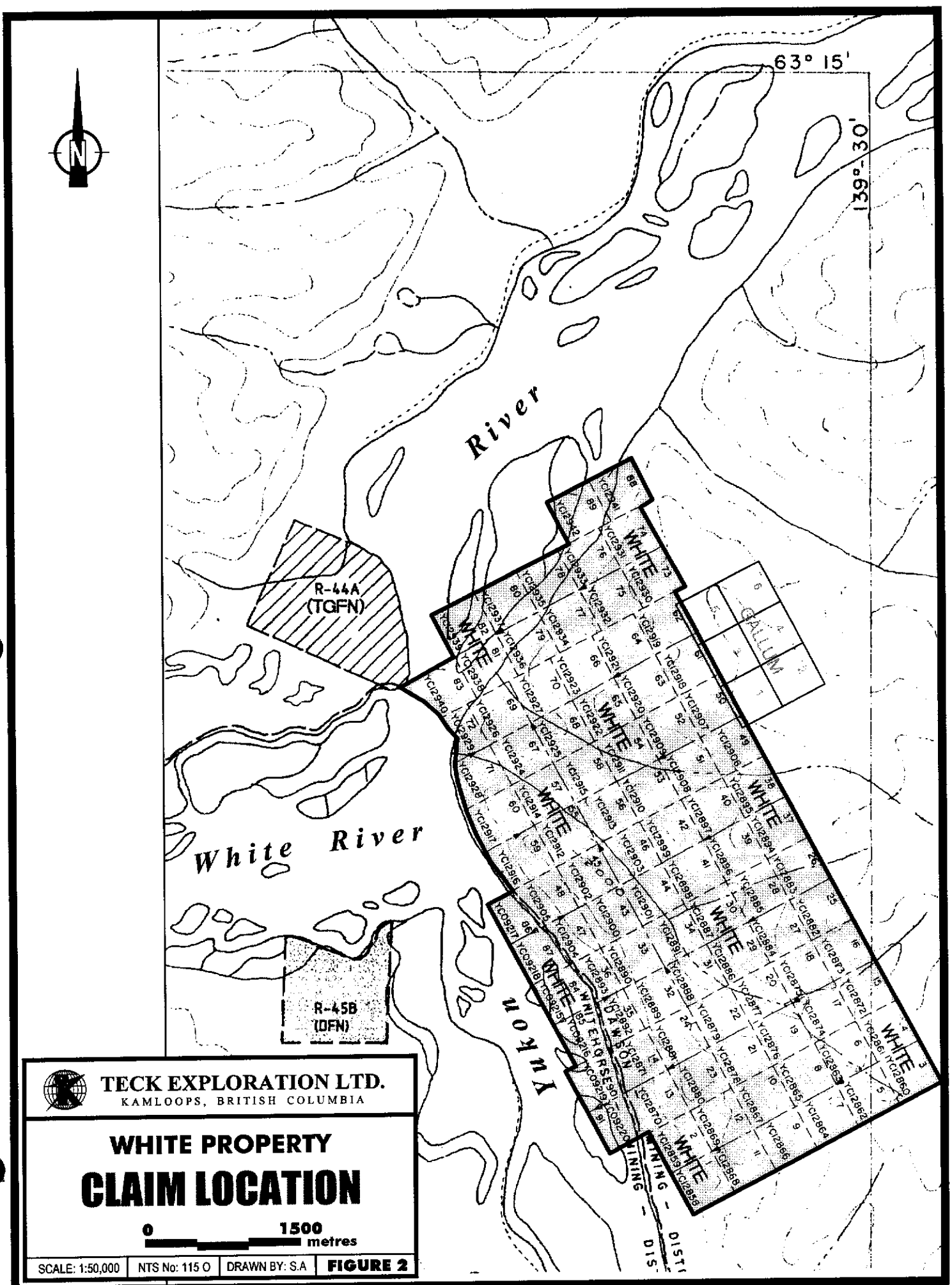
3. PHYSIOGRAPHY

The claims cover an area of tree covered hills in the Yukon Plateau. Exposure is extremely poor but does exist along some of the slopes as talus boulders and as cliffs along the banks of the Yukon River. Elevations on the property range from 1100' to 2500'. Vegetation includes trees, bramblebush and moss. Most of the property was burned several times more than ten years ago, leaving significant deadfall and windfall.

4. HISTORY (Figure 4)

Teck staked the White property in December of 1998, based on the results of our regional work in the area, which included the discovery of both the Teacher Showing and quartz vein float with anomalous gold in Minneapolis Creek. The property area has not been staked in recent history, although two old prospects are plotted on the claims. The Shamrock Prospect was probably staked on quartz veins near the turn of the century and


Dawson
Whitehorse
N
139° 30'
65° 30'
YUKON
PLATEAU
Dredge Creek (site)
Stewart River (site)
SHAMROCK DOME
WHITE
RIVER
MOUNT STEWART
DONAHUE
MINFILE OCCURENCE
RANGE
Thistle Creek (site)
Brewer Creek (site)
45'
139° 30'
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA
WHITE PROPERTY
LOCATION MAP
0
10
km
SCALE: 1:250,000
NTS No: 115 O
DRAWN BY: S.A
FIGURE 1



TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

WHITE PROPERTY

CLAIM LOCATION

0 1500 metres

SCALE: 1:50,000	NTS No: 115 O	DRAWN BY: S.A	**FIGURE 2**

Shamrock Prospect was probably staked on quartz veins near the turn of the century and later staked by Can Occidental Petroleum who explored with grid soil sampling and mapping in 1973. The Northern Lights Prospect was reportedly staked on the "rumour of rich gold quartz specimens" being found prior to 1887, "high above the river opposite the mouth of the White" (Yukon Minfile, 1996). The Donahue Prospect, reportedly 3.5 km south of the White on Donahue Creek (Figure 1), was explored with an adit, crosscut and shaft in 1901 based on the discovery of a quartz-sulfide zone, up to 4.6m wide, with free gold, silver and antimony values (Yukon Minfile, 1996).

5. 1999 WORK

A total of 15 man days were spent on the White property between July 25 and 30th, 1999. Work consisted of prospecting and mapping main drainages and slopes and establishing a small, 1.35 line km, soil grid above the Teacher Showing. Control was provided by 1:50,000 based topographic maps, hipchain and compass.

6. GEOLOGY

a) Regional (Figure 3)

The regional geology of the White occurrence is represented on the Ogilvie (115 O) Map Sheet, Bostock, 1942. The area is predominantly underlain by metasedimentary schists, phyllites, slates, quartzites, marbles and greenstones that belong to the upper Proterozoic to lower Cambrian Nisling Group. Other units in the Mount Stewart area include the Devono-Mississipian Mink Creek Plutonic/metamorphic Complex and an early Tertiary (possibly late Cretaceous) plutonic quartz-feldspar porphyry to felsite.

b) Property (Figure 4)

The White property contains abundant Nisling Group metasedimentary rocks that have been intruded by the younger plutonic rocks. An undeformed granitic unit of questionable age outcrops as dykes at the Teacher Showing, and megacrystic feldspar porphyry, which is presumably Tertiary to Cretaceous in age, was observed in the south-eastern corner of the claim block. Biotite granodiorite gneiss and gabbro to pyroxenite, possibly belonging to the Mink Creek Suite, was observed in several locations.

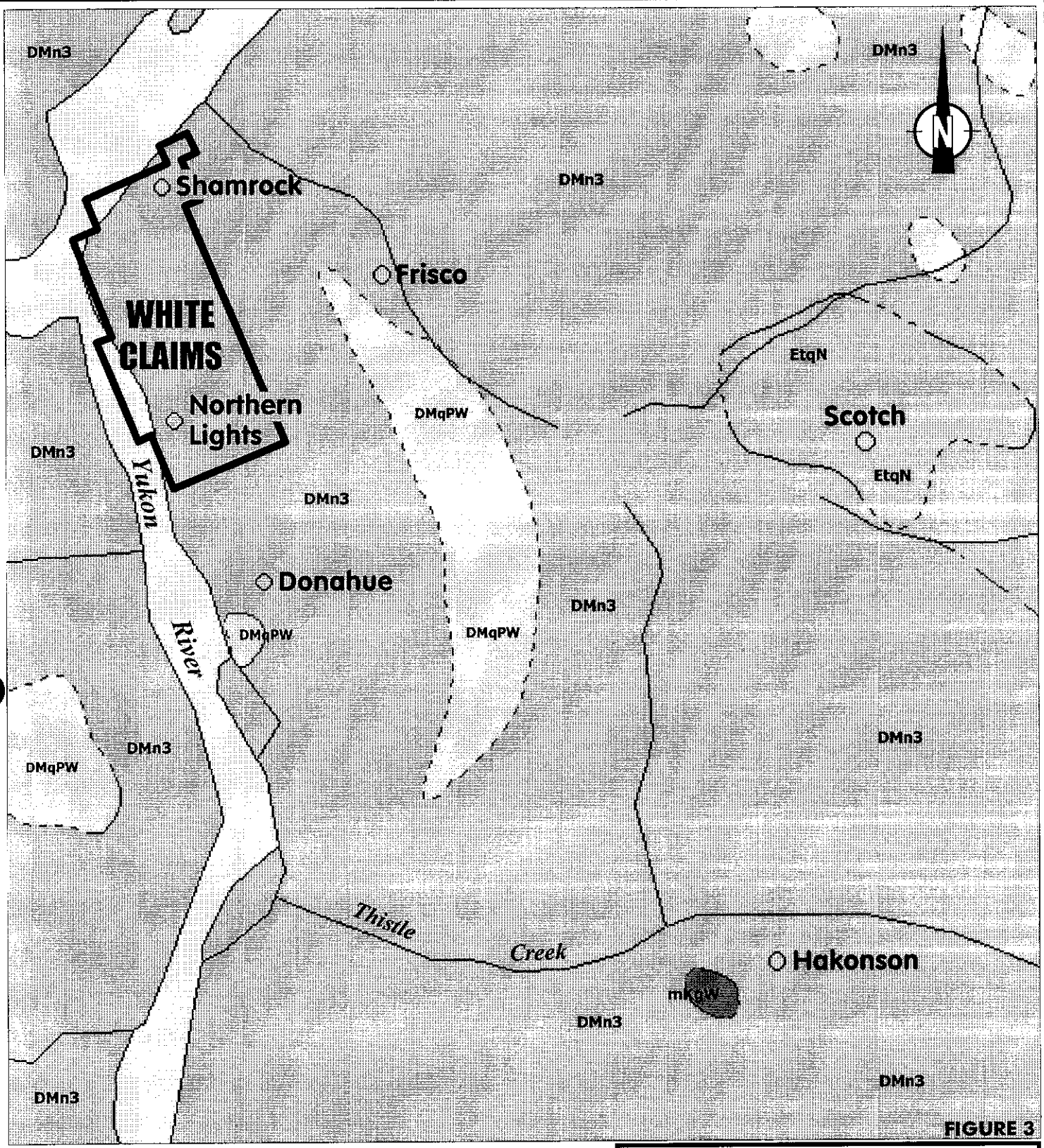


FIGURE 3

Tertiary - Cretaceous

- EtqN — feldspar porphyry to felsite
- mKgW — granite

Paleozoic and/or Proterozoic Metamorphic Rocks

- DMqPW — orthogneiss (Mink Ck.)
- DMn3 — quartzite, quartz-muscovite schist (Nisling Gp.)

Minfile Occurences

after Bostock, 1942

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

WHITE PROPERTY

REGIONAL GEOLOGY

0 — 500
metres

Graphitic gouge can be found in several locations on the property, however in most cases the lack of exposure makes it difficult to determine the significance of these structures.

c) Mineralization (Figure 4)

Quartz veins and veinlets of varying widths and styles are scattered about the property as float and appear to be of local derivation. Veins have been observed to contain one, or a combination of, galena, pyrite, and stibnite.

The Teacher Showing, on the north side of the claim block near the Yukon River, contains a significant density of epithermal style quartz stockwork mineralization and veins in a clay, sericite, pyrite and variably silicified granite (feldspar porphyry), possibly related to the Tertiary-Cretaceous plutonic suite. Massive stibnite occurs within the center of some drusy veins up to 3cm wide. Other drusy veins reach widths of 15cm, while quartz breccias with dark fragments (possibly silicified metasedimentary rock) occur in blocks up to 20cm wide.

The Teacher Showing has just recently been exposed for 30 to 40 meters along the Yukon River shoreline by erosion of the bank and was traced 30-50m upslope to the east in discontinuous outcrop. It is located about 600 meters north of Minneapolis Creek and just south of Principal Creek. The porphyry dyke(s) are known to extend northeast of Principal Creek because an outcrop of altered porphyry was uncovered on the north side of the creek.

Some local calc-silicate/pyrrhotite mineralization exists within the more calcareous horizons of the Nasina Series metasedimentary rocks.

7. GEOCHEMISTRY (Figures 4-6)

a) Procedure

A total of 39 rock, 69 soil, and 11 stream sediment samples were collected from the property. The samples were sent to Eco-Tech Labs, Kamloops, B.C. and analyzed for Al, Sb, As, Ba, Bi, Cd, Ca, Cr, Co, Cu, Fe, La, Pb, Mg, Mn, Hg, Mo, Na, Ni, P, Ag, Sr, Ti, Sn, W, U, V and Zn using a 32 element ICP package which involves a nitric-aqua regia digestion. Gold was analyzed by fire assay with an atomic absorption finish. Lab procedures and results are outlined in Appendix II.

The rock samples primarily consisted of grab samples of vein, stockwork and stringer mineralization and altered zones, exposed as float, limited subcrop and rare outcrop. Chip samples were collected across local quartz boulders. Rock sample locations and selected results are plotted on Figure 4 with the geology.

The stream sediment samples consisted of moss mat and silt samples draining the property area. Complete sample results are listed in Appendix II and selected results are shown on Figure 4.

A 1.35 line km soil grid was established to the southeast of the Teacher Showing in order to detect any mineralization under the significant overburden cover found in the area. The samples were collected at 25 meter intervals along four lines, spaced 50 meters apart. A central 150m long, 310° trending baseline was used for control. The soil samples were collected from the B horizon with a shovel and sent to the lab in waterproof kraft bags. The soil profile usually contained roughly 15 cm of moss, followed by 10 cm of an A horizon which was underlain by a brown sandy, clayey B horizon. The B horizon generally contained between 0 to 10 percent organic material, and some fine rock chips. Complete sample results are listed in Appendix II and the gold results, with selected anomalous Sb, Cu and Zn results, are shown on Figure 5. Arsenic results are plotted on Figure 6.

b) Results and Interpretation

i) Rocks: (Figure 4)

Five rock samples were collected in 1998 and 39 rock samples in 1999. Work in 1998 near the headwaters of Minneapolis Creek uncovered a quartz vein with chalcopyrite and galena that assayed 6.47 g/t Au, 26.5 g/t Ag which was also elevated in copper and lead (sample number 950). Other samples of interest include 7130 and 7051. Sample 7130 consisted of a graphitic, bleached, micaceous quartzite that had been brecciated and silicified, possibly a healed fault structure. This sample returned a gold value of 145 ppb and an arsenic value of 1560 ppm and 3 ppm silver. Sample 7051 (a limonitic, micaceous quartzite) assayed 65 ppb Au and 2150 ppm As. The significance of the aforementioned samples lies in that the elevated stream sediment samples that exist in the creeks may be a result of these gold and arsenic rich vein occurrences. Due to the lack of outcrop, it is difficult to interpret the data with a high level of confidence.

Samples from the Teacher Showing have revealed a zone of epithermal style gold mineralization. As indicated in Table 1, below, drusy quartz, quartz breccia, and silicified host rock, from the showing have consistently returned encouraging gold values.

Table 1 Selected rock sample descriptions from the Teacher Showing with gold assay value.

Sample Number	Description	Au (g/t)
00375*	Drusy quartz veins up to 10 – 15 cm wide in granite.	1.68
00376*	Silicified granite with some dark grey patches with fine sulfides and yellow staining.	5.84
00378*	Grab of quartz breccia with dark fragments, yellow staining and some drusy quartz.	4.46
7135	1.70 meter chip of 3-4 drusy quartz veins, 2-3 centimetres wide with some fine stringers, cutting through a pyritic intrusive. Some silicification and seritization.	1.50
7138	2.5 meter chip sample from a weakly pyritic zone within the megacrystic feldspar porphyry.	920 ppb

* denotes 1998 sample

ii) Stream sediment: (Figure 4)

Twelve stream sediment samples were collected in 1998 from creeks draining the White property. Two moss mat samples, (MMN-25, 26) midway upstream Minneapolis Creek returned 30 ppb Au and 35 ppb Au, respectively. The anomalies may reflect mineralization similar to sample 950 which assayed 6.47 g/t Au. Lending credence to this theory, two 1998 samples collected upstream of the sample returned background levels. However, a moss mat sample taken in 1999, upstream of the 1998 samples, returned an anomalous value of 60 ppb Au (W-M899). Prospecting upstream of this anomaly is warranted.

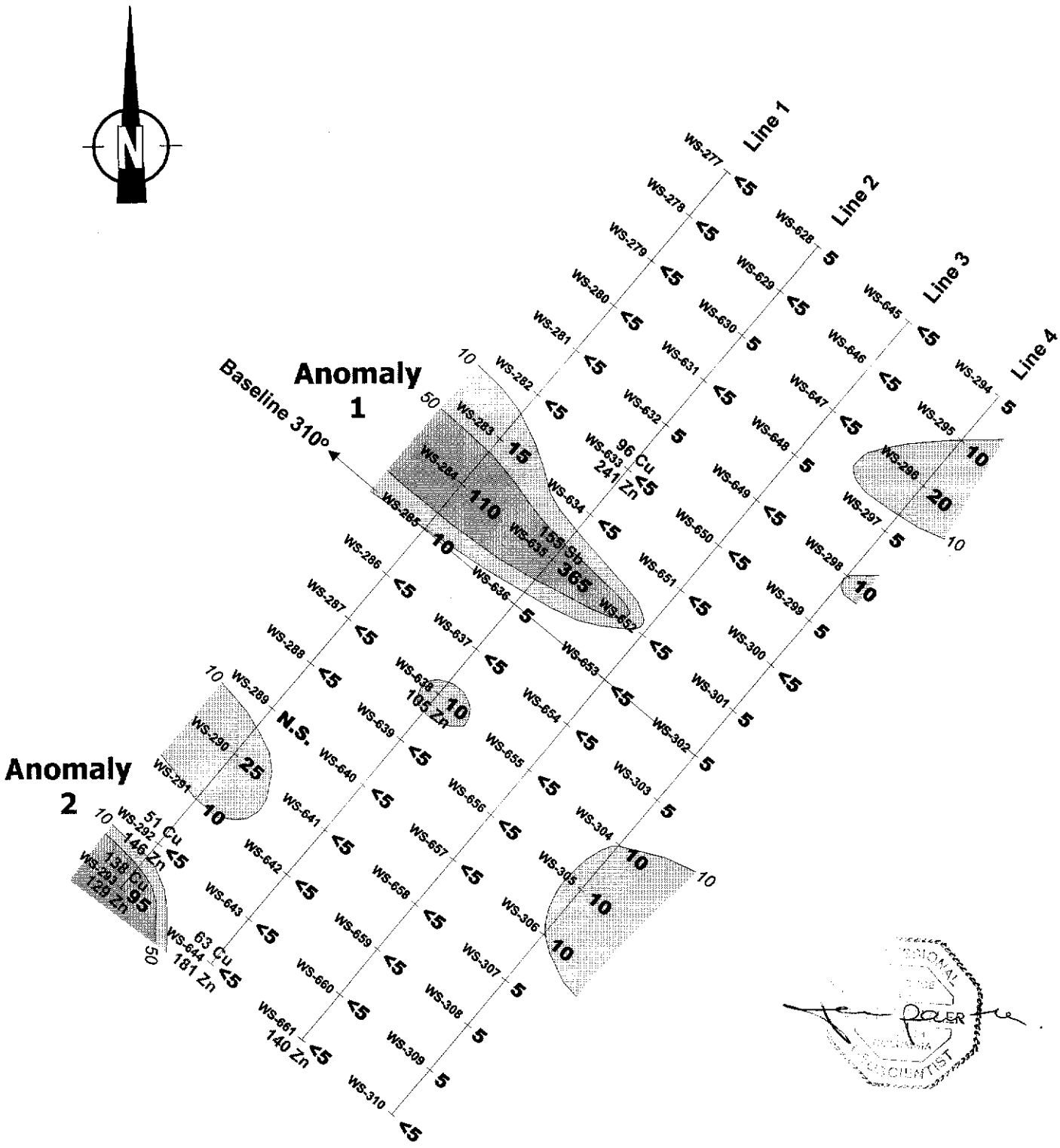
At the north end of the property, moss mat sample MSM-275 returned a value of 80 ppb Au, and moss mat sample MSM-274, from Principal Creek just upstream of the Teacher Showing, returned a value of 180 ppb Au. Detailed mapping and prospecting in this area of the property is necessary to determine the source of the gold in stream sediment anomalies. A detailed examination of float in the creeks and possible reconnaissance soil lines may be useful in this regard.

iii) Soils: (Figures 5-6)

Results from the soil grid showed two significant gold anomalies. The strongest anomaly (Anomaly 1) lies 50m southeast and along trend of the Teacher Showing. Two of the four anomalous samples were quite high, returning 110 and 365 ppb Au on two lines. The gold anomaly is coincident with a multi-station arsenic anomaly with values up to 630 ppm As. In fact, the highest gold in soil value of 365 ppb Au in sample W-S635, is accompanied by 630 ppm As and 155 ppm Sb. Anomalous values of 241 ppm Zn, 96 ppm Cu and 40 ppm As were obtained from sample W-S633, just to the north of W-S635.

Anomaly 2 consists of a spot, but open ended, gold value of 95 ppb Au with 60 ppm As at the south end of Line 1. Base metal anomalies of 129 ppm Zn and 138 ppm Cu also occur at this sample site and 181 ppm Zn occurs peripherally. There are significant arsenic values (including 145 and 110 ppm As) between Anomaly 1 and 2 and some gold noise. A weak, open ended, gold/arsenic anomaly is also evident at the north end of Line 4.

There is a strong correlation between gold and arsenic on the Teacher Grid. There is also a significant correlation of gold/arsenic anomalies with copper/zinc anomalies. The restricted nature of the anomalies can be explained by the high level of slumping observed on the slope above the Yukon River and the successive effects of fire. It appears that auger sampling would be more reliable in this terrain.



TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

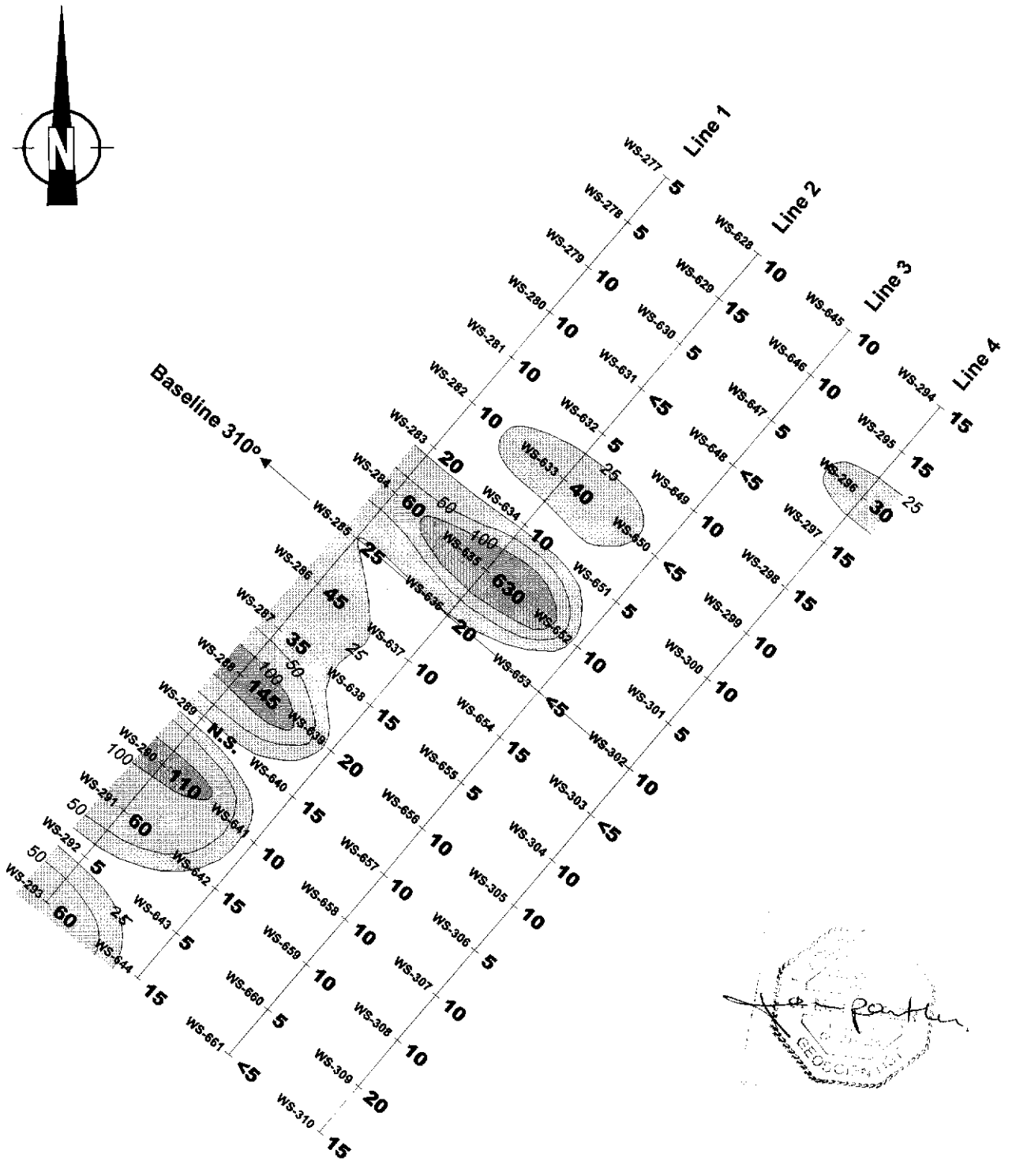
WHITE PROPERTY, Yukon

SOIL GEOCHEMISTRY

Au ppb

(selected Cu, Zn, Sb values are in ppm)

SCALE: 1:2500	NTS No:115 O	DRAWN BY: S.A	**FIGURE 5**



TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

WHITE PROPERTY, Yukon

SOIL GEOCHEMISTRY

As ppm

SCALE: 1:2500	NTS No:115 O	DRAWN BY: S.A	**FIGURE 6**

8. CONCLUSIONS AND RECOMMENDATIONS

The Teacher Showing should be the main focus of interest for exploration on the White property, serving as a guide for further exploration on the claims as a whole. In the early 1900's, sources indicate that N.J. Donahue discovered large quartz sulphide structures bounded by porphyritic rock that contained free gold, silver, and antimony. The similarity between this description and the Teacher Showing is quite promising, and given the distance between Donahue's adit and the newly uncovered mineralization at the Yukon River, there is potential for mineralization over a large area. It is clear that the feldspar porphyritic dykes are an important target on the property. The 80 ppb Au moss mat anomaly, over one km to the northeast of the Teacher Showing, and the 180 ppb Au in moss, upstream on Principle Creek, would be excellent starting points for the 2000 field season. From an examination of the regional geology map, it is clear that the extent of the younger mineralized intrusive has been under-estimated, and the potential for locating more of this porphyry exists.

Extending the Teacher Showing further inland may be difficult given the lack of exposure, heavy deadfall, and extensive brush. Further work should involve follow up of the anomalous results (up to 365 ppb Au, 630 ppm As and 155 ppm Sb, as well as base metal anomalies) from the 1999 soil grid. The grid should also be extended to the south, north and upslope. The use of a soil auger is recommended in this environment due to the poor soil profile.

For the south end of the property, it may be beneficial to spend a few days examining the creek beds to locate any float similar to the feldspar porphyry. The anomalous stream sediment results may be expressing mineralized porphyry dykes that cut the creeks. The lack of outcrop, size of ground to be worked, extensive windfall and brush, not to mention the absence of a good camping spot in the area, make this end of the property a remote place in a remote piece of country. Working the creek beds attentively and systematically would enable the delineation of favourable areas within the drainage basin, which could then be selectively soil sampled.

APPENDIX I

Selected References

Bostock, H.S. (1942): Geology of the Ogilvie, Y.T.; Geological Survey of Canada Map 711A, scale 1:250,000.

Pautler, J. (1997): Yukon regional report: In house report.

Tempelman-Kluit, D. (1974): Geology of the Stewart River map area, Y.T.; Geological Survey of Canada, Map 18-1973, scale 1:250,000.

Yukon Minfile (1996): Yukon Geology Program, IMS Ltd., NTS 115 N, 115 O.

APPENDIX II

Geochemical Procedure and Results

Jan. 1990.

GEOCHEMICAL ANALYTICAL METHODS CURRENTLY IN USE AT ROSSBACHER LABORATORY LTD.

A. SAMPLE PREPARATION

1. **Geochem. Soil and Silt:**
   Samples are dried and sifted to minus 80 Mesh, through stainless steel or nylon screens.

2. **Geochem. Rock:**
   Samples are dried, crushed to minus 1/4 inch, split, and pulverized to minus 100 mesh.

B. METHODS OF ANALYSIS

1. **Multi element: (Mo, Cu, Ni, Co, Mn, Fe, Ag, Zn, Pb, Cd, As):**
   0.50 Gram sample is digested for four hours with a 15:85 mixture of Nitric-Perchloric acid. The resulting extract is analyzed by Atomic Absorbtion spectroscopy, using Background Correction where appropriate.

2. **Antimony:**
   0.50 Gram sample is fused with Ammonium Iodide and dissolved. The resulting solution is extracted into TOPO/MIBK and analyzed by Atomic Absorbtion spectroscopy.

3. **Arsenic: (Generation Method)**
   0.25 Gram sample is digested with Nitric-Perchloric acid. Arsenic from the solution is converted to arsine, which in turn reacts with silver D.D.C. The resulting solution is analyzed by colorimetry.

4. **Barium:**
   0.20 Gram sample is repeatedly digested with $HClO_4$-HNO_3 and HF. The solution is analyzed by atomic absorbtion spectroscopy.

5. **Biogeochemical:**
   Samples are dried and ashed at 550°C. The resulting ash analyzed as in #1, Multielement Analysis.

6. **Bismuth:**
   0.50 Gram sample is digested with Nitric acid. The The solution is analysed by Atomic absorbtion spectroscopy.

METHODS OF ANALYSIS (CONT'D)

7. **Chromium:**
0.25 Gram sample is fused with Sodium Peroxide. The solution is analyzed by atomic absorbtion spectroscopy.

8. **Fluorine:**
0.50 Gram sample is fused with Carbonate Flux, and dissolved. The solution is analysed for Fluorine by use of an Ion Selective Electrode.

9. **Gold AR/AAS:**
10.0 Gram sample is roasted at 550°C and dissolved in Aqua Regia. The resulting solution is subjected to a MIBK extraction, and the extract is analzed for Gold using Atomic Absorbtion spectroscopy.

9A **Gold FA:**
10.0 Gram sample is fused with appropriate fluxes, and the resulting lead button is cupelled to produce a gold/silver bead. The bead is dissolved in Aqua Regia and analyzed for gold by AAS.

10. **Mercury:**
1.00 Gram sample is digested with Nitric and Sulfuric acids. The solution if analyzed by Atomic Absorbtion spectroscopy, using a cold vapor generation technique.

11. **Partial Extraction and Fe/Mn oxides:**
0.50 Gram sample is extracted using one of the following: hot or cold 0.5 N. HCl, 2.5% E.D.T.A., Ammonium citrate, or other selected organic acids. The solution is analyzed by use of Atomic Absorbtion spectroscopy.

12. **pH:**
An aqueous suspension of soil, or silt is prepared, and its pH is measured by use of a pH meter.

13. **Rapid Silicate Analysis:**
0.10 Gram sample is fused with Lithium Metaborate, and dissolved in HNO_3. The solution is analyzed by Atomic Absorbtion for SiO_2, Al_2O_3, Fe_2O_3, MgO, CaO, Na_2O, K_2O, TiO_2, TiO_2, P_2O_5, and MnO.

14. **Tin:**
0.50 Gram sample is sublimated by fusion with Ammonium Iodide, and dissolved. The resulting solution is extracted into TOPO/MIBK and analysed by atomic absorbtion spectroscopy.

15. **Tungsten:**

1.00 Gram sample is sintered with a carbonate flux, and dissolved. The resulting extract is analyzed colorimetrically, after reduction with Stannous Chloride, by use of Potassium Thiocyanate.

16. **ICP :**

0.5 Gram sample is digested with Aqua Regia, and analyzed using a JOBIN YVON MODEL JY 32 1987 ICP Emission Spectrophotometer for Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Hg, La, Mg, Mo, Mn, Ni, P, Pb, Sb, Si, Sr, Ti, U, V, W, Zn.

1999 Yukon - White Rock Samples

Sample #	Au_PPB	Ag	Al_%	As	Ba	Bi	Ca_%	Cd	Co	Cr	Cu	Fe_%	La	Mg_%	Mn	Mo	Na_%	Ni_	P	Pb	Sb	Sn	Sr	Ti_%	U	V	W	Y	Zn
6949	145	1.0	<0.01	5	15	<5	0.04	<1	<1	203	18	0.31	<10	<0.01	54	4	<0.01	5	<10	44	<5	<20	<1	<0.01	<10	1	<10	<1	<1
6950	80	0.2	0.05	945	75	<5	0.07	<1	2	207	7	1.41	<10	<0.01	54	7	<0.01	7	390	8	25	<20	62	<0.01	<10	16	<10	<1	<1
6977	5	15.0	0.31	<5	20	<5	0.17	9	5	213	127	1.08	<10	0.28	94	9	0.03	11	<10	2126	<5	<20	17	0.01	<10	9	<10	<1	586
6978	<5	<0.2	1.24	<5	160	10	1.20	<1	20	310	21	1.87	<10	1.66	2769	<1	0.07	142	380	20	15	<20	21	0.10	<10	47	<10	11	21
6979	<5	<0.2	0.26	<5	10	<5	0.74	<1	6	107	40	0.88	<10	0.38	175	3	0.03	18	740	4	5	<20	32	0.04	<10	11	<10	6	12
6980	<5	<0.2	0.31	<5	1295	<5	0.56	<1	<1	93	14	0.88	<10	0.14	202	2	0.04	3	130	18	<5	<20	69	<0.01	<10	9	<10	7	25
6981	<5	<0.2	0.41	<5	185	<5	0.48	<1	5	117	24	1.46	<10	0.26	87	5	0.09	5	200	8	<5	<20	17	0.04	<10	15	<10	3	3
6982	25	0.2	0.13	290	205	<5	0.54	1	1	59	8	0.91	<10	0.20	478	2	0.03	12	130	6	10	<20	72	<0.01	<10	12	<10	6	31
6983	125	0.4	0.53	1020	250	<5	1.44	3	18	177	65	3.55	10	1.12	640	9	0.01	74	610	10	30	<20	288	0.02	<10	36	<10	17	90
6984	<5	0.4	0.29	5	75	<5	0.24	<1	2	89	13	0.71	<10	0.07	141	1	0.08	5	190	6	<5	<20	62	0.02	<10	15	<10	6	11
6985	<5	<0.2	0.13	55	45	<5	0.12	<1	2	89	17	0.77	<10	0.02	217	4	0.04	8	210	8	<5	<20	27	<0.01	<10	15	<10	7	23
6986	<5	0.4	0.13	45	55	<5	0.24	<1	2	93	13	0.76	<10	0.07	318	2	0.04	7	170	4	<5	<20	40	<0.01	<10	10	<10	10	18
6987	100	8.0	0.20	55	80	30	0.02	2	61	87	105	>10	<10	<0.01	28	12	<0.01	26	<10	34	230	<20	<1	<0.01	10	3	<10	<1	23
6988	210	0.4	0.19	345	95	<5	0.52	<1	1	97	30	1.08	<10	0.01	206	3	0.02	4	220	8	5	<20	67	<0.01	<10	5	<10	4	11
6989	20	1.4	0.13	100	220	<5	0.02	<1	<1	85	55	0.97	10	<0.01	47	1	0.05	7	210	6	<5	<20	38	<0.01	<10	7	<10	<1	22
6990	<5	<0.2	0.12	270	15	<5	0.02	<1	2	96	15	0.75	<10	<0.01	33	2	0.08	4	110	6	<5	<20	39	<0.01	<10	3	<10	<1	8
6991	<5	0.4	0.12	170	45	<5	0.02	<1	2	104	18	1.02	<10	<0.01	32	<1	0.10	8	120	2	<5	<20	26	<0.01	<10	4	<10	<1	22
6992	10	1.0	0.11	205	20	<5	0.02	<1	1	68	4	0.84	<10	<0.01	26	4	0.11	3	70	18	<5	<20	25	<0.01	<10	2	<10	<1	8
6993	10	0.2	0.07	<5	15	<5	3.44	<1	4	166	18	0.57	<10	0.21	361	5	<0.01	6	<10	<2	5	<20	33	<0.01	<10	3	<10	5	<1
6994	<5	<0.2	1.86	<5	30	10	6.54	<1	16	72	24	3.46	<10	1.48	699	5	0.03	3	1130	14	15	<20	61	0.03	<10	60	<10	5	36
6995	<5	<0.2	0.38	<5	10	<5	1.65	9	10	110	134	2.09	<10	0.10	194	<1	<0.01	32	350	60	<5	<20	53	0.11	<10	8	<10	3	694
6996	<5	<0.2	1.70	5	25	5	6.15	<1	34	83	139	4.39	<10	1.56	936	<1	0.01	38	880	18	15	<20	143	0.17	<10	56	<10	8	43
7051	65	0.4	0.17	2150	95	<5	0.08	5	7	184	31	2.09	<10	0.01	83	6	<0.01	15	170	2	20	<20	77	<0.01	<10	16	<10	2	23
7052	20	1.6	0.02	60	10	<5	0.03	<1	1	204	9	0.82	<10	<0.01	76	9	<0.01	8	50	42	<5	<20	<1	<0.01	<10	4	<10	<1	<1
7053	<5	<0.2	<0.01	<5	150	<5	0.01	<1	<1	200	3	0.24	<10	<0.01	29	5	<0.01	4	<10	<2	<5	<20	<1	<0.01	<10	<1	<10	<1	<1
7054	10	0.4	0.10	15	930	<5	0.03	<1	<1	174	4	0.25	<10	0.01	35	8	<0.01	6	30	6	<5	<20	6	<0.01	<10	3	<10	<1	<1
7129	<5	<0.2	0.02	<5	35	<5	<0.01	<1	<1	204	5	0.40	<10	<0.01	46	5	<0.01	6	20	<2	<5	<20	<1	<0.01	<10	<1	<10	<1	<1
7130	145	3.0	0.09	1560	60	<5	0.03	3	<1	181	9	0.96	<10	<0.01	33	12	<0.01	5	1000	32	10	<20	22	<0.01	<10	14	<10	<1	1
7131	<5	<0.2	0.58	15	130	<5	0.30	<1	14	196	28	1.19	<10	0.57	152	2	0.05	69	230	6	5	<20	9	0.06	<10	43	<10	15	50
7132	<5	0.8	0.12	100	125	<5	0.03	<1	2	144	21	1.08	<10	<0.01	68	7	0.05	9	140	4	<5	<20	37	<0.01	<10	3	<10	<1	16
7133	<5	<0.2	0.19	15	310	<5	0.12	<1	1	171	33	1.10	10	0.10	59	4	0.03	14	400	6	<5	<20	29	0.03	<10	36	<10	15	40
7134	5	<0.2	0.12	40	240	<5	1.16	<1	<1	118	9	0.76	<10	0.03	292	<1	0.04	7	230	8	<5	<20	168	<0.01	<10	8	<10	12	16
7135	>1000	0.4	0.16	615	365	<5	0.04	2	<1	123	16	1.02	<10	0.01	129	3	0.02	6	140	8	<5	<20	25	<0.01	<10	7	<10	2	20

Sample #	Au_PPB	Ag	Al_%	As	Ba	Bi	Ca_%	Cd	Co	Cr	Cu	Fe_%	La	Mg_%	Mn	Mo	Na_%	Ni_	P	Pb	Sb	Sn	Sr	Ti_%	U	V	W	Y	Zn
7136	5	1.2	0.13	35	145	<5	0.06	<1	2	145	22	1.38	<10	0.01	84	1	0.08	9	170	284	5	<20	42	<0.01	<10	6	<10	<1	19
7137	30	<0.2	0.15	40	85	<5	0.18	<1	2	117	27	1.01	<10	0.01	171	4	0.05	6	240	14	<5	<20	51	<0.01	<10	4	<10	6	13
7138	920	0.6	0.21	795	90	<5	0.28	2	2	115	24	1.04	10	0.03	266	3	0.01	5	220	8	<5	<20	38	<0.01	<10	8	<10	9	13
7139	165	0.2	0.05	85	65	<5	0.04	<1	<1	198	6	0.40	<10	<0.01	122	5	<0.01	6	50	<2	<5	<20	<1	<0.01	<10	2	<10	<1	<1
7140	10	<0.2	0.18	<5	225	<5	0.72	<1	4	113	13	1.72	20	0.12	403	4	0.03	5	320	6	<5	<20	16	<0.01	<10	9	<10	14	31
7141	15	0.8	0.01	<5	<5	<5	0.05	<1	<1	210	244	0.32	<10	<0.01	29	5	<0.01	6	<10	2	<5	<20	<1	<0.01	<10	2	<10	1	<1

Eco-Tech LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
email: ecotech@mail.wkpowerlink.com

CERTIFICATE OF ASSAY AK 99-319

TECK EXPLORATION LTD.
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

16-Aug-99

ATTENTION: JEAN PAUTLER

No. of samples received: 39
Sample Type: Rock
PROJECT #: 1765-W
SHIPMENT #: None Given
Samples submitted by: J. Pautler

ET #.	Tag #	Au (g/t)	Au (oz/t)
34	7135	1.50	0.044

QC/DATA:

Repeat:

34	7135	1.48	0.043

Standard:

STD-M	1.41	0.041

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/99

1999 - white silt(L) soil(S) and moss mat(M) samples.

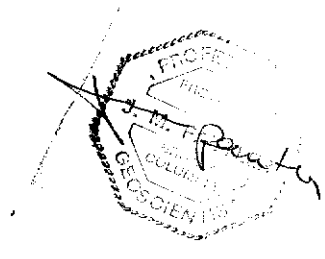
Sample #	Au_PPB	Ag	Al_%	As	Ba	Bi	Ca_%	Cd	Co	Cr	Cu	Fe_%	La	Mg_%	Mn	Mo	Na_%	Ni_	P	Pb	Sb	Sn	Sr	Ti_%	U	V	W	Y	Zn
W-L 662	5	<0.2	1.24	<5	230	10	0.59	<1	11	16	29	2.71	<10	0.62	394	<1	0.02	14	820	8	<5	<20	41	0.09	<10	54	<10	22	55
W-L 663	<5	<0.2	2.22	<5	300	10	1.04	1	22	19	42	5.36	10	1.27	1889	<1	0.02	9	1180	14	<5	<20	81	0.16	<10	114	<10	25	61
W-L 664	5	<0.2	1.23	<5	185	5	0.60	<1	14	16	20	3.33	<10	0.53	467	<1	0.02	10	890	8	<5	<20	22	0.09	<10	67	<10	25	52
W-L 668	5	<0.2	0.88	75	255	5	0.34	<1	16	57	40	2.82	10	0.65	1242	2	0.01	66	790	14	<5	<20	35	0.05	<10	42	<10	14	68
W-L 669	<5	<0.2	0.97	30	220	<5	0.95	<1	13	62	24	2.49	10	0.77	538	<1	0.01	63	680	12	5	<20	59	0.06	<10	43	<10	15	55
W-L 670	<5	<0.2	0.95	10	195	<5	0.51	<1	12	53	29	2.21	<10	0.78	338	<1	0.01	39	790	6	<5	<20	15	0.06	<10	48	<10	13	40
W-L 671	5	<0.2	0.88	10	190	<5	0.43	<1	13	47	29	2.57	<10	0.72	484	<1	0.01	29	870	6	<5	<20	21	0.06	<10	55	<10	9	38
W-L 672	<5	<0.2	1.35	45	295	10	2.23	<1	17	65	36	3.25	20	0.95	865	<1	0.02	67	800	16	<5	<20	135	0.08	<10	53	<10	24	68
W-M-898	25	<0.2	0.95	5	200	<5	0.58	<1	10	43	25	1.83	10	0.56	293	<1	0.02	30	910	6	<5	<20	27	0.08	<10	46	<10	26	38
W-M-899	60	<0.2	1.13	35	500	<5	0.62	<1	11	69	34	2.09	<10	0.52	425	<1	0.02	36	1070	8	5	<20	32	0.06	<10	50	<10	20	52
W-M667	<5	<0.2	1.18	25	250	10	0.41	3	19	94	29	2.45	20	0.99	481	<1	0.01	83	740	10	10	<20	12	0.07	<10	50	<10	22	59
W-S-277	<5	<0.2	1.09	5	365	<5	0.54	<1	8	24	21	2.28	10	0.41	362	1	0.02	18	700	10	<5	<20	34	0.05	<10	49	<10	22	42
W-S-278	<5	<0.2	1.25	5	365	5	0.53	<1	10	29	15	2.50	10	0.44	459	<1	0.02	22	640	12	<5	<20	28	0.06	<10	53	<10	16	60
W-S-279	<5	<0.2	1.25	10	300	<5	0.50	<1	11	32	15	2.51	10	0.47	348	<1	0.02	23	460	12	<5	<20	27	0.06	<10	54	<10	17	55
W-S-280	<5	<0.2	1.22	10	360	10	0.58	<1	11	30	16	2.56	10	0.49	622	<1	0.02	24	660	12	<5	<20	31	0.06	<10	53	<10	24	72
W-S-281	<5	<0.2	1.31	10	335	10	0.56	<1	11	30	21	2.66	10	0.48	410	<1	0.02	22	560	14	<5	<20	36	0.06	<10	58	<10	19	77
W-S-282	<5	<0.2	0.90	10	225	5	0.57	<1	11	26	24	2.22	10	0.47	422	<1	0.02	27	860	10	<5	<20	33	0.06	<10	46	<10	26	49
W-S-283	15	<0.2	1.07	20	335	<5	0.93	<1	11	27	30	2.30	10	0.47	405	<1	0.03	28	870	12	<5	<20	47	0.07	<10	45	<10	28	53
W-S-284	110	<0.2	1.00	60	225	<5	0.77	<1	11	30	25	2.38	20	0.53	322	<1	0.03	25	1130	10	<5	<20	45	0.08	<10	49	<10	29	57
W-S-285	10	<0.2	1.21	25	345	5	0.68	1	11	28	21	2.51	10	0.48	508	<1	0.03	24	600	12	<5	<20	38	0.06	<10	54	<10	18	59
W-S-286	<5	<0.2	1.09	45	310	<5	0.76	1	8	25	33	2.42	10	0.34	316	<1	0.03	18	780	12	<5	<20	47	0.05	<10	56	<10	13	70
W-S-287	<5	<0.2	1.15	35	380	<5	0.82	1	12	25	56	2.92	20	0.38	272	4	0.02	30	950	16	<5	<20	72	0.04	<10	49	<10	27	94
W-S-288	<5	<0.2	1.28	145	245	<5	0.49	2	16	29	42	3.41	20	0.45	359	3	0.02	44	960	14	<5	<20	62	0.04	<10	52	<10	35	129
W-S-289		NO SAMPLE																											
W-S-290	25	<0.2	0.88	110	295	<5	0.78	2	7	21	41	2.25	10	0.28	208	2	0.03	17	1240	8	10	<20	49	0.05	<10	42	<10	10	56
W-S-291	10	<0.2	1.09	60	290	<5	0.68	<1	10	25	29	2.54	20	0.42	387	2	0.02	22	940	12	<5	<20	38	0.04	<10	46	<10	25	61
W-S-292	<5	<0.2	0.95	5	490	<5	4.34	5	8	23	51	1.90	10	0.52	806	1	0.03	35	2800	6	10	<20	165	0.03	<10	34	<10	22	146
W-S-293	95	0.4	0.97	60	530	<5	1.14	3	10	23	138	2.67	10	0.41	448	4	0.03	46	1750	10	5	<20	88	0.03	<10	47	<10	37	129
W-S-294	5	<0.2	1.19	15	285	10	0.67	<1	10	34	22	2.49	10	0.64	267	<1	0.02	22	930	12	<5	<20	39	0.08	<10	55	<10	22	70
W-S-295	10	<0.2	1.16	15	285	5	0.73	<1	11	28	22	2.52	10	0.48	212	<1	0.02	22	600	12	<5	<20	42	0.06	<10	52	<10	20	54

Sample #	Au_PPB	Ag	Al_%	As	Ba	Bi	Ca_%	Cd	Co	Cr	Cu	Fe_%	La	Mg_%	Mn	Mo	Na_%	Ni_	P	Pb	Sb	Sn	Sr	Ti_%	U	V	W	Y	Zn
W-S-296	20	<0.2	1.44	30	445	<5	0.90	1	15	45	48	3.12	20	0.81	432	<1	0.02	44	980	14	<5	<20	49	0.08	<10	65	<10	35	93
W-S-297	5	<0.2	1.30	15	260	<5	0.42	<1	14	31	26	2.80	20	0.53	255	<1	0.02	27	620	14	<5	<20	32	0.07	<10	57	<10	17	68
W-S-298	10	<0.2	1.33	15	310	<5	0.63	<1	12	30	27	2.73	10	0.50	485	1	0.02	27	590	14	<5	<20	38	0.06	<10	56	<10	20	77
W-S-299	5	<0.2	1.22	10	290	<5	0.58	<1	11	27	17	2.46	10	0.51	455	<1	0.03	21	700	12	5	<20	35	0.06	<10	54	<10	18	55
W-S-300	<5	<0.2	1.21	10	315	5	0.52	<1	9	27	16	2.37	10	0.46	300	<1	0.02	21	620	12	<5	<20	32	0.05	<10	51	<10	23	47
W-S-301	5	<0.2	1.13	5	265	5	0.55	<1	8	26	15	2.20	10	0.47	213	<1	0.02	18	760	12	<5	<20	32	0.06	<10	46	<10	24	47
W-S-302	5	<0.2	1.14	10	290	5	0.75	<1	10	27	19	2.32	10	0.52	323	<1	0.02	22	900	12	<5	<20	46	0.05	<10	48	<10	26	51
W-S-303	5	<0.2	1.05	<5	370	5	0.78	<1	10	26	23	2.32	10	0.55	492	<1	0.03	27	900	12	<5	<20	45	0.06	<10	45	<10	30	56
W-S-304	10	<0.2	1.11	10	335	5	0.63	<1	11	28	22	2.46	10	0.54	474	<1	0.02	26	960	12	<5	<20	34	0.06	<10	47	<10	31	56
W-S-305	10	<0.2	1.24	10	325	10	0.62	<1	9	27	15	2.34	10	0.44	206	<1	0.02	20	560	12	<5	<20	37	0.06	<10	51	<10	19	52
W-S-306	10	<0.2	1.19	5	315	<5	0.59	<1	11	29	16	2.42	10	0.51	501	<1	0.02	27	750	14	<5	<20	35	0.06	<10	48	<10	26	55
W-S-307	5	<0.2	1.21	10	315	10	0.59	<1	11	32	16	2.62	20	0.50	328	<1	0.02	24	830	14	<5	<20	33	0.06	<10	51	<10	24	50
W-S-308	5	<0.2	1.21	10	280	5	0.51	<1	11	32	13	2.47	10	0.51	323	<1	0.02	24	730	16	<5	<20	31	0.07	<10	49	<10	27	49
W-S-309	5	<0.2	1.30	20	340	5	0.53	<1	11	29	14	2.61	10	0.51	324	<1	0.02	23	600	16	<5	<20	31	0.06	<10	55	<10	18	53
W-S-310	<5	<0.2	1.41	15	320	<5	0.50	<1	12	35	16	2.74	10	0.50	404	<1	0.02	25	550	14	<5	<20	27	0.07	<10	58	<10	23	76
W-S-628	5	<0.2	0.93	10	250	5	0.69	<1	10	23	22	2.23	10	0.48	391	<1	0.02	23	950	10	<5	<20	42	0.06	<10	47	<10	25	45
W-S-629	<5	<0.2	1.07	15	255	<5	0.52	<1	9	24	14	2.28	10	0.43	309	<1	0.02	19	790	12	<5	<20	37	0.05	<10	51	<10	20	39
W-S-630	5	<0.2	1.10	5	275	<5	0.43	<1	9	22	12	2.23	<10	0.36	355	1	0.02	16	530	12	<5	<20	24	0.05	<10	48	<10	10	54
W-S-631	<5	<0.2	1.16	<5	370	5	0.63	1	10	26	17	2.43	10	0.44	618	<1	0.02	22	700	12	<5	<20	34	0.05	<10	48	<10	19	83
W-S-632	5	<0.2	1.10	5	325	5	0.58	<1	10	27	18	2.39	10	0.47	423	<1	0.02	24	770	10	<5	<20	33	0.05	<10	47	<10	22	63
W-S-633	<5	<0.2	2.33	40	740	5	0.88	1	22	125	96	5.12	20	1.58	859	4	0.02	105	2110	20	10	<20	47	0.12	<10	153	<10	40	241
W-S-634	<5	<0.2	1.26	10	450	5	0.91	<1	11	30	35	2.67	10	0.49	695	<1	0.03	34	750	12	<5	<20	49	0.05	<10	55	<10	28	87
W-S-635	365	<0.2	0.95	630	530	<5	0.49	3	6	30	43	4.37	20	0.33	191	5	0.02	31	1050	14	155	<20	83	0.03	<10	54	<10	9	94
W-S-636	5	<0.2	1.06	20	265	<5	0.57	<1	11	26	14	2.42	10	0.50	361	<1	0.02	23	920	12	<5	<20	34	0.05	<10	47	<10	20	59
W-S-637	<5	<0.2	1.08	10	445	<5	1.12	<1	9	24	24	2.28	10	0.45	528	<1	0.03	27	660	10	5	<20	51	0.05	<10	43	<10	19	60
W-S-638	10	<0.2	1.32	15	475	<5	0.85	<1	10	28	28	2.66	10	0.46	578	<1	0.03	28	690	14	<5	<20	50	0.05	<10	53	<10	26	105
W-S-639	<5	<0.2	1.21	20	465	<5	0.71	<1	10	25	28	2.57	10	0.41	774	<1	0.03	24	590	12	<5	<20	45	0.05	<10	49	<10	20	81
W-S-640	<5	<0.2	1.24	15	445	<5	0.61	<1	10	25	27	2.47	10	0.42	825	<1	0.03	25	520	12	<5	<20	36	0.05	<10	51	<10	22	64
W-S-641	<5	<0.2	1.17	10	405	5	0.68	<1	10	25	23	2.39	10	0.45	704	<1	0.02	24	670	12	<5	<20	42	0.05	<10	49	<10	26	52
W-S-642	<5	<0.2	1.12	15	360	<5	0.81	<1	11	27	27	2.46	10	0.49	503	<1	0.02	27	770	12	<5	<20	49	0.05	<10	48	<10	28	52
W-S-643	<5	<0.2	1.25	5	415	5	0.69	<1	11	27	25	2.54	10	0.47	866	<1	0.03	27	530	12	<5	<20	38	0.06	<10	49	<10	20	74
W-S-644	<5	<0.2	1.03	15	375	5	0.43	1	14	39	63	3.70	20	0.33	478	4	0.02	66	1000	14	<5	<20	38	0.03	<10	49	<10	38	181
W-S-645	<5	<0.2	1.13	10	305	<5	0.53	<1	9	25	15	2.28	10	0.43	326	<1	0.02	19	590	12	5	<20	31	0.05	<10	48	<10	18	49
W-S-646	<5	<0.2	1.06	10	265	<5	0.49	<1	9	24	18	2.32	10	0.43	343	<1	0.02	19	600	12	<5	<20	30	0.06	<10	49	<10	18	46
W-S-647	<5	<0.2	1.06	5	235	10	0.54	<1	10	24	11	2.28	10	0.45	297	<1	0.02	17	780	12	<5	<20	33	0.06	<10	48	<10	16	48

Sample #	Au_PPB	Ag	Al_%	As	Ba	Bi	Ca_%	Cd	Co	Cr	Cu	Fe_%	La	Mg_%	Mn	Mo	Na_%	Ni_	P	Pb	Sb	Sn	Sr	Ti_%	U	V	W	Y	Zn
W-S-648	5	<0.2	1.19	<5	395	5	0.54	2	11	24	25	2.36	10	0.39	1139	<1	0.02	24	660	12	<5	<20	33	0.06	<10	49	<10	21	79
W-S-649	<5	<0.2	1.12	10	310	<5	0.52	<1	9	25	11	2.16	<10	0.44	369	<1	0.02	19	710	12	5	<20	30	0.05	<10	46	<10	14	58
W-S-650	<5	<0.2	1.14	<5	295	5	0.48	<1	9	23	13	2.21	<10	0.38	534	<1	0.02	18	530	12	<5	<20	26	0.06	<10	48	<10	15	62
W-S-651	<5	<0.2	1.19	5	335	<5	0.56	<1	11	27	18	2.44	10	0.43	500	<1	0.02	24	630	12	<5	<20	30	0.06	<10	49	<10	24	68
W-S-652	<5	<0.2	1.19	10	315	<5	0.55	<1	11	28	13	2.47	10	0.46	351	<1	0.02	21	590	14	<5	<20	29	0.06	<10	51	<10	17	58
W-S-653	<5	<0.2	1.32	<5	380	5	0.47	1	11	26	15	2.55	<10	0.41	636	<1	0.02	22	450	14	<5	<20	26	0.06	<10	55	<10	12	70
W-S-654	<5	<0.2	1.24	15	310	10	0.48	<1	11	28	13	2.49	10	0.44	372	1	0.02	21	600	14	<5	<20	27	0.05	<10	53	<10	13	55
W-S-655	<5	<0.2	1.24	5	325	5	0.48	1	9	28	13	2.42	<10	0.42	374	<1	0.02	21	370	12	<5	<20	22	0.06	<10	52	<10	10	57
W-S-656	<5	<0.2	1.33	10	400	10	0.65	<1	12	28	15	2.66	<10	0.44	831	<1	0.02	23	470	14	<5	<20	32	0.07	<10	55	<10	13	72
W-S-657	<5	<0.2	1.30	10	340	10	0.54	<1	11	30	15	2.57	<10	0.48	603	<1	0.02	22	540	14	<5	<20	29	0.06	<10	54	<10	14	62
W-S-658	<5	<0.2	1.21	10	290	10	0.49	<1	11	30	13	2.50	10	0.45	347	<1	0.02	21	580	14	<5	<20	27	0.06	<10	51	<10	15	57
W-S-659	<5	<0.2	1.31	10	330	5	0.45	1	11	31	12	2.56	<10	0.42	406	<1	0.02	20	570	14	<5	<20	24	0.07	<10	54	<10	12	62
W-S-660	<5	<0.2	1.18	5	380	<5	0.48	<1	11	26	14	2.41	<10	0.42	595	<1	0.02	20	530	14	<5	<20	29	0.06	<10	48	<10	13	62
W-S-661	<5	<0.2	1.37	<5	435	5	0.55	<1	13	29	15	2.75	<10	0.43	1056	<1	0.02	22	800	14	<5	<20	34	0.08	<10	54	<10	13	140

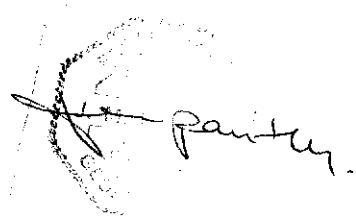
APPENDIX III - Statement of Expenditures
White 1-83,88-89, Dawson M.D.

Wages:	J. Pautler	5 days @ 300.00/day	$1,500.00	
	E. A. Archibald	5 days @ 200.00/day	1,000.00	
	M. L. Papageorge	5 days @ 240.00/day	1,200.00	
		Total: 15 man-days		**$ 3,700.00**
Groceries:	15 man-days @ $ 20.00/md			**300.00**
Meals, Accommodation:	6 man-days @ $75.00/ea.			**450.00**
Field Supplies:	(flagging tape, thread, sample bags) 15 man-days @ $15.00			**225.00**
Camp Supplies:	(Propane, tents, hardware, etc.) 10 days @ $25.00			**250.00**
Truck/Gas:	8 days @ $50/day + $100. fuel			**500.00**
Equipment Rental:	Satellite Phone @ $250/mo. for 8 days		67.00	
	Handheld radios @ $375/mo. for 8 days		100.00	
		Total:		**167.00**
Air Charter:	Trans North Helicopters, Dawson City, Y.T. (July 25, 30)			
	2.4 hrs @ $ 750.00/hr incl. fuel	**Total:**		**1,800.00**
Geochemistry:	64 soils @ 17.00 ea.	Au, ICP	1088.00	
	39 rocks @ 20.00 ea.	Au, ICP	780.00	
	1 stream sed @ 17.00 ea.	Au, ICP	17.00	
	Shipping:		250.00	
		Total:		**2,135.00**
Maps & Prints:				**200.00**
Report & Drafting:				**$ 700.00**
		GRAND TOTAL:		**$ 9,527.00**
Total Amount Applied for Assessment				**$ 8,500.00**



APPENDIX IV - Statement of Expenditures for White 84-87, 90-91, Whitehorse M.D.

Wages:	J. Pautler 1 day @ 300.00/day $ 300	
	Total: 1 man-day	**$ 300.00**
Groceries:	1 man-day @ $ 20.00/md	**20.00**
Meals, Accommodation:	1 man-day @ $75.00/ea.	**75.00**
Field Supplies:	(flagging tape, thread, sample bags) 1 man-day @ $15.00	**15.00**
Camp Supplies:	(Propane, tents, hardware, etc.) 1 day @ $25.00	**25.00**
Truck/Gas:	1 days @ $50/day	**50.00**
Air Charter:	Trans North Helicopters, Dawson City, Y.T. (July 25)	
	0.4 hrs @ $ 750.00/hr incl. fuel Total:	**300.00**
Maps & Prints:		**100.00**
Report & Drafting:		**$ 100.00**
	GRAND TOTAL:	**$ 985.00**
Total Amount Applied for Assessment		**$ 600.00**



APPENDIX V

STATEMENT OF QUALIFICATION

I, Jean Marie Pautler, do hereby certify that:

1) I am a geologist with more than twenty years of field experience.

2) I am a graduate of Laurentian University, Sudbury, Ontario with an Honours B.Sc. degree in geology (May, 1980).

3) I am a Professional Geoscientist, registered in the province of British Columbia.

4) I supervised and conducted exploration on the White Claim Group between July 25 and 30, 1999.

Jean Pautler
Senior Project Geologist.

APPENDIX VI

STATEMENT OF QUALIFICATION

I, Michael Lyndon Papageorge, do hereby certify that:

1) I am a geologist with more than four years of field experience.

2) I am a graduate of the University of British Columbia, Vancouver, B.C. with an Honours B.Sc. degree in geology (May, 1997).

3) I conducted exploration on the White Claim Group between July 25 and 30th , 1999.

Mike Papageorge
Geologist.

WHITE CLAIM BOUNDARY

TEACHER SHOWING
374 (130)
375 (1.68g/t)
376 (6.84g/t)
377 (916)
378 (4.46g/t)

CAMP

SHAMROCK

NORTHERN LIGHTS

Principal Creek

Minneapolis Creek

White River

BM 1192

BM 1197

0 500 metres
1:10,000

LEGEND

CRETACEOUS - TERTIARY
- 2 Granite
- 2f Megacrystic feldspar porphyry

PROTEROZOIC and/or PALEOZOIC
- 1 Metamorphic Rocks
- 1b Biotite granodiorite gneiss
- 1d Quartzite
- 1g Amphibolite gneiss, minor gabbro, pyroxenite

SYMBOLS

Sample no. 07139 (5) Au ppb
- Rock Sample in place, float
- Stream Sediment Sample
- Minfile Occurence
- Actual Claim Post Locations

- Outcrop
- Subcrop
- Float
- Geological Contact
- qtz quartz
- gfic graphitic
- bx breccia

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KAMLOOPS, BRITISH COLUMBIA

WHITE PROPERTY
GEOLOGY and GEOCHEMISTRY

SCALE: 1:10,000	NTS No: 115 O	DRAWN BY: S.A	FIGURE 2