YMIP 07-036

YEIP
2007
-036

YMIP REPORT

In the Jackson creek valley

WHITEHORSE,
YUKON TERRITORY

NTS 105 D/11
ZONE 8
LATITUDE 60-42 N
LONGITUDE 135-16W

WHITEHORSE MINING DISTRICT
YUKON TERRITORY

by

SID McKEOWN
WHITEHORSE, YUKON
JANUARY 2008

INTRODUCTION

This report describes the exploration work carried out in the Jackon cr. valley, located 18 km west of the City of Whitehorse, The area consists of Upper Triassic Lewes River Group limestone, intruded by mid-Cretaceous quartz monzonite and granodiorite of the Jackson Creek Pluton. Mineralization is typical of skarns of the Whitehorse Copper Belt as well as showing potential for low grade bulk tonnage gold mineralization. The work consisted of prospecting, gridding, and rock and soil sampling. Total expenditures amount to $14,258.23Work was carried out under the 2007 YMIP program.

LOCATION, AND ACCESS

The Jackson creek valley is located 18 km west of the City of Whitehorse, Yukon Territory, and 3km west of Jackson Lakes. Access is by a 9 km four-wheel drive road from kilometer 12 on the Fish Lake road. The road ends 5.3 km past Franklin lk.

TOPOGRAPHY, CLIMATE

The area of interest in the Jackson creek is the north side Jackson Creek. Elevation ranges from 3300' to 4700'. Outcrop exposure is approximately 25%.

The climate of the area varies from a high of +30C in the summer to lows of -40C during the winter. Typical are long hot summers (May to September) with up to 18 hours of daylight and moderate to harsh winters (October to April) with less than 7 hours of daylight.

Black spruce is the most common tree species in the area. These favor the NE side of valleys and are a common indicator of local permafrost. More exposed areas have a mixture of white and black spruce with occasional pine. In the most exposed areas aspen colonies are well established. Willows are abundant in the valleys and low areas.

EXPLORATION HISTORY

Copper mineralization was reported in the Whitehorse area by miners traveling to the Klondike in 1897. Mr. Jack McIntyre staked the Copper King claim in 1898. Ore was first shipped from the Copper King in 1900. Prospecting in the area generated many mines including the; Arctic Chief, the Pueblo Mine, the Little Chief, War Eagle and

others. Mining, milling, the shipping of copper ore continued till the 1980's. Total production from 1898 to 1982 was 10,130,000 tonnes grading 1.5% Cu.

Property history is taken from Yukon Minfile 105D #076. The Nana 1-4 claims occupy the ground formally staked as the Ruth claims.

> *"Staked as Grouse, etc. cl (Y63484) in Jul/70 by S. Takacs and E. Kreft, who added small blocks of fringe claims annually, including Gear cl (Y91133) in Sep/74. Explored with hand trenching and bulldozer trenching in 1970-72; with mapping, mag survey and 6 holes (445 m) by New Jersey Zinc (Grouse #4 and Ray #2 claims) under a brief option in 1972; and with more mapping, geochem surveys and bulldozer trenching in 1974, a magnetic survey and 6 holes (427 m) on the Gear claims in 1975 and 4 holes (472.4 m) in 1976 by Whitehorse Copper ML under option. Takacs drilled one hole (34.7 m) in 1979, 6 holes (36.0 m) in 1981, trenched in 1982, drilled 3 holes (92.4 m) in 1983, trenched and drilled 3 holes (35 m) in 1984 and added the Raven cl (YA93376) to the south in Sep/85. Kreft tied on the Ruth (YA94118) and Beaver cl (YA93146) in Aug/85 and Jan/86, respectively, and together with Takacs performed geological mapping, bulldozer trenching and 4 drill holes (455 m) on the Ruth cl. A. Olsson staked Dianne cl (YB27625) in Jul/90 and trenched in 1991.S.J. Takacs restaked the occurrence as Marie 1-4 cl (YB37478) in Sep/92. The Falcon 1-10 cl (YB46474) were staked nearby by R. Voisine in Oct/93."*

REGIONAL GEOLOGY

The Whitehorse Copper Belt is located in the Whitehorse Trough a subdivision of the Intermontane Belt. The Whitehorse Trough is a NW trending Island Arc Complex containing clastic and carbonate rocks ranging from upper Paleozoic to Jurassic. Rocks of the Triassic Lewes River Group and lower Jurassic Laberge group are found in the Whitehorse Copper Belt. A Cretaceous quartz monzonite to granodiorite batholith intrudes to the west resulting in the significant copper skarn mineralization of the Whitehorse Copper Belt.

PROPERTY GEOLOGY AND EXPLORATION

Rocks of three units are exposed on the property (see fig 3). The western half of the property is drift covered overlying probable granodiorite of the Jackson Cr. Pluton. The north east portion of the property contains numerous exposure of granodiorite intruding Lewes River Group limestone. This has resulted in the development of intense skarnification. Skarns range from garnet-diopside with epidote to magnetite\hematite rich. Skarn widths average 2-4 meters.

Work consisted prospecting and the collection of 69 soil and rock samples. Soil samples were collected on 2 flagged soil lines totaling 2 kilometers. Samples were dried and sent to eco-tec laboratory in Kamloops B.C. and were assayed for Au plus 32 element ICP.

A second larger soil grid { 8km } was located along the base of the out crop on the east side of the valley to the creek.. An area covered in pine and spruce trees thinning to poplars and the buck brush up hill. Access was bad there this year due to a very large was out 4.7km before the main area of exploration intrest, hampering work by the amount of walking that need to be done. The soils in the plotted area were very shallow and mostly organics and the hill side was very steep and full of bluffs and out crop exposure is good .The line was canceled for soils and ground prospecting was carried out along the tree line and up into the steep bluffs. The old trenches reported in historical documentation were located and with a bit of digging some nice scarn minerialisation was found in place. Consisting of magnetite, epidote and actinolite on the contact of the buff gray limestone.in two different locations. See attached map # .The recent trenching does show greater potential for copper/gold low grade large tonnage deposit, now extended almost 1.7km from the drilled showing on the nana claims. The two new zones containing up to 92 g/t ag and 5.12% zn as well as greater than 0.6% copper and only low gold were returned. See figure 6. Claims were staked to cover the newfound showings. On Oct. 14 – 21 a D6M caterpillar dozer was on the nana claims and all the wash outs were repaired on both the lower road in the valley as well as the road to get to the top and around the back side on the hill, making next seasons work much easier to access. All information has been gone over and checked by Aurum geological of Whitehorse.

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CONCLUSIONS and RECOMMENDATIONS

Work this year under the YMIP program confirmed the high potential for copper/gold skarns down the valley suggesting the possibility of a low grade bulk tonnage copper gold deposit with high grade zones contained within.

All historic data available will scanned, digitized and compiled into a ,model of the property and immediate area by Aurum Geological of Whitehorse .I have been in contact with a company that is interested in optioning the property at which time a compilation of data and property wide Mag/VLF survey should be conducted. After this detailed EM and IP surveys should be performed on anomalous areas. At the same time the area should be geological mapped in detail. Estimated costs are $35,000.

The next phase should consist of diamond drilling of theanomalous areas. Several deep holes should also be considered to test an increase in skarnification at depth.
Estimated costs are $75,000- $150,000.

CERTIFICATE OF ASSAY AW 2007-7556

Sid Rock
13 Denver Road
Whitehose, YK

18-Jan-08

No. of samples received: 23
Sample Type: Rock
Submitted by: Sid McKeown

ET #.	Tag #	Ag (g/t)	Ag (oz/t)	Cu (%)	Zn (%)
14	EVE 78 R.S #2 OLD TREN.	103	3.00	7.20	
23	NANA TOP CUT #8	92.0	2.68		5.12

QC DATA:

Repeat:

14	EVE 78 R.S #2 OLD TREN.	104	3.03	7.30	
23	NANA TOP CUT #8				4.83

Standard:

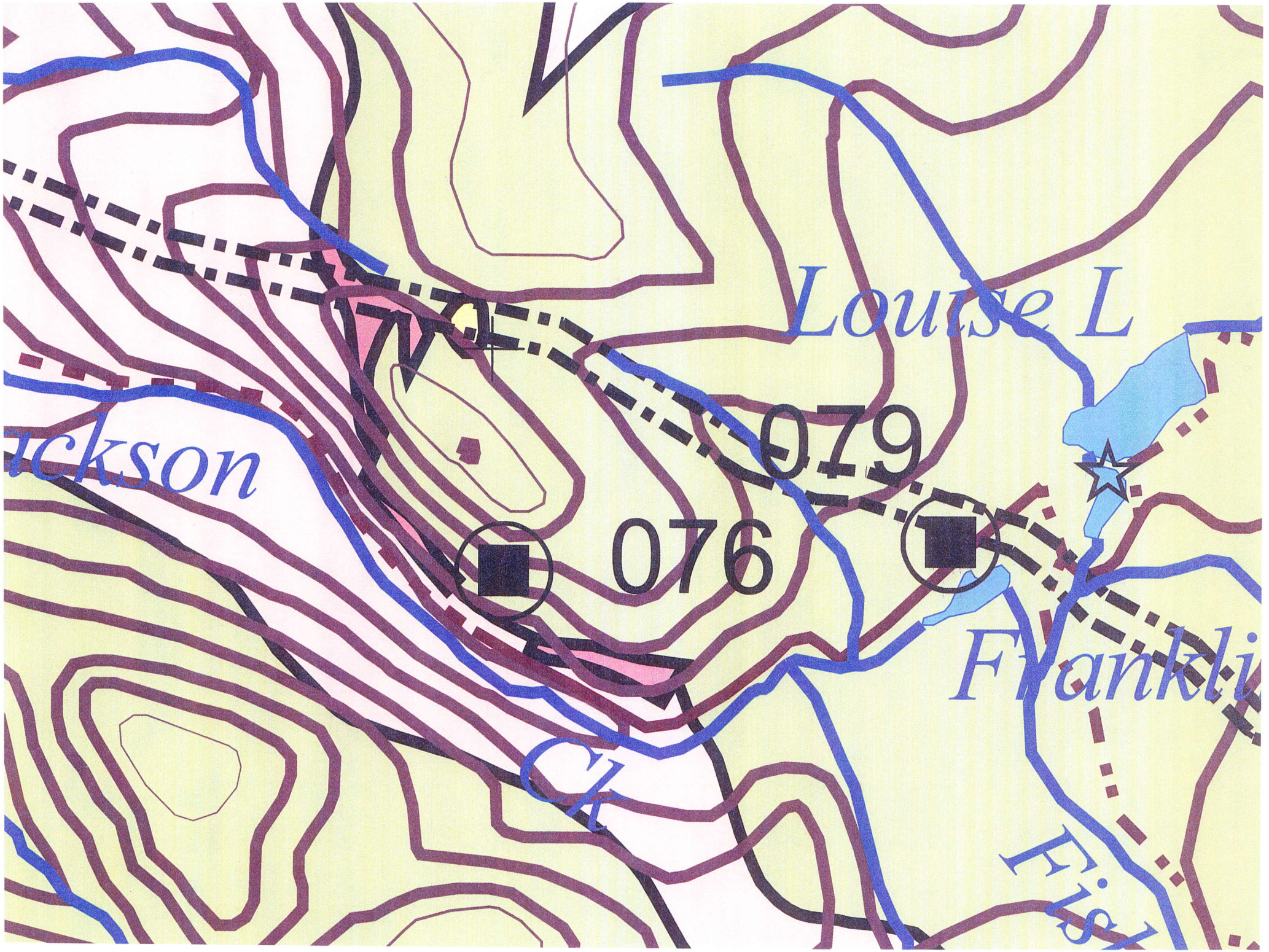
PB129		24.0	0.70		
Cu120				1.52	

JJ/dc
XLS/07

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

NANA PROPERTY 105-D- 105-D-11
UTM ZONE 8 NAD 83

EASTING	NORTHING	SAMPLE #	SAMPLE DESCRIPTION
479120	6729900	Lunar 1	Limonite coated, sugary quartzite with traces of magnetite and malachite staining
479120	6729900	Lunar 2	Very dense, hard calc-silicate. Lt buff colour. MnO and Feo stain (Poss Barite)
479120	6729900	Lunar 3	Dk grey banded cherty siltstone, some FeO staining Tr pyrite
479798	6720480	Top Cut # 1	Tan coloured banded cherty siltstone, < 0.5% py
479798	6720480	Top Cut # 2	Magnetite rich (>5%) Calc-silicate areous skarn , some FeO staining
479798	6720480	Top Cut # 3	Magnetite rich (>5%) Calc-silicate areous skarn , some FeO staining, Traces Malachite
479798	6720480	Top Cut # 4	Light buff, banded calcareous siltstone, somewhat vuggy, no sulphides
479798	6720480	Top Cut # 5	Medium grained altered granodiorite, no sulphides
479798	6720480	Top Cut # 6	Clay and limonite altered orange weathering and magnetite rich (>5%) med gr granodiorite
479798	6720480	Top Cut # 7	Medium to fie gr granodiorite with diopside epidote veins. Minor garnet & pyrrhotite
479798	6720480	Top Cut # 8	Sugary textured quartzite with calcareous bands, minor MnO stain , tr sulphides


Louise L
079
076
ckson
Ck

NANA PROPERTY HISTORIC DRILL HOLES

Local Grid

Year	Hole #	NORTHING	EASTING	ELV (ft)	AZM	DIP	DEPTH (ft)		Mineralization
1972	L-1	0+153N	4+58E	4081		-90	192		2.5 feet of 0.11% Cu at 90.0-92.5 ft
1972	L-2	0+152N	5+50E	4081		-90	235.5		2.5 feet of 0.26% Cu at 183.5-186 ft
1972	L-3	0+160N	5+50E	4081		-70	271		no assays
1972	L-4	0+190N	6+50E	4103		-90	227		tr Cu
1972	L-5	5+20N	6+00E	4224		-90	335		no assays
1972	L-6	4+60N	12+50E	4227		-90	198		no assays
1975	KT-1	4+20N	15E	4175	035°	-55	150		35 feet of 0.11% Cu
1975	KT-2	3+10N	15E	4125	035°	-60	271		5 feet of 0.45% Cu
1975	KT-3	2+35N	8+00E		220°	-55	271		20.1 feet of 5.6% Cu, 7.9 oz/t Ag, 0.3 oz/t Au at 180 to 201 feet
1975	KT-4	2+35N	8+00E		220°	-80	289		5.0 feet of 0.29% Cu
1975	KT-5	3+00N	21+00E		220°	-55	313		
1975	KT-6	2+00N	7+00E		220°	-55	107		4.8 feet of 0.40% Cu
1976	KT-6A	2+00N	7+00E			-55	249		
1976	KT-7	2+60N	9+00E	4150		-55	313		15 feet of 0.36 oz/t Au inluding 1.3 feet of 2.55 oz/t Au
1976	KT-8	5+87N	8+00E	4305	040°	-60	381		Hole Not Assayed
1976	KT-9	5+87N	8+00E	4305		-80	609		Hole Not Assayed
1978	X-1	1+00N	10+00E		360°	-55	114		
1983	M-1	1+55N	8+75E		040°	-30	87		3.0 feet of 0.356 oz/t Au at 66-69 ft
1983	M-2	1+55N	8+75E		040°	-61	145		
1983	M-3	0+98N	10+00E	4059	040°	-45	82.5		
1986	K86-01	0+98N	9+87E	4059	39°	-70	334	NQ	1.3 feet of 1.86% Cu at 188-189.3 ft
1986	K86-02	2+59N	9+00E	4152	219°	-70	442	NQ	
1986	K86-03	4+35N	11+30E	4222	197°	-60	369	NQ	
1986	K86-04	3+30N	3+30E	4183	301°	-70	349	NQ	Surface samples 152.4 m northwest of this hole
									1.4 and 514.3 gm/t Au
					Total Feet		**6334**		

Proposed Hole

PK86-5 4+00N 1+00E -60

21-Dec-07

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP MS CERTIFICATE OF ANALYSIS AW 2007- 7556
Extended Package

Values in ppm unless otherwise reported

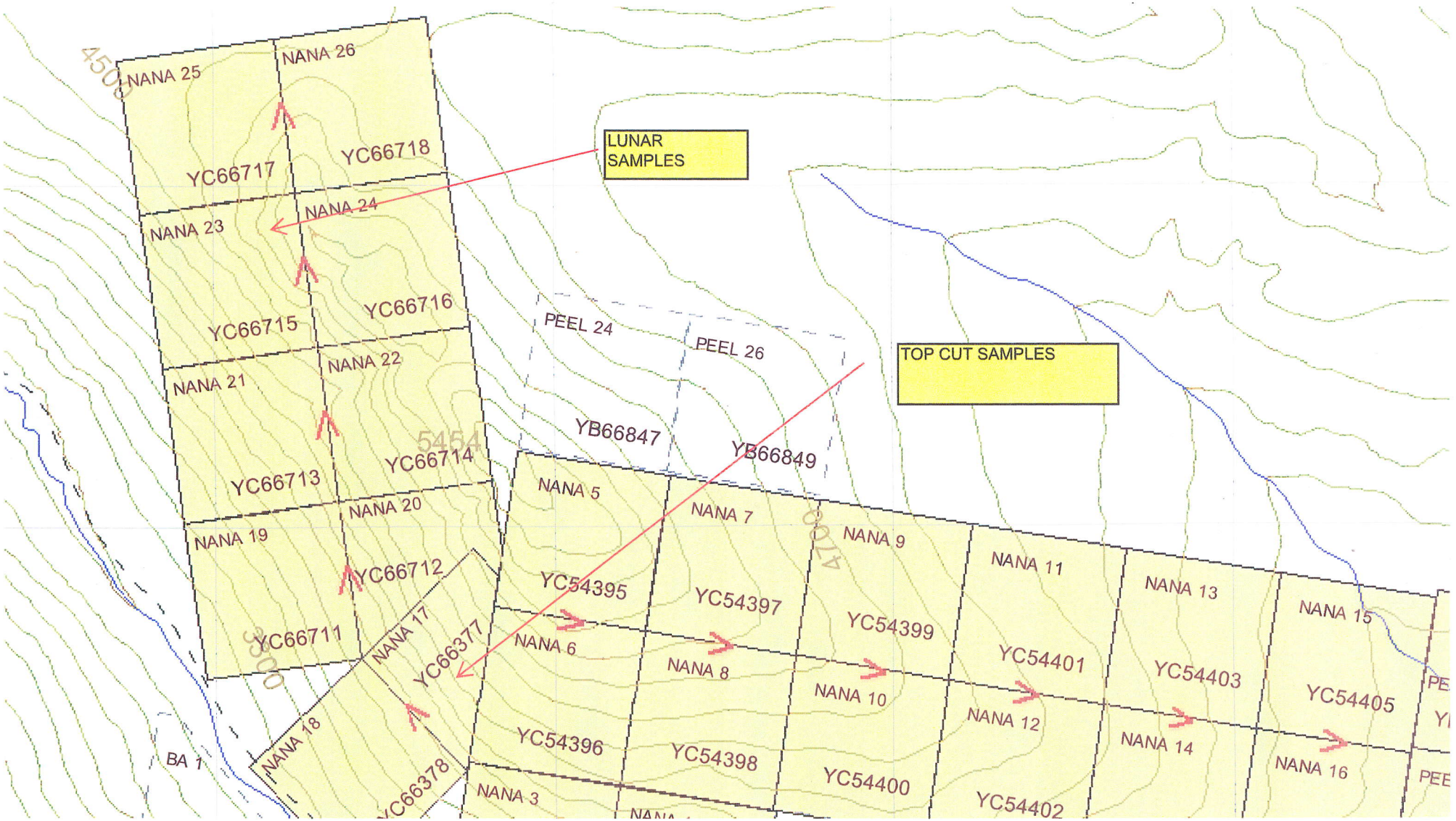
Et #.	Tag #	Fire Assay Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppb	K %	La ppm	Li ppm
12	OLD TRENCH LUNAR #1	5	3.3	0.12	20.2	18.0	0.62	0.65	6.01	1.37	4.2	17.5	0.24	3567.00	34.61	5.4	81.6	0.10	10	<0.01	0.5	2.2
13	OLD TRENCH LUNAR #2	<5	0.1	1.37	92.4	100.0	2.74	>10	1.07	6.47	3.7	70.0	0.46	21.33	0.76	3.6	3.2	0.16	5	0.01	3.0	6.4
15	OLD TRENCH LUNAR #3	5	0.3	3.79	18.0	182.5	0.12	2.65	0.87	10.42	21.1	91.0	2.62	272.30	3.87	10.6	11.1	0.08	20	0.22	4.5	67.6
16	NANA TOP CUT #1	5	0.7	4.09	35.7	48.0	0.52	3.20	0.49	17.99	22.3	127.5	5.80	108.80	4.03	14.8	11.9	0.06	10	0.10	9.0	24.0
17	NANA TOP CUT #2	<5	5.5	0.19	45.4	10.0	1.66	1.80	0.87	0.18	2.4	12.0	0.68	1632.00	21.19	3.4	55.7	0.08	10	<0.01	<0.5	12.2
18	NANA TOP CUT #3	<5	0.1	0.40	45.3	21.0	0.26	2.49	1.21	0.38	2.0	13.5	1.00	325.90	21.10	3.0	57.2	0.12	10	<0.01	<0.5	18.0
19	NANA TOP CUT #4	5	0.1	1.02	80.7	100.5	2.44	>10	1.18	5.93	3.2	57.5	0.32	20.47	0.60	2.5	2.9	0.14	5	<0.01	3.0	5.1
20	NANA TOP CUT #5	<5	0.1	0.94	5.6	55.5	0.06	1.07	0.24	18.18	4.6	48.5	0.30	15.01	1.78	5.0	5.3	0.16	<5	0.03	9.0	9.5
21	NANA TOP CUT #6	<5	0.2	0.17	37.0	15.0	0.04	1.15	0.57	0.31	1.5	14.5	0.20	315.90	22.84	2.9	57.0	0.14	5	<0.01	<0.5	6.0
22	NANA TOP CUT #7	<5	0.1	3.97	12.4	38.5	0.36	4.42	0.12	9.00	2.6	51.0	0.68	25.75	0.77	8.0	3.6	0.14	<5	0.01	4.0	2.3
23	NANA TOP CUT #8	35	>30	1.51	196.6	87.5	1072.00	5.90	420.50	18.72	95.0	101.0	0.28	953.90	3.35	4.0	9.1	0.28	725	<0.01	11.0	3.7
QC DATA:																						
Repeat:																						
19	NANA TOP CUT #4	5																				
Standard:																						
SE29		595																				
Pb113A			11.6	0.29	63.5	70.5	1.18	1.68	44.22	5.31	1.8	5.0	0.24	2330.00	1.10	1.4	3.4	0.02	75	0.04	2.5	1.2

JJ/nl

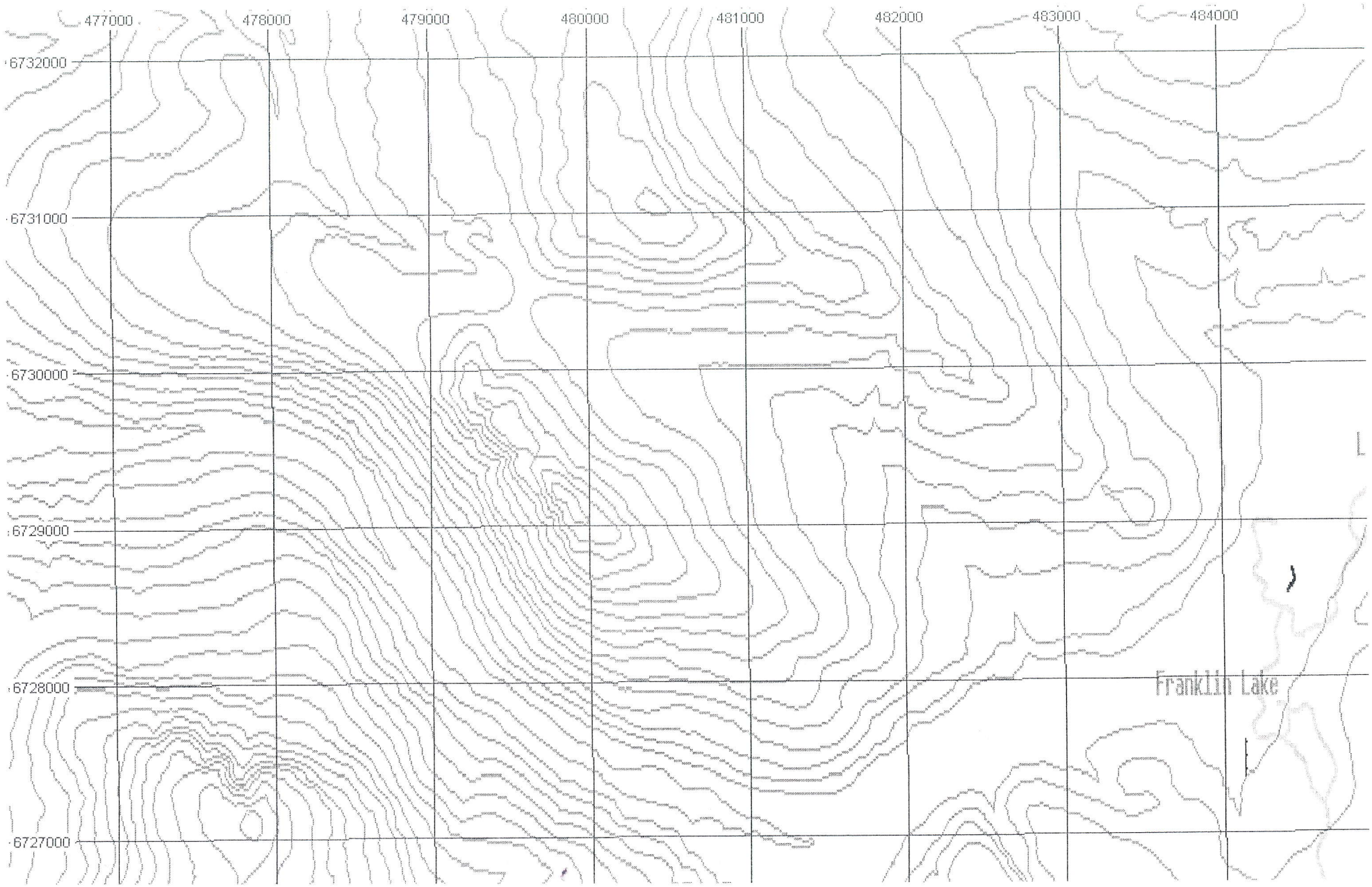
Sid Rock
13 Denver Road
Whitehose, YK

No. of samples received: 23
Sample Type: Rock
Submitted by: Sid McKeown

Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
0.94	3132	0.93	0.026	0.18	3.5	55.0	2.46	0.5	0.002	0.06	2.08	1.4	1.2	17.3	51.0	<0.05	0.14	1.0	0.008	0.02	1.1	8	0.4	590.7
0.62	390	0.44	0.024	0.12	19.3	779.0	3.67	2.8	<0.001	0.02	4.96	4.2	0.3	0.5	4157.0	<0.05	0.84	0.7	0.066	0.02	0.5	20	<0.1	159.9
1.39	388	1.70	0.208	0.10	55.7	1358.0	5.52	22.5	0.001	0.84	1.50	3.5	0.8	0.3	493.0	<0.05	0.16	1.8	0.277	0.14	0.5	102	<0.1	171.7
1.35	188	1.52	0.241	0.14	82.9	1387.0	8.47	26.4	0.001	2.08	0.90	7.7	0.6	0.3	506.0	<0.05	0.22	2.3	0.201	0.20	0.6	106	<0.1	83.8
7.56	2748	1.11	0.028	0.16	2.4	43.0	3.09	0.4	0.003	0.08	5.84	1.9	1.0	25.4	47.5	<0.05	0.12	0.9	0.012	<0.02	1.7	6	0.5	137.7
6.71	2965	0.34	0.025	0.28	2.5	87.0	1.01	0.4	0.004	<0.02	6.48	2.4	0.2	19.2	52.0	<0.05	0.10	0.3	0.037	<0.02	2.1	10	0.8	129.6
0.47	268	0.40	0.023	0.12	15.0	634.0	3.06	2.1	0.001	0.02	4.38	3.6	0.3	0.5	5111.0	<0.05	0.94	0.4	0.056	<0.02	0.5	14	0.2	150.3
0.14	267	0.22	0.164	0.66	10.5	906.0	16.00	2.4	<0.001	0.06	0.72	4.6	0.2	0.8	99.5	<0.05	0.06	1.8	0.132	0.04	0.5	30	<0.1	34.3
3.94	2443	0.32	0.031	0.22	2.5	74.0	0.52	0.3	0.003	<0.02	4.10	1.6	<0.1	18.6	30.0	<0.05	0.12	0.7	0.009	<0.02	0.6	4	0.6	141.2
0.13	179	0.51	0.131	<0.02	2.1	602.0	5.57	1.7	<0.001	0.02	0.52	1.5	0.2	0.4	629.0	<0.05	0.16	0.6	0.080	0.02	0.3	12	<0.1	23.6
0.64	1309	4.72	0.026	0.24	54.9	693.0	520.40	0.7	0.001	0.24	35.16	5.6	8.4	3.6	496.0	<0.05	3.36	1.1	0.109	0.06	7.3	32	<0.1	>10000
0.12	1446	66.94	0.034	0.04	1.7	173.0	5532.00	5.3	0.064	1.14	12.16	1.1	0.3	0.9	107.5	<0.05	0.26	0.4	0.012	0.24	0.4	6	<0.1	7031.0



SID MCKEOWN
2007 YMIP REPORT JACKSON CREEK VALLEY
NTS 105-D-11



LOCATION MAP 1A

NANA PROPERTY HISTORIC DRILL HOLES

Local Grid

Year	Hole #	NORTHING	EASTING	ELV (ft)	AZM	DIP	DEPTH (ft)		Mineralization
1972	L-1	0+153N	4+58E	4081		-90	192		2.5 feet of 0.11% Cu at 90.0-92.5 ft
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1986	K86-01	0+98N	9+87E	4059	39°	-70	334	NQ	1.3 feet of 1.86% Cu at 188-189.3 ft
1986	K86-02	2+59N	9+00E	4152	219°	-70	442	NQ	
1986	K86-03	4+35N	11+30E	4222	197°	-60	369	NQ	
1986	K86-04	3+30N	3+30E	4183	301°	-70	349	NQ	Surface samples 152.4 m northwest of this hole
									1.4 and 514.3 gm/t Au
					Total Feet		**6334**		

Proposed Hole

PK86-5 4+00N 1+00E -60