Assessment Report

on the

Blue Claims (1-10)

(Grant #'s: YD06735 to YD06744)

at

The Blue Property

(NTS map sheet 105K/01)

Yukon Territory

Property Centroid: 8 V 640642 / 6883609
Whitehorse Mining District
on the dates of

July 31, 2011 to August 2, 2011

for

Barry Ernewein, Robert Chaplin and Colin Godwin

By

Michael Burns, B.Sc.

Mackevoy Geosciences Ltd.

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1. Introduction

This report describes the results of a ground based magnetometer and VLF (Very Low Frequency) survey over the Blue (claims 1 - 10) claim group between the dates of July 31st and August 2nd 2010.

The purpose of the ground based survey was to reinvestigate the magnetic anomaly originally discovered during an airborne survey in 1978.

Six lines 900 m long were run N-S along the claim boundaries, with 450 m long E-W running tie lines joining the traverses (Fig. 3). VLF survey points were taken every 20 m along the magnetometer survey lines and all data was recorded digitally with an integrated GPS location. All VLF measurements were taken facing north to maintain signal consistency and streamline subsequent data processing. The work was carried out successfully confirmed and delineated the anomaly discovered in 1978 to a higher degree of sensitivity and positional accuracy. The VLF survey results confirmed the presence of a shallow conductor running East-West. Both the main magnetic and VLF anomalies lie within the claim block, while smaller anomalies continue to the S and W of the current claim area.

2. Location, Accessibility and Ownership

The Blue claims are located on the NTS 105K/01 map sheet approximately 15 kilometres from the village of Ross River, Y.T. in the Whitehorse Mining District. The claim group is centered at UTM 8V 640642 mE 6883609 mN at an elevation of approximately 3000 ft. The claim block is comprised of a rectangle two claim widths from north to south and five claim widths from west to east (figs. 1, 2).

Access is provided via the north Canol road, which comes to within 700 m of the south extent of the claims, and can be driven by any vehicle type. Access into the claims from the road is possible by foot or ATV along cat trails and access trails made during 1978 exploration efforts. The trails are currently used for trapping by locals in the winter months.

The claims are covered by dense forest and vegetation in the steeper and higher elevations; thick moss and glacial overburden cover the low and flat lying areas close to the North Canol road. Outcrop exposure occurs on less than five percent of the total ground area in the vicinity of the claims and is mainly covered by vegetated ground cover and glacial till.

The Blue property was originally staked as the WOP claims by R. Chaplin in 1973 on behalf of the Anvil Range Syndicate, a jointly owned syndicate made up of Dupont Explorations Canada Ltd. and Teck Mining Group. The Blue claims were re-staked on August 7th, 2009 by Mackevoy Geosciences Ltd., and transferred to a joint ownership between R. Chaplin, C. Godwin and B. Ernewein. The Claim names, Grant numbers and anniversary dates are as follows in Table 1:

Grant #	Claim Name	Expiry Date	Status	NTS Map
YD06735	BLUE 1	07/08/2015	Active	105K01
YD06736	BLUE 2	07/08/2015	Active	105K01
YD06737	BLUE 3	07/08/2015	Active	105K01
YD06738	BLUE 4	07/08/2015	Active	105K01
YD06739	BLUE 5	07/08/2015	Active	105K01
YD06740	BLUE 6	07/08/2015	Active	105K01
YD06741	BLUE 7	07/08/2015	Active	105K01
YD06742	BLUE 8	07/08/2015	Active	105K01
YD06743	BLUE 9	07/08/2015	Active	105K01
YD06744	BLUE 10	07/08/2015	Active	105K01

Table 1: Claim information taken from the Yukon Mining Recorder's website on October 15th, 2011.

3. Geology

The BLUE claims lie on an extension, along strike, of the Faro-Vangorda-Swim Lake trend known as the Tenas Creek-Ross River trend. The extension runs for roughly 80 km and sits parallel to the Tintina Trench to the west. The Tenas Creek – Ross River trend is known to host base metal concentrations and is highly prospective for additional VMS base metal deposits.

Due to the lack of outcrop exposure, less than five percent, the geology within the proximity of the BLUE claims is not well known. The

rock units were mapped previously by the Anvil Range Syndicate in the late 1970's and comprise, from north to south, of a north-westerly trending quartz-monzonite intrusive, in contact (not exposed) with pyrrhotite-rich green andesitic volcanic with south dipping foliations. The volcanic unit is overlain by a grey sericitic phyllite with a low south-west dip, and this unit is similar lithologically to the Faro-Vangorda-Swim Lake schistose rocks that weather recessively and have little outcrop exposure. Further to the south are small outcrops of light coloured and highly deformed limy-phyllite with irregular strike and dips. Between the limy phyllite and the North Canol road to the south, outcrop is more abundant and comprise of green-coloured tuffaceous competent greenstones bounded by steep chloritic borders. The magnetic and VLF anomaly from this current survey correlates well with the previous gravity, induced polarization, airborne magnetic and base metal geochem anomalies discovered in the 1970's. The anomalies target the grey sericite phyllite which is known to host abundant quartz stringers containing disseminated pyrrhotite, minor chalcopyrite, zones of large arsenopyrite clots with trace gold concentrations. Disseminated scheelite is also common within the quartz stringer veins. Previous drilling revealed at least two generations of quartz veins on the property. The tungsten mineralization suggests a magmatic origin to at least one generation of the quartz veins.

Drilling in the 1970's comprised of two holes which were collared into the grey sericitic phyllite. The holes intersected hornfelsed tuffaceous greenstone, narrow quartz stringers and grey phyllite. No explanation of the gravity anomaly was discovered during the previous exploration drilling programs.

4. Current Mineral Exploration Program

Current mineral exploration consisted of a high precision GPS-enabled magnetometer and VLF survey over the entire claim group. A coarse grid was used to define the magnetic and IP anomalies located during previous ground and airborne surveys in the late 1970's. The survey was very successful and located both magnetic and VLF anomalies that are in a similar location as the previous surveys. The current ground survey also indicated a continuation of the anomaly to the SE and W of the claim block.

4.1 Magnetometer Survey

A ground magnetometer survey was preformed with a Gem Systems Magnetometers GSM-19 Overhauser total field magnetometer. The Overhauser magnetometer is a proton precession device capable of an absolute accuracy of +/- 0.1 nT and up to 5 readings per second. Coupled with a GPS receiver, the magnetometer survey was able to collect data nearly continuously over the entire line distance of the survey. A total of 8.6 km of survey lines was covered and 8866 unique survey readings collected. The lines ran north-south over 900 m and were joined by east-west running tie lines 450 m long.

The main anomalous zone consists of a magnetic high of approximately 58900 nT to the south and a low of 57200 nT to the north (fig. 3). The asymmetry of the magnetic anomaly is thought to be caused by a gently southwest dipping dipole. Using the half max technique of depth estimate the source of the anomaly is likely up to 1000 ft deep, however, the cause of the magnetic anomaly is still unknown. The deep source of the anomaly explains why the previous drilling programs failed to locate significant mineralization and provide an explanation for the coexisting magnetic and gravity anomalies.

4.2 VLF survey

The VLF survey was run in conjunction with the magnetometer survey and followed the same lines as described above (fig. 3). The 24.8 kHz channel in Seattle Wa was used during the survey. Readings were taken every 20 m facing north to maintain consistent measurement of the in-phase field angle and to keep the in-phase field direction (+ and -) consistent. The VLF survey outlined four strong conducting anomalies where crossover values of the in-phase field component were measured (fig. 4). The VLF anomalies are all relatively shallow, between 100 m to 75 m deep and localized along the margins of the magnetic highs measured in the same survey (fig. 5). A continuous shallow conductor can be traced across survey lines for approximately 1800 m along the north boundary between the

magnetic high and low. A second conductor was located to the south of the magnetic high and is semi-continuous over a length of 2000 m. The southern and east and west extensions of the VLF anomalies likely continue beyond the staked ground along strike.

The northern anomaly may represent a narrow zone of mineralization between the quartz-monzonite intrusive body and the volcanic or phyllite units.

5. Conclusions and Recommendations

The conclusions of previous work in the late 1970's by the Anvil Range Syndicate stated that the source of the geophysical anomaly and possible tungsten, copper and lead zinc mineralization, may lie deeper than expected. Drilling to depths of 1000 ft was suggested but never carried out. Results of this survey indicate both a deep source for the magnetic anomaly and a shallow, near surface conductor located with the VLF survey. The shallow conductor may be a near surface expression of mineralization along the margins of the magnetic high. The along strike consistency of the in-phase crossover values from the VLF survey suggest that the anomaly is indeed, real.

-Expansion of the claim block to the south, west and east is strongly recommended due to continuation of the geophysical anomalies off of the claim group.

-Detailed infilling of the ground magnetic and VLF survey is recommended based on the success of the last survey.

-Trenching of the shallow VLF anomalies

-Shallow drilling of the East-West conductor

-Deep drilling (to at least 1500 ft) of the magnetic anomaly at the location of the east-west conductor.

Personnel Involved in Project

Michael Burns.....Geologist

Allison Brand.....Geologist

Beverly Quist.....Geologist

David Turner.....Geologist

Expenditures on BLUE claims for Assessment Work Purposes between the dates of July 31, 2011 and August 2, 2011

	Cost/Day	Days/Hours	Total
Field Work			
Geo 1 – A. Brand, M.Sc.	500	3	1500
Geo 2 – B. Quist, B.Sc.	375	3	1125
Geo 3 – M. Burns, B.Sc.	375	3	1125
Field Wages			3750
Research and data processing			562.5
WAGES			4312.5
Wages			$ 4,312.50
Accommodation	200	2	$ 400.00
Truck rental + fuel	160.64	3	$ 481.92
Food/consumables	150	3	$ 450.00
Scintillometer Survey Costs (rental)	125	3	$ 375.00
Magnetometer Survey Costs (rental)	150	3	$ 450.00
Sub Total			$ 6,469.42
Total			$ 7,439.83

Statement of Qualifications

I, Michael G.G. Burns of 3579 College St., New Hazelton, British Columbia, Canada V0J 2J0, do hereby certify that I am a geologist and:

1. I am a graduate of the University of Victoria with a Bachelor of Science (hons) Degree in Earth and Ocean Sciences (2010)
2. I am currently enrolled in a Master's of Science Degree in Earth Sciences at Laurentian University, Sudbury, Ontario
3. I have practiced my profession continuously since 2007 and have direct experience in the exploration and development of tantalum, tin, lithium, gold, uranium, tungsten, and rare earth elements in the Yukon and British Columbia, Canada
4. I directly participated in the field exploration conducted by Mackevoy Geosciences Ltd. in the Yukon and personally visited all areas mentioned

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Michael G.G. Burns B.Sc.

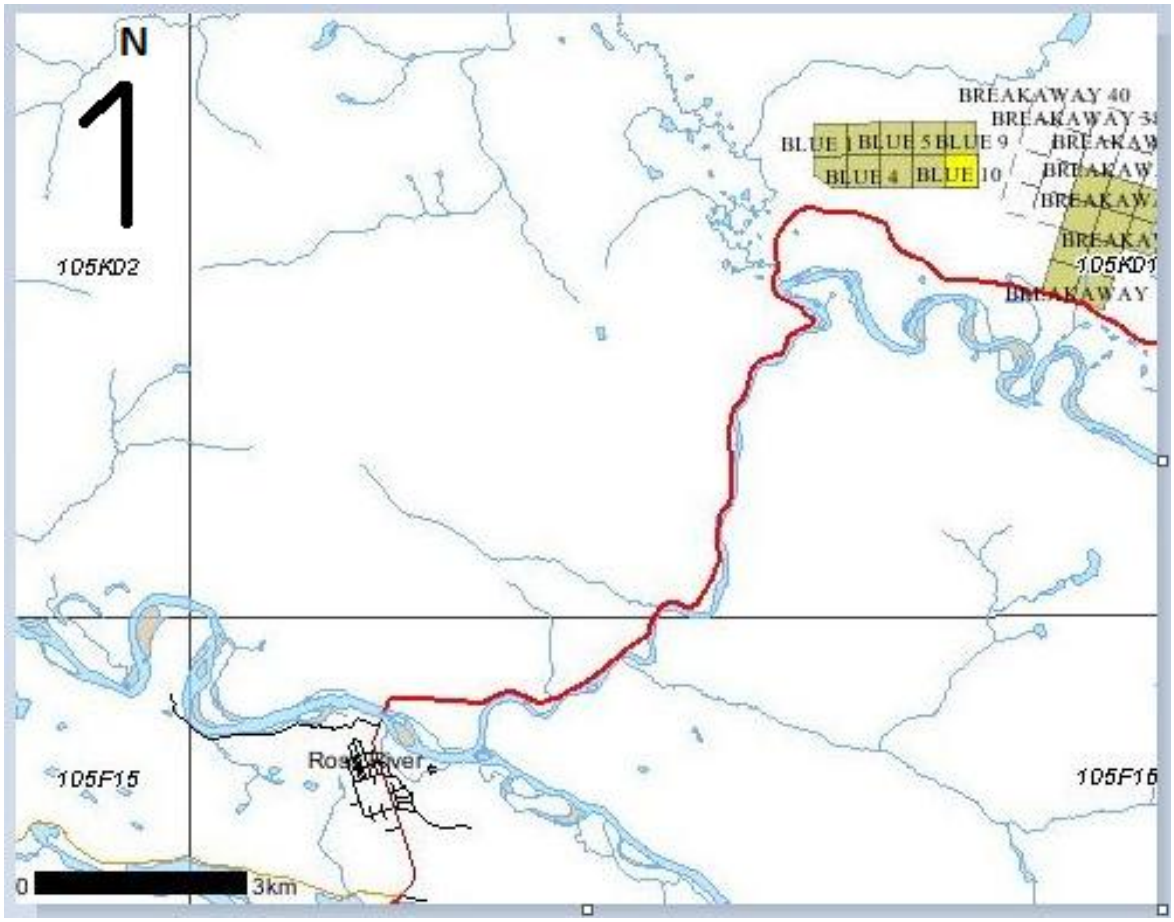
References

Chaplin, R.E., (1975): Geological, Geophysical, Geochemical Surveys and Diamond Drill Results WOP Mineral Claims (Anvil Range Syndicate) Tenas Creek Area, Whitehorse M.D., Yukon, Assessment Report 061306

Sheldrake, R.F., Boyko, W.P., (1979): Helicopter Magnetic and Electromagnetic Survey Ross River Area, Yukon Territories on Behalf of Dupont of Canada Exploration Limited, Assessment Report 090438

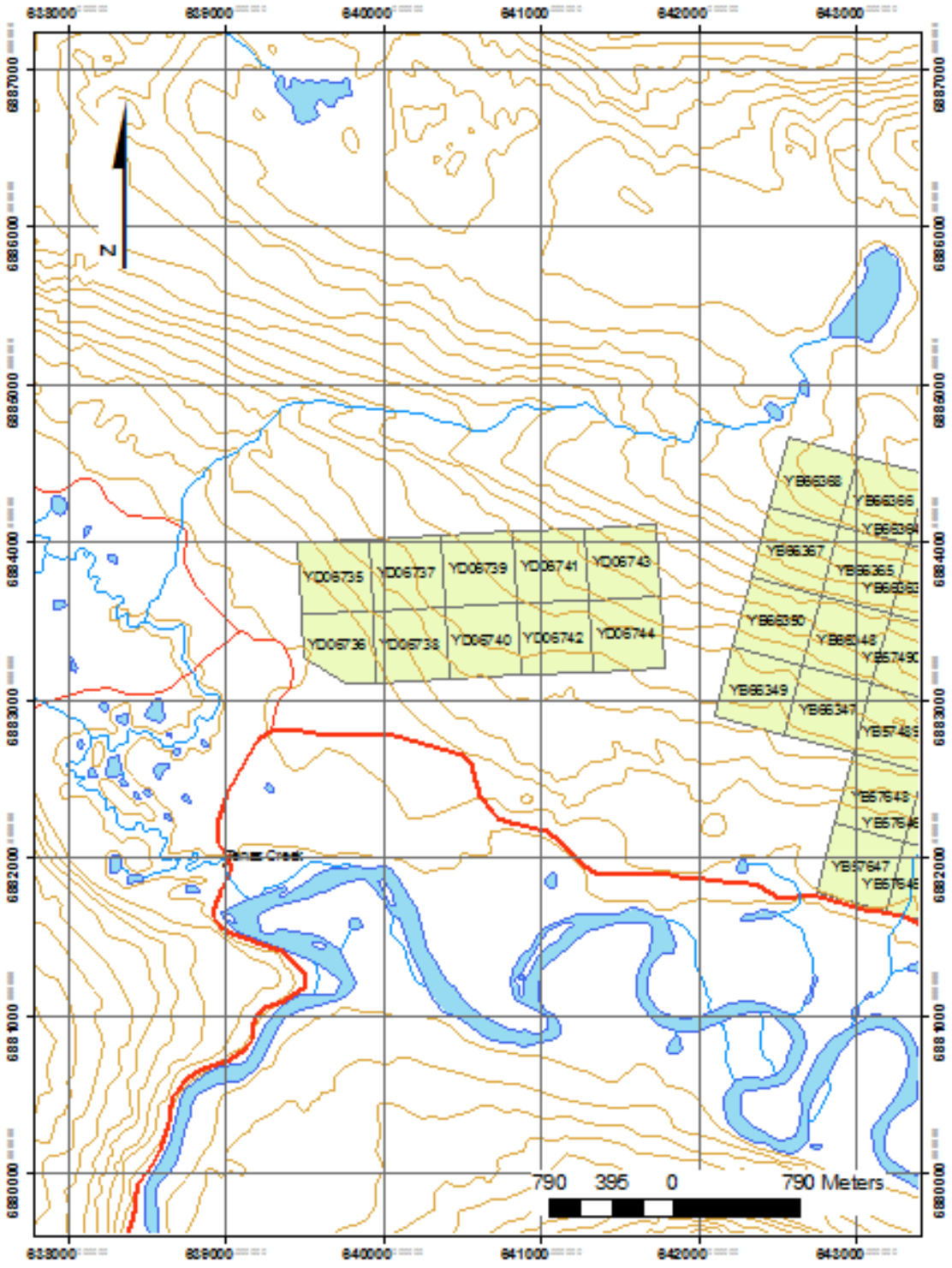
Tempelman-Kluit, D.J., (1970): Geology and Origin of the Faro, Vangorda and Swim Concordant Zinc-Lead Deposits, Central Yukon Territory. Geol. Surv. Canada, Bulletin 208.

Figure 1.



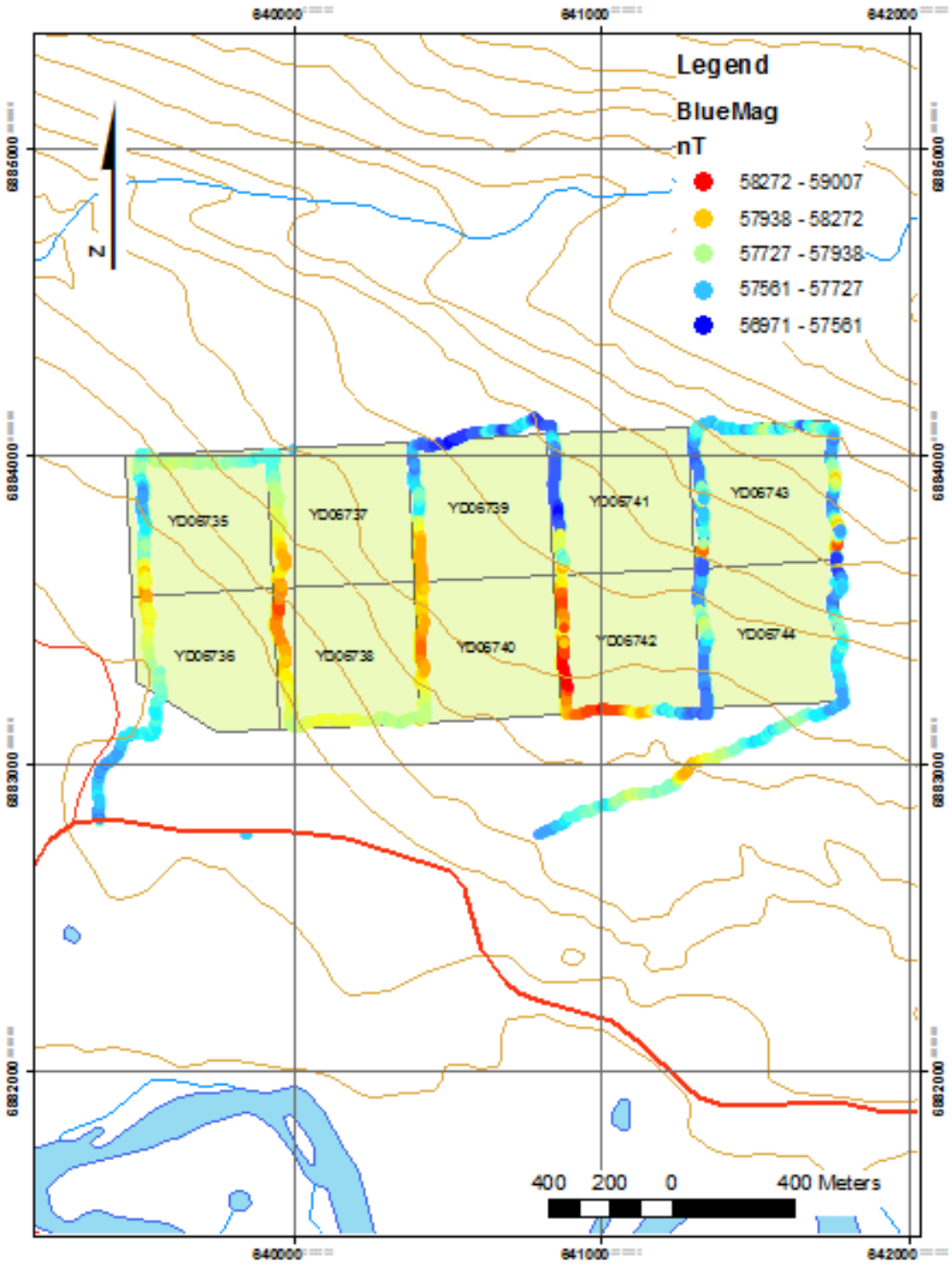
Location of the BLUE claims, approximately 15 km NE of Ross River, along the North Canol road shown in red.

Figure 2.



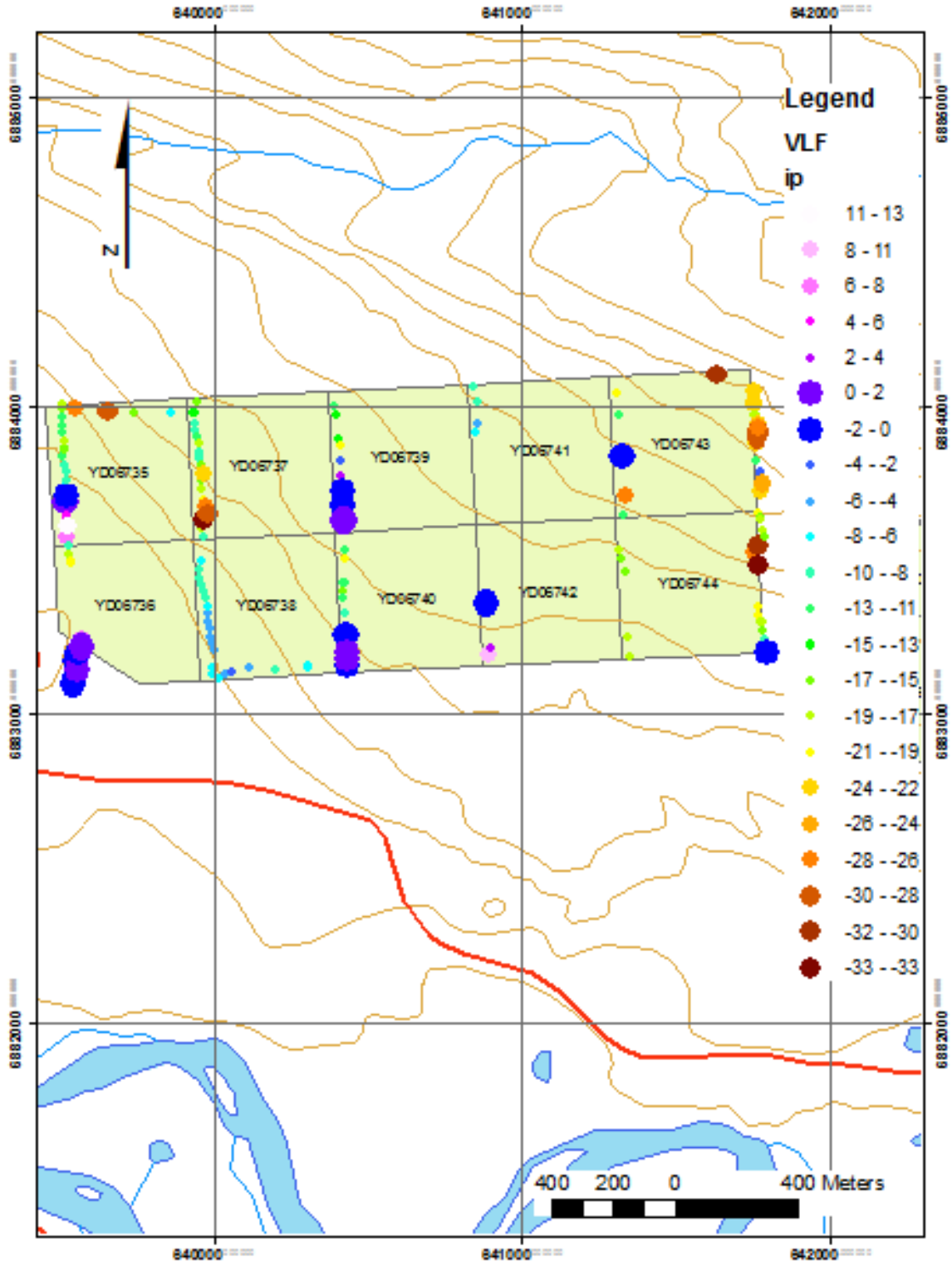
Map of the Blue claim group, 15km NE of Ross River, East and South of Tenas Creek and N of Highway 6, N Canol road and the Ross River.

Figure 3



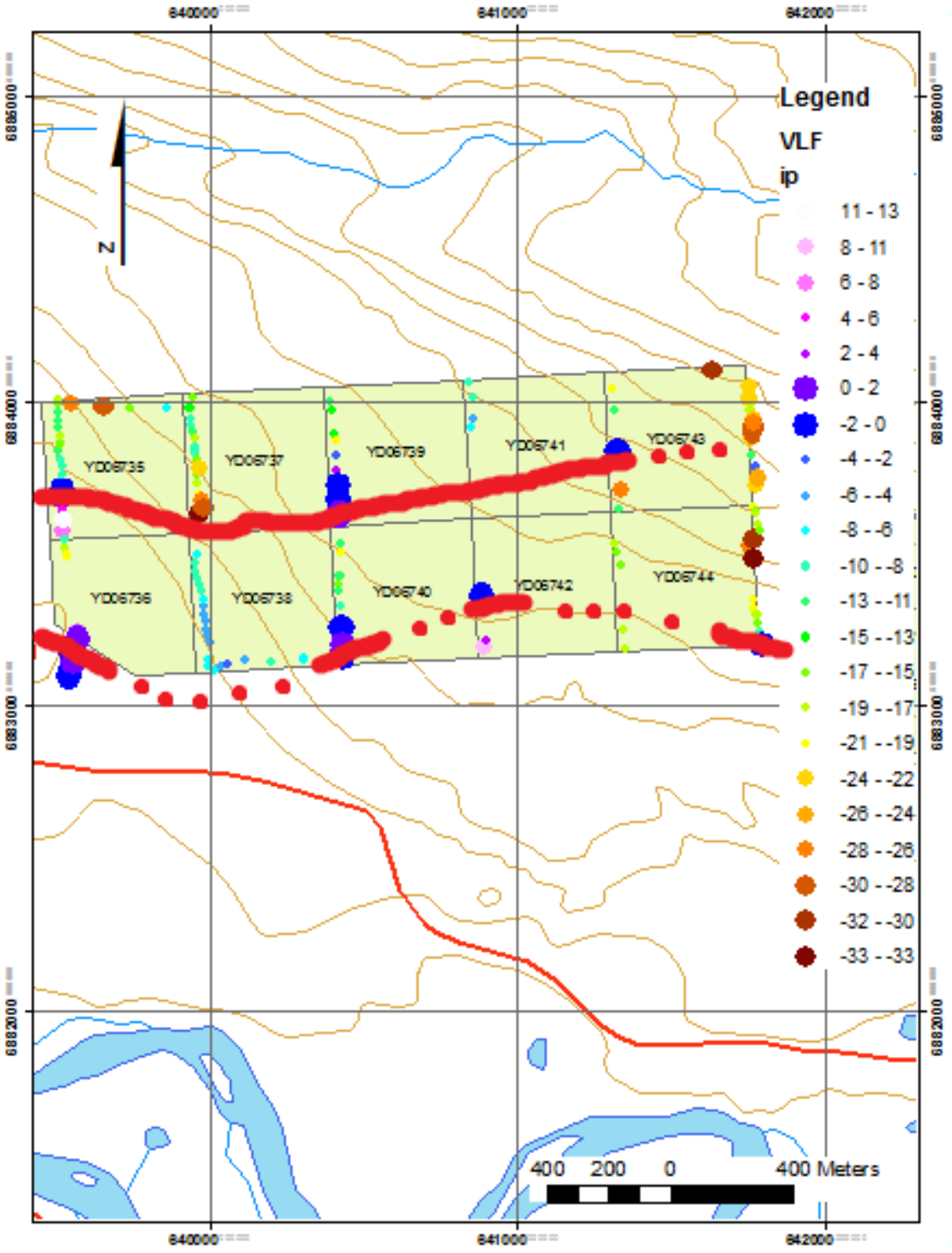
Trace of the magnetometer lines and results in nT. Red colours indicate high values and blue indicates low values.

Figure 4.



VLF survey map: Blue symbols represent crossover locations of the ip (in-phase) field component; white, pink & purple symbols represent positive ip values; green, yellow & brown indicate negative ip values.

Figure 5



Proposed conductor locations (in red traces) drawn from VLF data interpretation. The main conductors follow the N magnetic high and low boundary, and continue beyond the claims to the S, E and W.

Table 2. VLF data

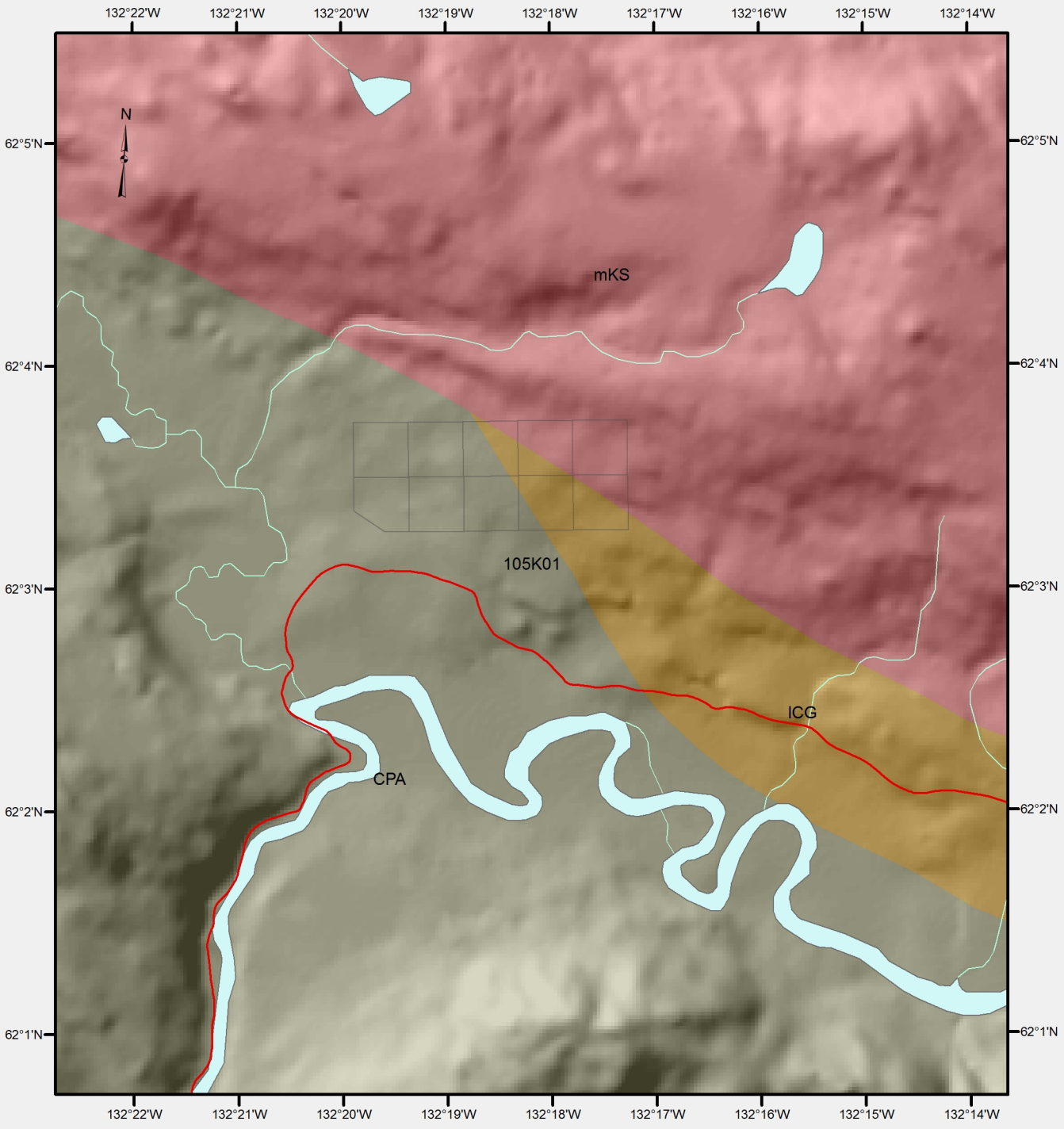
Easting	Northing	elevation	nT	kHz	ip	op	h1	h2	pT
639503.85	6883934.73	802	57708.9	24.8	-12.2	5	94	0	0.36
639504.1	6883989.92	807	57767.68	24.8	-16.2	0	86	20	0.34
639504.46	6883961.08	804	57789.18	24.8	-12	5.3	90	21	0.35
639507.51	6884007.96	809	57737.34	24.8	-19	-0.6	88	8	0.34
639509.93	6883838.19	792	57616.03	24.8	-12.8	-0.3	90	-1	0.34
639510.43	6883912.82	800	57654.38	24.8	-12.8	5.6	95	-13	0.37
639511.39	6883860.15	795	57593.43	24.8	-16.6	-1	88	-2	0.34
639512.05	6883808.81	794	57633.08	24.8	-10.8	-0.6	85	-7	0.33
639513.45	6883882.14	800	57587.66	24.8	-18.4	2	96	-3	0.36
639515.21	6883661.17	783	57803.74	24.8	2.5	-1.7	91	2	0.35
639517.52	6883737.29	786	57729.29	24.8	-7.1	0.8	82	0	0.31
639517.59	6883684.64	783	57717.6	24.8	0	0.6	88	-5	0.34
639519.82	6883709.25	783	57751.29	24.8	-2.2	-1.5	88	0	0.33
639520.03	6883641.18	781	57993.45	24.8	5.2	-1.7	85	-15	0.33
639520.87	6883786.18	795	57639.2	24.8	-9.7	-0.8	75	-21	0.3
639522.2	6883754.96	792	57718.29	24.8	-9.9	-0.8	82	15	0.32
639523.41	6883575.76	777	58100.83	24.8	8.6	-3.4	105	1	0.4
639524.63	6883609.95	778	57930.44	24.8	11	-3.1	88	-7	0.34
639527.65	6883545.7	780	58107.1	24.8	-10.1	-0.8	96	-28	0.38
639528.51	6883515.04	780	57989.6	24.8	-19	10.9	90	-15	0.35
639534.48	6883493.19	779	57947.97	24.8	-21.7	8.2	86	-12	0.33
639540.26	6883098.43	767	57676.43	24.8	-0.4	-1.7	96	17	0.37
639550.28	6883992.59	812	57754.2	24.8	-28.1	-2.3	73	35	0.31
639550.56	6883121.95	767	57684.98	24.8	-0.5	-3.1	99	11	0.38
639552	6883173.8	767	57666.66	24.8	-1.1	-2.8	84	35	0.35
639555.8	6883145.44	765	57669.28	24.8	1.5	-1.5	97	-4	0.37
639559.52	6883197.92	764	57689.09	24.8	-0.5	-3.1	93	24	0.37
639569.97	6883243.95	767	57738	24.8	7.2	-0.6	100	6	0.38
639569.97	6883243.95	767	57738	24.8	7.2	-0.6	100	6	0.38
639571.59	6883217.79	765	57684.9	24.8	0.6	-5.9	93	15	0.36
639571.59	6883217.79	765	57684.9	24.8	0.6	-5.9	93	15	0.36
639653.45	6883980.33	827	57809.73	24.8	-29.4	5.8	101	1	0.39
639740.4	6883977.21	838	57773.29	24.8	-16.4	2.1	106	13	0.41
639858.17	6883976.54	854	57733.26	24.8	-8.5	0	100	-5	0.38
639933.85	6883977.62	870	57680.65	24.8	-	1.5	94	18	0.37

					13.9				
639934.96	6883922.15	865	57736.41	24.8	-9.5	0.1	102	1	0.39
639936.56	6883938.55	865	57712.08	24.8	-9.3	0.5	98	-12	0.38
639942.12	6883900.78	864	57773.86	24.8	-13	-1.5	101	-1	0.38
639946.13	6884009.2	869	57679.35	24.8	-16.3	2.1	89	-21	0.35
639949.33	6883878.09	856	57790.74	24.8	-17.7	-3.8	88	-23	0.35
639950.96	6883831.88	853	57827.61	24.8	-9.6	2	105	-1	0.4
639951.17	6883852.74	854	57820.24	24.8	-10.9	4.1	97	2	0.37
639951.65	6883439.76	803	58187.27	24.8	-10.7	2.8	89	-2	0.34
639952.07	6883467.91	812	58200.1	24.8	-11	2.9	96	5	0.37
639955.85	6883804.13	850	57851.26	24.8	-16	0.1	109	-7	0.42
639957.01	6883602.18	818	58003	24.8	-19.1	1.1	86	6	0.33
639957.31	6883759.69	852	57866.61	24.8	-17.4	5	101	-3	0.39
639957.62	6883728.42	844	57907.77	24.8	-19.4	4	96	-9	0.37
639959.07	6883499.3	812	58397.51	24.8	-8.8	-1.3	93	14	0.36
639961.12	6883419.39	804	58184.08	24.8	-10.4	4.1	89	13	0.34
639964.66	6883574.31	811	58122.05	24.8	-10.8	0.1	84	4	0.32
639965.01	6883400.37	804	58166.51	24.8	-9.4	2.3	88	-11	0.34
639965.28	6883776.62	844	57846.48	24.8	-22.2	-1.3	105	-4	0.4
639967.58	6883696.78	838	58001.95	24.8	-22	3.1	98	-6	0.37
639968.18	6883630.25	822	57956.16	24.8	-33.1	-3.5	84	11	0.32
639972.49	6883674.71	830	58052.97	24.8	-26.9	2.8	89	-27	0.35
639974.66	6883379.29	802	58145.98	24.8	-9.5	2.7	95	-6	0.36
639977.27	6883299.56	799	57994.79	24.8	-5.1	-0.5	95	6	0.36
639978.48	6883648.64	825	58053.02	24.8	-30	0.6	99	11	0.38
639979.77	6883329.37	803	58043.29	24.8	-6.6	-0.3	87	17	0.34
639980.1	6883350.43	803	58087.94	24.8	-7.7	-0.2	94	-2	0.36
639986.13	6883276.94	799	57946.75	24.8	-5.9	-1	95	20	0.37
639989.55	6883252.75	799	57924.27	24.8	-5.2	-2.5	98	3	0.37
639994.478	6883132.27	797	57804.74	24.8	-8.6	0.4	92	22	0.36
639995.29	6883151.97	797	57819.8	24.8	-8.1	0.8	91	19	0.35
639995.75	6883228.64	797	57890.08	24.8	-6.6	0	6	3	0.36
640000.83	6883204.03	798	57875.15	24.8	-6.6	-1.9	93	14	0.36
640017.23	6883115.88	797	57808.48	24.8	-6.9	-0.9	97	14	0.37
640039.46	6883129.51	798	57793.97	24.8	-4.6	1.2	95	-17	0.37
640058.82	6883135.73	797	57854.92	24.8	-2.4	0.6	97	-10	0.37
640114.05	6883149.25	808	57923.77	24.8	-6.4	-1	97	4	0.37
640200.65	6883143.59	822	57901.22	24.8	-8.9	-2.2	99	-4	0.38

640301.95	6883153.53	837	57803.18	24.8	-8.4	-2	100	-1	0.38
640392.16	6883994.82	899	57569.32	24.8	-13	5	101	-7	0.39
640398.88	6883969.39	900	57524.71	24.8	-14.6	6.1	104	-11	0.4
640404.97	6883892.84	895	57628.41	24.8	-14.2	1.7	93	-30	0.37
640410.91	6883820.39	891	57682.99	24.8	-2.7	1.8	97	11	0.37
640411.34	6883870.17	893	57731.14	24.8	-20.8	-1.9	99	15	0.38
640412.23	6883771.27	888	57935.7	24.8	2.6	1.2	93	-21	0.36
640415.86	6883677.01	890	58064.37	24.8	-0.2	4.4	108	0	0.41
640417.73	6883399.35	866	58152.98	24.8	-16.5	4.1	89	-9	0.34
640419.33	6883723.29	888	58055.82	24.8	-0.3	3.3	104	26	0.41
640420.28	6883375.6	863	58258.18	24.8	-12.9	12	89	-15	0.34
640420.97	6883279.17	850	57965.9	24.8	-2.6	-2	97	-10	0.37
640421.9	6883428.56	867	58143.24	24.8	-12.7	-1.3	104	-1	0.4
640422.32	6883532.6	888	58038.93	24.8	-11.9	1.4	105	-20	0.41
640422.58	6883627.59	889	58014.43	24.8	0.4	3.1	104	-6	0.4
640423.22	6883505.17	885	58033.52	24.8	-19.9	-1.2	107	6	0.41
640427.05	6883328.61	856	58155.43	24.8	-11	10.2	78	-27	0.31
640428.59	6883144.28	845	57799.45	24.8	-3.2	-3.5	100	-14	0.38
640429.02	6883254.74	849	57936.97	24.8	-2	-6.3	98	0	0.38
640429.65	6883199.13	849	57826.99	24.8	0.1	-8.7	98	-9	0.38
640431.68	6883158.17	848	57788.46	24.8	-2.2	-7.8	103	7	0.39
640432.68	6883181.06	849	57831.68	24.8	1	-7.7	100	-21	0.39
640842.63	6884064.4	948	57584.19	24.8	-9	-2.2	98	-18	0.38
640851.78	6883914.43	938	57469.05	24.8	-7.3	-1	106	-9	0.41
640855.63	6883940.3	941	57459.64	24.8	-6.2	-0.8	106	13	0.41
640857.8	6884011.28	944	57555.99	24.8	-9.3	-2.2	98	-18	0.38
640884.41	6883358.05	892	58506.46	24.8	-1.7	9.6	96	0	0.37
640893.09	6883190.79	874	58107.01	24.8	8.9	10.8	95	7	0.36
640895.37	6883213.86	875	58204.01	24.8	2.3	12.1	91	5	0.35
641304.96	6884037.32	986	57566.74	24.8	-21.6	-3.6	95	5	0.36
641316.57	6883969.58	979	57462.83	24.8	-11.6	2	82	-22	0.32
641317.87	6883529.24	914	57543.48	24.8	-19.1	0.2	99	1	0.38
641322.24	6883504.28	4	57707.55	24.8	-15.5	-3.2	98	-2	0.38
641324.71	6883836	962	57512.68	24.8	-1.8	0	103	-3	0.39
641331.07	6883643.02	941	57471.22	24.8	-12.1	0	109	-9	0.42
641336.44	6883460.04	903	57817.32	24.8	-16.7	-0.7	111	-18	0.43
641337.74	6883711.19	956	57953.95	24.8	-28	-5	99	16	0.38

641341.88	6883247.79	876	57554.54	24.8	-17.9	3.9	88	-26	0.35
641352.39	6883185.67	877	57516.63	24.8	-17.9	3.9	88	-26	0.35
641634.16	6884099.58	1037	57756.21	24.8	-32.7	-3.1	96	-12	0.37
641749.58	6883993.22	1022	57574.73	24.8	-18.3	-7.2	101	24	0.39
641749.69	6884008.35	1025	57508.65	24.8	-22.7	-10.2	94	38	0.39
641752.18	6883524.42	943	57558.62	24.8	-27.5	0.2	99	15	0.38
641755.17	6884046.35	1035	57532.38	24.8	-22.7	-10.2	94	38	0.39
641756.26	6883971.79	1021	57734.14	24.8	-19.3	-5.5	112	-13	0.43
641758.88	6883818.08	999	57534.32	24.8	-12.6	0.8	96	-10	0.37
641760.19	6883880.12	1004	57535.61	24.8	-22.7	-3.8	99	16	0.38
641763.33	6883894.44	1006	57631.04	24.8	-29.4	-5.1	100	10	0.38
641764.78	6883547.37	953	57562.13	24.8	-31.4	-3	102	26	0.4
641765.14	6883480.59	936	57632.97	24.8	-33.9	-2.2	88	-24	0.35
641765.14	6883939.59	1019	57853.41	24.8	-22.9	-5.9	95	-22	0.37
641765.24	6883934.18	1017	57955.76	24.8	-24.8	-3.3	103	17	0.4
641766.19	6883907.69	1009	57781.79	24.8	-29.1	-9	98	22	0.38
641766.24	6883318.72	895	57653.28	24.8	-21.2	-1.4	88	-8	0.34
641767.31	6883919.26	1012	57916.84	24.8	-29.4	-9.8	102	2	0.39
641767.57	6883345.72	901	57594.2	24.8	-20.6	-1.1	88	21	0.34
641767.62	6883648.86	969	56948.12	24.8	-20.8	5.8	92	-10	0.35
641767.69	6883926.85	1014	58002.37	24.8	-28.5	-5.6	99	-13	0.38
641771.2	6883635.67	970	57541.31	24.8	-16.9	3.8	102	-26	0.4
641773.29	6883629.57	968	57985.05	24.8	-18.5	1	99	-26	0.39
641774.48	6883782.21	992	58036.6	24.8	-4.1	1.2	112	-7	0.43
641774.91	6883723.34	984	58467.41	24.8	-23.6	2	103	19	0.4
641777.16	6883297.61	893	57631.43	24.8	-19.7	1.2	76	-29	0.31
641779.6	6883746.77	987	57664.72	24.8	-24.3	-2.3	104	0	0.4
641783.22	6883271.2	891	57620.2	24.8	-	0.6	85	-14	0.33

					16.4				
641783.36	6883597.9	964	57609.52	24.8	-18.4	2.3	97	-13	0.37
641786.59	6883244.58	889	57587.28	24.8	-10.2	4.7	84	-15	0.32
641787.65	6883571.14	956	57629.53	24.8	-16.6	0.4	104	23	0.41
641791.13	6883223.06	882	57561.53	24.8	-6	4.6	89	1	0.34
641793.9	6883200.86	886	57570.4	24.8	-1.7	6.8	77	-27	0.31



0 0.5 1 2 3 4 Kilometers

Regional Geology

Blue Claims

NTS 105K/01
Nad 83, Yukon Albers Projection

BEDROCK GEOLOGY LEGEND

MID-CRETACEOUS

mKS

mKS: SELWYN SUITE
plutonic suite of intermediate (g) to more felsic composition (q) and rarely syenitic (y); equivalent felsic dykes (f); complete compositional gradation so that these designations are somewhat arbitrary

f. felsic dykes **(Selwyn Suite)**

y. mainly hornblende and hornblende/biotite syenite, commonly porphyritic (potassium feldspar phenocrysts), uneven textured, mostly medium grained, locally fine or coarse grained; minor diorite; hornblende syenite **(Selwyn Suite)**

q. equigranular to porphyritic (K-feldspar) biotite +/- hornblende +/- muscovite granite, quartz monzonite and granodiorite; porphyritic biotite hornblende granite with large smoky grey quartz phenocrysts and locally K-feldspar phenocrysts **(Selwyn Suite)**

g. resistant, blocky, fine to coarse grained equigranular to porphyritic (K-feldspasr) biotite quartz monzonite and granodiorite and minor quartz diorite; minor leuco-quartz monzonite and syenite **(Selwyn Suite)**

CARBONIFEROUS AND PERMIAN

CPA

CPA3

CPA: ANVIL
dominantly oceanic assemblage of mafic volcanics (1), ultramafics (4), chert and pelite (2), limestone (3) and gabbroic rocks (5)

1. variably altered and foliated, locally augite-phyric basalt (local pillows), diorite and gabbro, chloritic greenstone, amphibolitic greenstone and amphibolite; minor metachert, siliceous argillite or siltstone, greywacke, tuff, and siliceous limestone
2. varicoloured metachert with partings or interbeds of phyllite and tuffaceous argillite; interbedded jasper red and apple green chert and cherty tuff; chert breccia; shale, minor greenstone, agglomerate, limestone, quartzite(?) and greywacke
3. light grey to buff weathering, massive fine crystalline, light to dark grey limestone and minor dolomite; light grey, massive, crinoidal limestone; limestone and polymictic conglomerate; sandy limestone, cherty limestone; marble, phyllite, meta-siltstone
4. dunite, peridotite, gabbro, pyroxenite, harzburgite and minor diorite, hornblendite and diabase; serpentinite, orange weathering quartz carbonate rock with minor green chromian muscovite, talc-carbonate schist and carbonatized ultramafic rocks
5. dominantly diorite, quartz diorite, and gabbro with lesser pyroxenite or other ultramafic rocks; variably altered and foliated; local dioritic orthogneiss
6. eclogite

LOWER CAMBRIAN

ICG

ICG: GULL LAKE
dominantly fine clastic assemblage (1) with local volcanic units (2)

1. shale, siltstone and mudstone, locally bioturbated, with minor quartz sandstone; rare green-grey chert; local basal limestone and limestone conglomerate; phyllite to quartz-muscovite-biotite schist (+/-garnet +/-sillimanite +/-staurolite +/-andalusite) **(Gull Lake)**
2. dark green massive to fragmental mafic meta-volcanic and volcaniclastic rocks; siltstone and argillite