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1998 GEOLOGICAL and GEOCHEMICAL ASSESSMENT REPORT ON THE MYSCHKA PROPERTY

Quartz Claims

Myschka 001-016 YC01294-01309

February 1, 2000

Mayo Mining District
N.T.S. 105K/16

Latitude: 62°58' North
Longitude: 132°09' West

Author: Rick Diment

Date of work: August 1998

094 095

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 $ 3300.

M. Bi...

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

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SUMMARY

The Myschka Property, consisting of the Myschka 1-16 Claims located in Central Yukon on NTS sheet 105K/16, was staked in 1998 to cover several previously identified lead-zinc-silver veins.

The Myschka Property is located within the Paleozoic Selwyn Basin which consists of a broad package of Paleozoic sediments extending ESE from north-west of Dawson City to the Yukon-NWT border north of the major NW-SE trending Tintina Fault Zone. This stratigraphy consists of shallow shelf to off-shelf marine clastic and chemical sediments, as well as basinal clastic sediments derived from the Ancient North American Platform to the north-east. Several episodes of continental uplift have led to periods of increased erosion and resulting continental margin or miogeosynclinal deposition, resulting in formation of comparatively high energy, shallow water sediments, often coarsely grained and variably calcareous. These are separated by strata formed under deeper, quieter water conditions, resulting in formation of fine clastic sediments and chert. The Mid-Cretaceous Tombstone-Tungsten Suite (95-89 Ma) has been emplaced within the Selwyn Basin. Members of this suite occur along an ESE trending belt extending for over 500 kilometres from north-west of Dawson City, Yukon to the Yukon-NWT border. Tombstone Suite intrusives are believed to be related to much of the gold mineralization within the Selwyn Basin.

Extensive thrust faulting along the entire extent of the Selwyn Basin began during Late Jurassic time, resulting in creation of a compressional regime. Most thrust faults are oriented roughly ESE, dipping to the south-west, subparallel to the overall ESE trend of stratigraphy. This regional lineation has been overprinted by a slightly less pronounced NE-SW lineation, marked by high angle orthogonal faults suggesting the compressional regime was followed by an extensional tectonic regime.

The Myschka Property is underlain by Road River group chert with Earn Group chert pebble conglomerate underlying the extreme south-west corner. In southern areas, a small granodiorite stock and associated quartz-monzonitic dykes has intruded the cherts. A zone of possibly explosive brecciated chert, associated with arsenopyrite and pyrite, covers roughly one square kilometre to the north, suggesting subsurface extension of the stock. Two lineations have been identified: a north-south trending fault zone extending along a drainage in the central area, and an ENE trending lineation extending across southern areas.

Sampling of lead-zinc-silver veins returned high silver values with moderately elevated gold. Values to 510 ppb Au with 157 gpt Ag, and 100 ppb Au with 973 gpt Ag were returned from grab samples of veining within brecciated chert about 100 metres south-west of the stock, and a value of 5137 gpt Ag was returned from a grab sample of massive galena. There is a considerable range of Au: Ag ratios, suggesting some evolution of mineralization across emplacement history. Silt and soil sampling returned low values, except for weakly elevated values to 60 ppb Au in soil from the explosive brecciated zone.

Although polymetallic vein mineralization has been found to date, potential exists for more widespread gold within, and east of the breccia zone, where the anomalous soils were taken. Weakly elevated gold values obtained nearby (i.e. the Uragan Claims) suggest the area may host a mineralized camp similar to the Keno Hill area, with lead-zinc-silver veins within an area of more widespread sediment hosted gold mineralization.

Exploration expenditures in 1998 amounted to $3,303.

Future exploration should focus on determining the periodicity, structural controls and overall surface extent of the polymetallic vein system peripheral to the granodiorite stock. Grid soil sampling and mapping, followed by systematic continuous chip sampling and possible hand trenching are recommended to determine average gold and silver grades across mineable widths (> 2 metres) and the extent, if any, of wall rock dissemination.

CHAPTER 1: INTRODUCTION

1.1 Introductory Statement

The Myschka Property consists of 16 contiguous quartz mining claims (Myschka 1-16 claims) covering a 4 square kilometre area measuring 2 by 2 kilometres within NTS Sheets 105 K/16,in the Mayo Mining District (Figures 1, 2).

The 1998 exploration program involved prospecting, geological mapping and rock sampling in August.

1.2 Location and Access

The Myschka Property is located 105 kilometres north of the town of Ross River, in the Yukon Territory. It is centered at 62 ° 58' North latitude, 132 ° 09' west longitude on NTS Map Sheets 105 K/16 (Figure 1).

Access to the property is via a half hour helicopter trip from Ross River.

1.3 Physiography and Vegetation

The Myschka Property occurs within steep terrain attaining elevations of +5,500 feet. The property below 3,500 feet is covered by typical northern boreal spruce and fir forest. Subalpine willow is found between 3,500 and 5,000 feet, with unvegetated talus slopes above 5,000 feet.

1.4 Property Exploration History

The Myschka Property was staked to cover previously identified lead-zinc-silver veins.

Table 1 below lists detailed claim status, including assessment status and expiry dates following the 1998 filing.

Table 1. Status of Myschka Property claims after 1998 filing

Claim Name	*Grant No.*	*Owner*	*New expiry date*	*Work completed By*
Myschka 001-16	YC01294-1309	Viceroy Exploration (Canada), Inc.	August 12, 2001	Viceroy

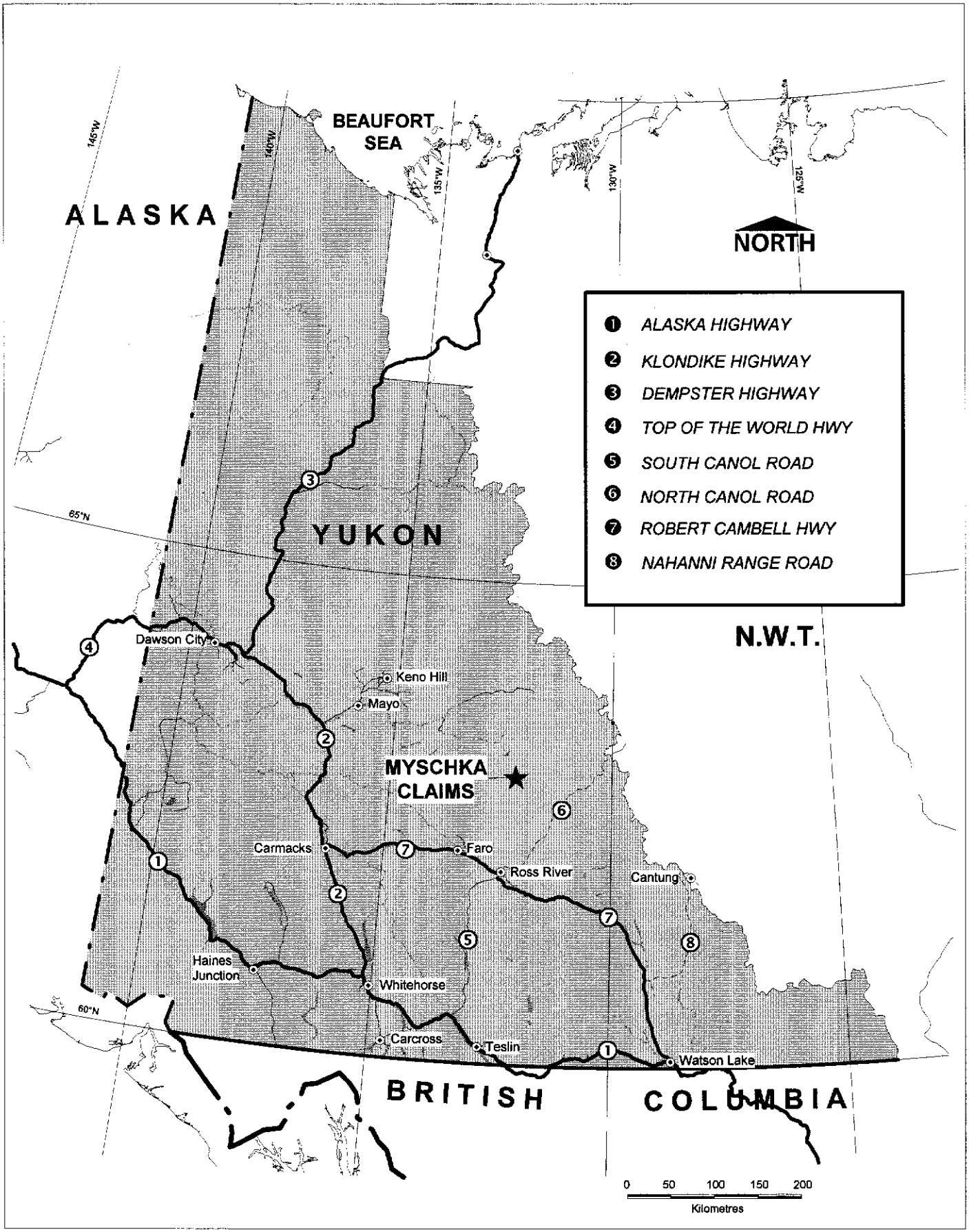
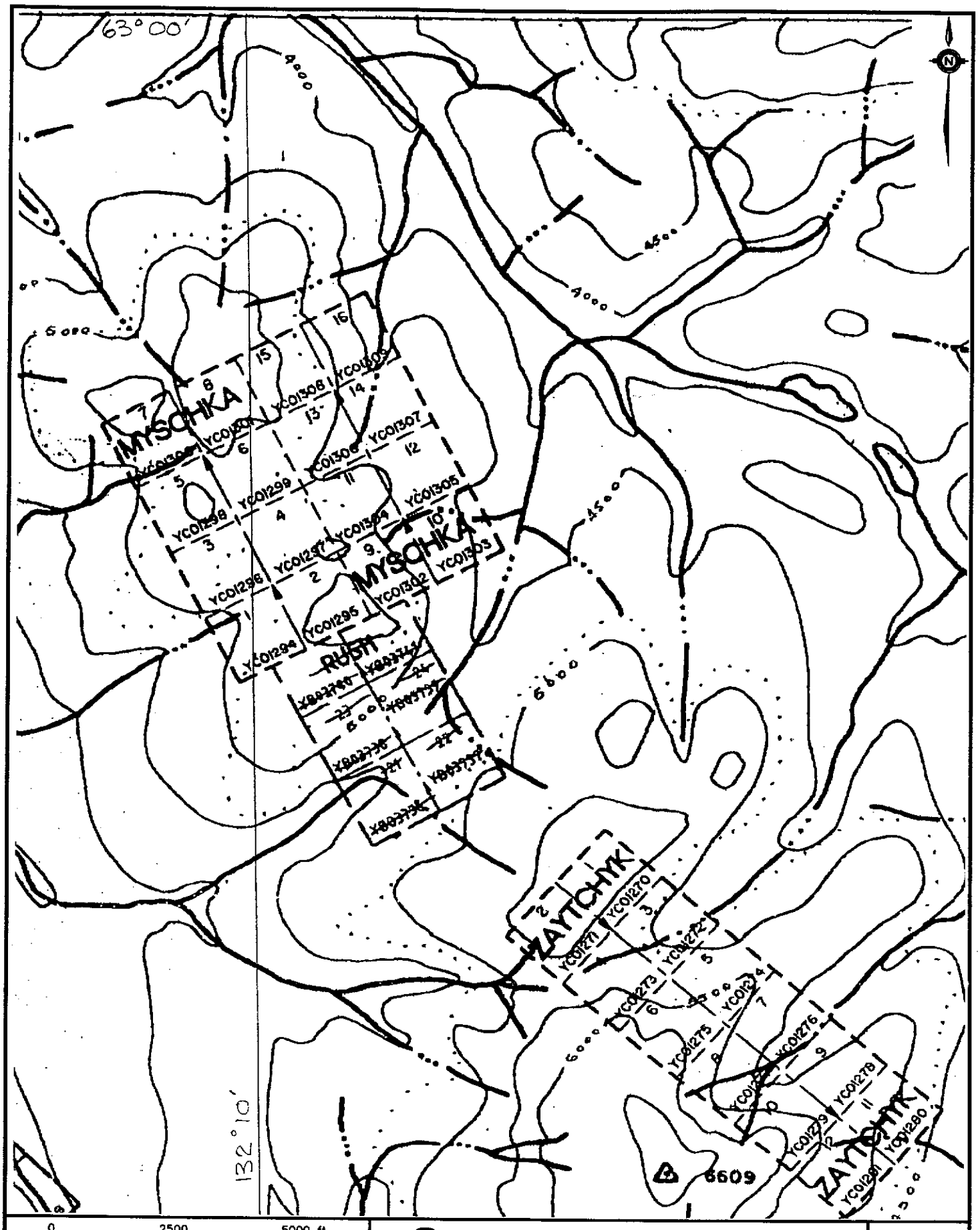


FIGURE 1: MYSCHKA PROPERTY GENERAL LOCATION MAP



0 2500 5000 ft.

0 1000 m

Scale 1 inch = 0.5 mile or 1:31,680

Date: May 99 NTS: 105K/16

VICEROY EXPLORATION (CANADA), INC.

MYSCHKA PROPERTY
CLAIM MAP

Fig. 2

1.5 Work Program

During 1998, geological mapping of the property was undertaken, as well as prospecting and soil, silt and rock sampling. A total of 64 soils, 1 silt and 58 rocks were collected within the claim boundaries. Only 24 of the rock samples were applicable for assessment filing. These samples were collected in early August. All sample locations for 1998 are shown on Figure 3 and Plate 1.

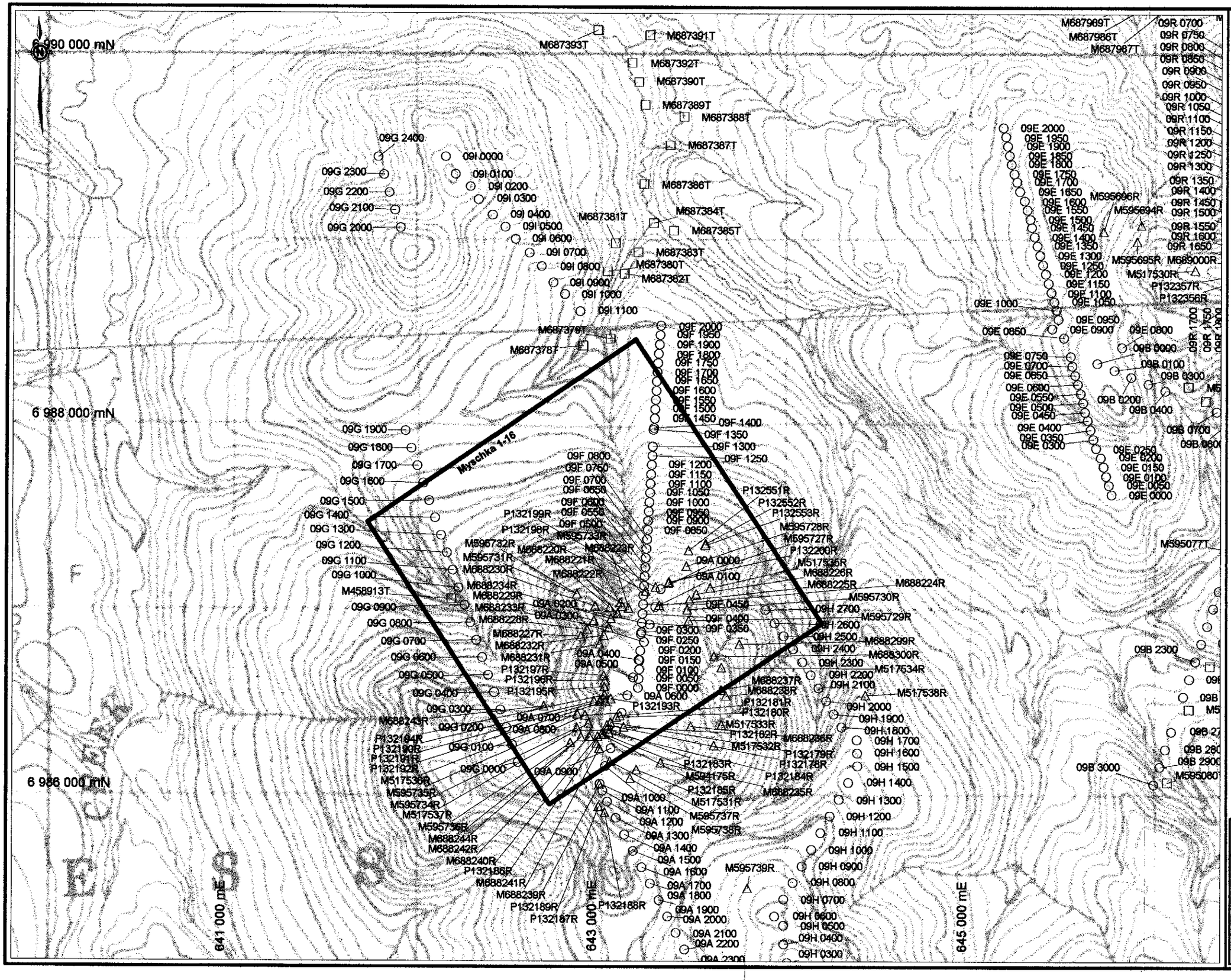
1.5.1 Sample Preparation and Assay Procedure

All samples were shipped and analyzed by Chemex Labs of North Vancouver, B.C. Soil samples were dried and sieved to – 80 mesh, and rock samples were crushed and pulverized to – 150 mesh. All samples were subject to 30g fire assay for gold with an atomic absorption finish, and also analyzed by 32 element ICP scan. Mercury was analyzed using a 10 ppb detection limit. Rejects are retained at Chemex Labs for one year. All sample locations have been tied into UTM co-ordinates and have been plotted. A sample database in Microsoft Excel format is included and can be interfaced with Autocad Map or MapInfo software programs.

1.5.2 Personnel

All applicable assessment work was done by Carl Schulze, Senior Exploration Geologist; xxx

Fireweed Helicopters of Dawson City, Yukon, provided helicopter services.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CHAPTER 2: GEOLOGY

2.1 Regional Geology

The Myschka Property is located within the Selwyn Basin which consists of a broad package of Paleozoic sediments extending ESE from north-west of Dawson City to the Yukon-NWT border north of the major NW-SE trending Tintina Fault Zone. This stratigraphy consists of shallow shelf to off-shelf marine clastic and chemical sediments, as well as basinal clastic sediments derived from the Ancient North American Platform to the north-east. Age of deposition ranges from Late Precambrian to Permian. At least two major episodes of rifting have occurred: the first during deposition of the Late Precambrian Hyland Group sediments, and the second during deposition of the Devono-Mississippian Earn Group sediments (Table 2, Figure 4). These major rift zones often host poorly sorted coarse clastic sediments, such as debris flows or turbidite horizons. Several episodes of continental uplift have led to periods of increased erosion and resulting continental margin or miogeosynclinal deposition, resulting in the creation of sequences of comparatively high energy, shallow water sediments, often coarsely grained and variably calcareous. These are separated by strata formed under deeper, quieter water conditions, resulting in formation of fine clastic sediments and chert. The Mid-Cretaceous Tombstone-Tungsten Suite (95-89 Ma) has been emplaced within the Selwyn Basin. Intrusives of this suite occur along an ESE trending belt extending for over 500 kilometres from north-west of Dawson City, Yukon to the Yukon-NWT border. Intrusives are believed to control much of the economic gold mineralization within the Selwyn Basin.

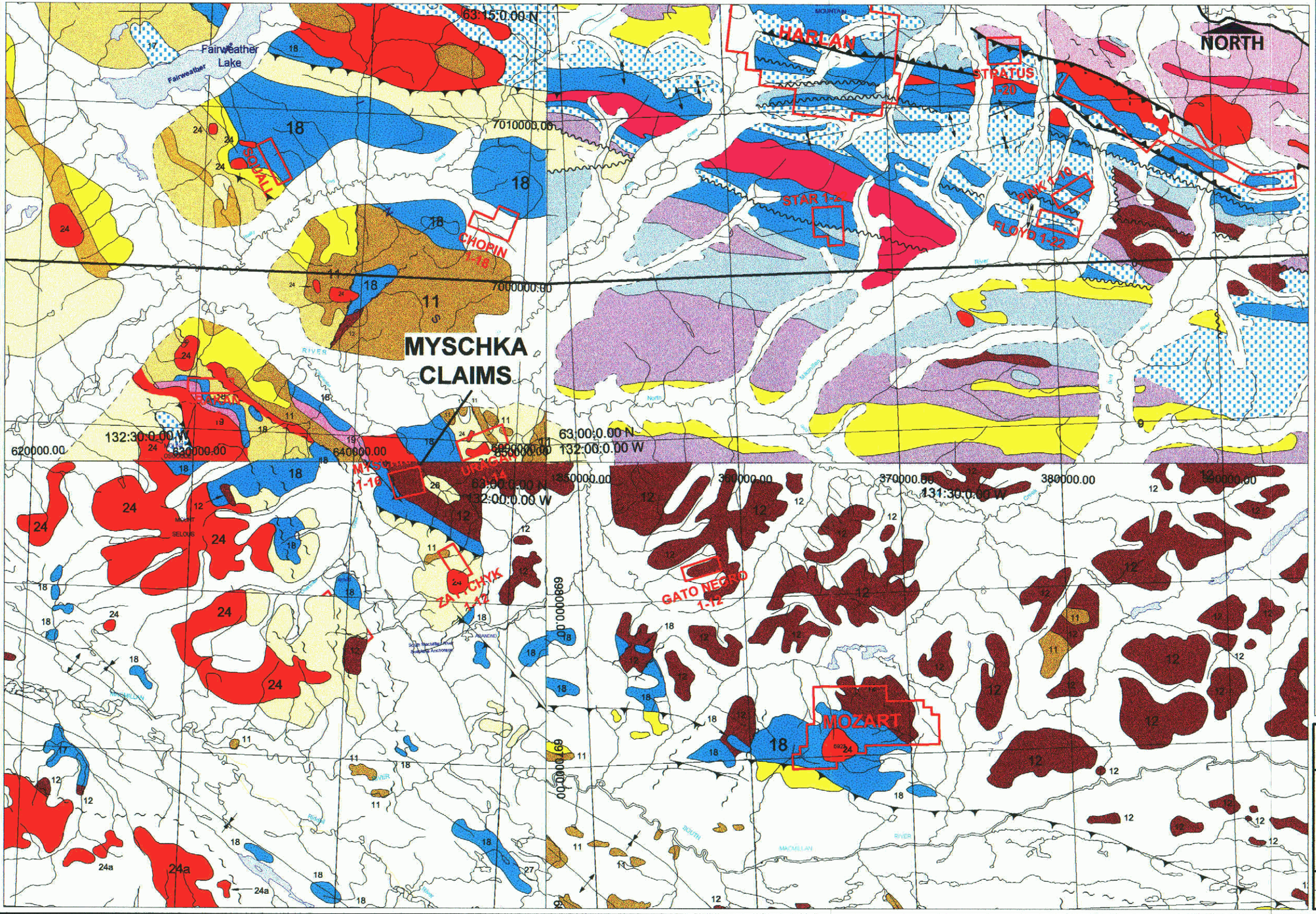
Extensive thrust faulting along the entire extent of the Selwyn Basin began during Late Jurassic time, resulting in creation of a compressional regime. Most thrust faults are oriented roughly ESE, dipping to the south-west, subparallel to the overall ESE trend of stratigraphy. Several major regional thrust faults were formed including the Dawson Thrust, Tombstone Thrust, and Robert Service Thrust. This regional lineation has been overprinted by a slightly less pronounced NE-SW lineation, marked by high angle orthogonal faults suggesting the compressional regime was followed by an extensional tectonic regime.

2.2 Property Geology

The Myschka Property is underlain by Road River group chert with Earn Group chert pebble conglomerate underlying the extreme south-west corner (see Plate 1). In southern areas, a small granodiorite stock and associated quartz-monzonitic dykes has intruded the cherts. A zone of possibly explosive brecciated chert, associated with arsenopyrite and pyrite, covers roughly one square kilometre to the north, suggesting subsurface extension of the stock. Two lineations have been identified: a north-south trending fault zone extending along a drainage in the central area, and an ENE trending lineation extending across southern areas.

TABLE 2: STRATIGRAPHIC COLUMN, MYSCHKA PROPERTY

Age	Group	Formation (Lithology)	Geology Map Designation	Description
Mid-Late Cretaceous (95-89Ma)	Tombstone-Tungsten Plutonic Suite	Diorite through Granite (Most commonly Quartz-Monzonite)	Kqm, Kg, Kdr	Felsic to intermediate, dioritic to granitic intrusives, most commonly monzonitic, quartz monzonitic to quartz dioritic. Frequently quartz-feldspar to feldspar porphyritic within upper emplacement levels and dykes. Tungsten Suite along Yukon - NWT border is now believed to be part of Tombstone Suite.
Devonian - Mississippian	Earn Group	**Prevost Formation** Shale, chert-pebble-conglomerate, chert-quartz sandstone	DMp, (Dme)	Brown weathering shale, grey - grey-brown weathering chert-pebble-conglomerate, dark grey to black chert-quartz sandstone.
Devonian - Mississippian	Earn Group	**Portrait Lake Formation** Shale, chert	Dp, (Dme)	Shale, chert, minor sandstone and conglomerate.
Ordovician - Early Devonian	Road River Group	**Steel Formation**	SS (OSDr)	Weakly to moderately calcareous orange weathering mudstone to siltstone, often bioturbated reflecting oxygenated bottom water conditions.
Ordovician - Early Devonian	Road River group	**Duo Lake Formation**	OSD (OSDr)	Black siliceous shale and chert, minor limestone. Weathers black to bluish white; local tan weathering.
Ordovician - Early Devonian	Road River group	**Menzies Creek Formation**	Mv	Basalts, andesites; frequently porphyritic and calcareous.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CHAPTER 3: MINERALIZATION

3.1 Property Mineralization

Sampling of lead-zinc-silver veins returned high silver values with moderately elevated gold. Values to 510 ppb Au with 157 gpt Ag, and 100 ppb Au with 973 gpt Ag were returned from grab samples of veining within brecciated chert about 100 metres south-west of the stock, and a value of 5137 gpt Ag was returned from a grab sample of massive galena. There is a considerable range of Au: Ag ratios, suggesting some evolution of mineralization across emplacement history. Silt and soil sampling returned low values, except for weakly elevated values to 60 ppb Au in soil from the explosive brecciated zone.

Although polymetallic vein mineralization has been found to date, potential exists for more widespread gold within, and east of the breccia zone, where the anomalous soils were taken. Weakly elevated gold values obtained nearby (i.e. the Uragan Claims) suggest the area may host a mineralized camp similar to the Keno Hill area, with lead-zinc-silver veins within an area of more widespread sediment hosted gold mineralization.

CHAPTER 4: CONCLUSIONS

The Myschka Property, consisting of the Myschka 1-16 Claims located in Central Yukon on NTS sheet 105K/16, was staked in 1998 to cover several previously identified lead-zinc-silver veins.

The Myschka Property is located within the Paleozoic Selwyn Basin which consists of a broad package of Paleozoic sediments extending ESE from north-west of Dawson City to the Yukon-NWT border north of the major NW-SE trending Tintina Fault Zone. This stratigraphy consists of shallow shelf to off-shelf marine clastic and chemical sediments, as well as basinal clastic sediments derived from the Ancient North American Platform to the north-east. Several episodes of continental uplift have led to periods of increased erosion and resulting continental margin or miogeosynclinal deposition, resulting in formation of comparatively high energy, shallow water sediments, often coarsely grained and variably calcareous. These are separated by strata formed under deeper, quieter water conditions, resulting in formation of fine clastic sediments and chert. The Mid-Cretaceous Tombstone-Tungsten Suite (95-89 Ma) has been emplaced within the Selwyn Basin. Members of this suite occur along an ESE trending belt extending for over 500 kilometres from north-west of Dawson City, Yukon to the Yukon-NWT border. Tombstone Suite intrusives are believed to control much of the economic gold mineralization within the Selwyn Basin.

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CHAPTER 5: RECOMMENDATIONS

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STATEMENT OF QUALIFICATIONS

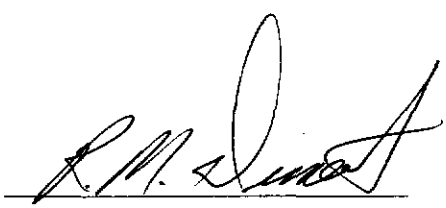
I, Rick Diment, of the City of Whitehorse, Yukon Territory, Canada, do hereby certify that:

1) I have held the position of Senior Exploration Geologist with Viceroy Exploration (Canada), Inc, since 1996.

2) I graduated from University of British Columbia with a Bachelor of Science Degree in Geology in 1986.

3) I have been continually active in mineral exploration since 1986.

4) Although I did not supervise the field activities or have not been to the property described in this report; information was compiled from the Field Party Chief's field notes and reports (Carl Schulze).



Rick Diment
Senior Geologist
Viceroy Exploration (Canada) Inc.

APPENDIX 1

APPLICABLE EXPENDITURES FOR ASSESSMENT CREDITS

Myschka Property Expenditures	
Description	**Expenditure**
Labor	600
Camp costs	90
Helicopter	439
Fixed Wing	650
Geochemical Analyses	480
Ground Transportation	70
Report Writing	975
Total	**3,304**

APPENDIX 2

ROCK ASSAY RESULTS

Myschka

Rock Sample Description and Assay Sheet

Sample_	X_Coord	Y_Coord	Z_Coord	Traverse	Zone	Type	Width_m	Desc	Fm	Lithology	Modifier	Colour	Carb	Stkpl	Alt_ARG	Alt_POT	Alt_PHY	Limonite	Mineral_1	M1_Amt	Mineral_2	M2_Amt	Mineral_3	M3_Amt	Date	Name
P132178R	643040	6866380		8S	8	g		tf	OSDr	ARPY	vn	mgy		S1				wk	Arpy	85	Scor	5			38014	SS
P132179R	643056.1	6866393		9S	8	g		tf	OSDr	QTZ	vn	tan		S2				mod	Arpy	90	Gl	5	P	5	38014	SS
P132180R	643091.9	6866423		9S	8	g		tf	OSDr	CH	frac	mgy		S1				wk	Arpy	70	Scor	10			38014	SS
P132181R	643110	6866430		9S	8	cg		tf	OSDr	GALENA	vn	mgy		S1				wk	Gl	95					38014	SS
P132182R	643130	6866370		9S	8	cg		tf	OSDr	CH	brec	mgy	C1	S2				wk	P	15					38014	SS
P132183R	643040	6866380		8S	8	g		tf	OSDr	CH	brec	mgy		S2				wk	P	85	Gl	5			38014	SS
P132184R	643060	6866340		8S	8	g		tf	OSDr	QTZ	vn	mgy	C1	S5				wk	Arpy	40	Gl	10	P	10	38014	SS
P132185R	643010	6866350		8S	8	cg		tf	OSDr	CH	brec	mgy	C1	S2				wk	P	30	Arpy	10	Scor	10	38014	SS
P132186R	643027.6	6865908		8S	8	c		Oc	OSDr	CPC	brec	tan		S2				wk							38014	SS
P132188R	643000	6866060		9S	8	g		tf	OSDr	CPC	frac	mgy		S1				mod	Scor	10					38014	SS
P132190R	642968.5	6866508		9S	8	cg		tf	OSDr	CH	brec	tan		S2				mod	P	10	Scor	5			38014	SS
P132191R	643001	6866509		9S	8	cg		tf	OSDr	CH	brec	mgy	C1	S2				wk	P	30					38014	SS
P132192R	643032.4	6866509		9S	8	cg		tf	OSDr	CH	brec	tan		S2				mod	P	10	Arpy	5	Scor	5	38014	SS
P132193R	643061.5	6866521		9S	8	cg		tf	OSDr	CH	brec	mgy		S2				mod	P	15	Arpy	5	Scor	5	38014	SS
P132194R	643028.8	6866543		9S	8	g		rb	Kqm	BM	brec	yl	C1	S2	A1		Ph1	mod							38014	SS
P132195R	643024.7	6866566		9S	8	g		rb	Kqm	BM	brec	tan	C1	S2	A1		Ph1	mod	Gl	5					38014	SS
P132196R	643029.1	6866618		9S	8	g		rb	Kqm	BM	brec	tan	C1	S2	A1		Ph1	mod							38014	SS
P132187R	643021.5	6866647		9S	8	cg		tf	Kqm	BM	brec	yl	C1	S2	A1		Ph1	mod							38014	SS
P132198R	643349.2	6867102		9S	8	cg		tf	OSDr	CH	brec	yl		S2	A1			mod	Scor	tr					38014	SS
P132199R	643302.4	6867123		9S	8	g		rb	OSDr	CH	brec	yl		S2	A1			mod	Scor	tr					38014	SS
P132200R	643375.8	6867150		9S	8	g		rb	OSDr	CH	brec	yl		S2	A1			mod	Scor	tr					38014	SS
P132351R	647198.3	6868183		9R	8	e	2.1	rb		DIOR	frac	tan		S2	A3			mod	P	tr	Scor	tr			38001	CS
P132352R	647220.2	6868144		9R	8	cg		rb		DIOR	frac	tan		S1	A3		Ph2	mod	P	tr					38001	CS
P132353R	646973.4	6868221		9R	8	e	1.1	Oc	OSDr	QZTE	frac	buff		S2	A2			mod	P	tr					38001	CS

Myschka
Rock Sample Description and Assay Sheet

ASAMP	Au_ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn	Comments
P132176R	475	53	0.07	10000	10	0.2	48	0.01	3	152	27	20	15	5	10	0.04	5	0	70	1	0	8	160	1485	1065	0	2	0	30	5	0	5	206	Arpy vein
P132179R	85	284	0.3	10000	120	0.2	56	1.25	163	39	123	52	3.65	5	1740	0.14	5	0.47	1995	4	0	16	860	28500	230	1	34	0	5	5	8	5	7920	Sulphide vein
P132180R	510	157	0.22	10000	20	0.2	228	0.05	8	322	91	31	12.9	5	70	0.12	5	0.07	1310	5	0	52	700	8170	884	0	14	0	30	5	1	5	484	Arpy vein not less than 30 cm in thickness
P132181R	-1	5137	0.01	1215	5	0.2	132	0	66	0	9	13	0.87	5	440	0.01	5	0	20	0	0	0	40	770000	5230	0	9	0	5	5	0	5	1090	Galena vein
P132182R	35	46.2	0.43	1180	120	0.2	18	10.3	79	5	59	86	5.24	5	190	0.2	10	0.38	7560	4	0	14	840	2920	100	1	89	0	5	5	7	5	7010	Dissem. of cubic pyrite
P132183R	100	973	0.23	364	80	0.2	44	0.06	24.5	0	126	45	2.43	5	1540	0.13	5	0.02	110	2	0	1	530	129500	752	0	21	0	5	5	4	5	1730	Sample represents the area around sulphide v
P132184R	320	143	0.39	10000	60	0.2	124	0.21	9	212	120	23	6.53	5	90	0.19	5	0.03	1640	5	0	57	1140	13000	382	0	9	0	10	5	7	5	852	Sulphide vein
P132185R	25	38.6	0.51	1350	40	0.2	34	1.76	5	7	117	8	5.63	5	40	0.23	5	0.56	820	2	0	16	1450	3040	78	1	38	0	5	5	11	5	430	Dissem. of sulphides
P132186R	2	1.4	0.52	86	280	0.2	1	0	0.5	4	172	35	6.52	5	670	0.07	5	0	130	9	0	48	260	96	12	0	8	0	5	5	4	5	706	Small holes after sulphide leaching
P132188R	45	68.6	0.17	245	310	0.2	1	0.01	11.5	0	220	40	1.81	5	2330	0.05	5	0.01	156	5	0	1	540	9400	3170	0	27	0	5	5	17	5	682	Small holes after sulphide leaching
P132189R	30	91	1.17	10000	360	0.2	12	0.37	19	8	124	58	3.81	5	90	0.24	10	0.62	290	45	0	18	1840	6580	128	3	91	0	5	5	91	5	614	Sulphide-bearing zone
P132190R	30	91	1.17	10000	360	0.2	12	0.37	19	8	124	58	3.81	5	90	0.24	10	0.62	290	45	0	18	1840	6580	128	3	91	0	5	5	33	5	3710	Sulphide-bearing zone
P132191R	205	119	1.08	10000	10	0.2	39	1.77	67	28	119	202	10.15	5	160	0.07	5	0.91	805	7	0	72	1520	16200	116	2	54	0	5	5	33	5	402	Sulphide-bearing zone
P132192R	15	7.4	1.52	1935	400	0.2	4	0.5	9	2	155	35	3.79	5	10	0.29	10	1.02	595	118	0	15	3110	1005	72	9	18	0	5	5	444	5	402	Sulphide-bearing zone
P132193R	115	65.6	0.32	10000	40	0.2	60	4.26	191	17	60	115	6.65	5	310	0.15	5	0.34	2730	7	0	18	730	14800	92	1	68	0	5	5	8	5	13600	Sulphide-bearing zone, also galena 3%
P132194R	2	6.8	0.73	398	170	0.2	14	0.86	4.5	1	163	42	3.86	5	5	0.26	10	0.22	100	6	0	3	850	450	28	2	8	0	5	5	26	5	354	Altered BM or dyke?
P132195R	50	236	0.49	10000	230	0.2	8	0.05	31	5	158	79	4.79	5	370	0.24	5	0.03	156	1	0	0	320	34000	566	2	13	0	5	5	5	5	2440	Altered BM or dyke?
P132196R	2	37.2	1.91	200	220	0.2	6	0.05	4	0	144	31	4.43	5	80	0.31	10	0.86	270	4	0	1	370	4280	22	8	8	0	5	5	32	5	532	Altered BM or dyke?
P132197R	2	34.6	0.85	716	270	0.2	1	0.06	3	0	133	31	2.52	5	40	0.23	5	0.22	140	1	0	0	350	4710	140	1	4	0	5	5	9	5	316	Altered BM or dyke?
P132198R	2	1.6	0.58	32	1930	0.2	4	0	0.2	0	162	10	0.9	5	5	0.25	10	0.05	15	8	0.01	8	90	116	20	1	20	0	5	5	19	5	12	Numerous cubic (Pyrite?) holes
P132199R	2	1	0.17	56	900	0.2	6	0	0.2	0	212	17	1.05	5	5	0.04	6	0.01	15	1	0	4	70	70	10	0	4	0	5	5	6	5	20	Numerous cubic (Pyrite?) holes
P132200R	5	1.2	0.18	144	280	0.2	1	0	0.2	0	246	26	1.7	5	10	0.07	5	0.01	15	7	0	2	120	70	6	0	2	0	5	5	8	5	6	Numerous cubic (Pyrite?) holes
P132201R	2	0.6	0.83	6	50	0.5	1	0	0.5	3	48	611	4.79	5	80	0.04	0	0	50	1	0	30	780	0	1	8	3	0	5	5	85	5	40	Local argillic alt. siliceous veins
P132351R	2	0.6	0.83	6	50	0.5	1	0	0.5	3	48	611	4.79	5	80	0.04	0	0	50	1	0	30	780	0	1	8	3	0	5	5	85	5	40	Local argillic alt. siliceous veins
P132352R	2	0.4	0.67	8	810	0.5	1	0.01	0.5	3	61	85	6.09	5	90	0.01	0	0	50	3	0	15	980	6	1	4	4	0	5	6	5	5	54	Strong blot. alt, Py boxwork
P132353R	2	0.8	0.13	1	90	0.2	1	0	0.5	3	15	95	3.5	5	80	0.03	5	0	845	6	0	83	100	4	1	5	5	0	5	5	41	5	154	Local brecc. opte, recrystallized sil. SLT?

642 000 mE
644 000 mE
646 000 mE
648 000 mE
650 000 mE
6 992 000 mN
6 990 000 mN
6 988 000 mN
6 986 000 mN
6 984 000 mN
6 982 000 mN
6 980 000 mN

Uragan 1-14
Myschka 1-16
Zaytchyk 1-12

KDr
Dior
Strongly Brecciated, limonitic, baritic zone
Zone of strong silicification and quartz veining
Main fracture zone controlling As+sulphide mineralization
Limits of explosive breccia zone
py, Aspy
Fault/ fracture zone
Kg GDr
OSDr
SLT, calc.
CH
SLT
ARG
OSDr
CH
DMe
CPC, SH
DMe
CPC
COr
LST
GW
CPC
LST
Kqm
Kgd
FP dikes
OSDr
Blk SH
OSDr
CH, SH
PrCh
SLT, SS
Kqm
(QM)
Massive Po/Cp Skarn

RGS stations: 6, 8, 9, 24, 6, 1, 6, 7, 8, 3, 5

GEOLOGICAL LEGEND

Cretaceous: Tombstone Suite

Kgd,Kqm - Granodiorite(GDR), Diorite(DIOR), local quartz-monzonite(QM) dikes, quartz-monzonite stock SE of Zaytchik. Locally feldspar porphyritic(FP).

Devono-Mississippian: Earn Group

DMe - Chert-pebble conglomerate(CPC), shale(SH).

Ordovician to Devonian: Road River Group

OSDr - Chert(CH), minor shale

OSDr - Shale(SH), siltstone(SLT), locally calcareous, minor limestone-marble(LST), local argillite(ARG).

Cambrian to Ordovician: Rabbitkettle Formation

COr - Limestone(LST), minor siltstone

Precambrian to Early Cambrian

PrCh - "Gritty" siltstone(SLT) to coarse sandstone(SS), locally calcareous, minor shale.

Geological contact
Outcrop boundary
Limit of alteration
Strike and dip of bedding
Strike and dip of foliation
Fault

As = Arsenopyrite
blk = Black

GEOCHEMISTRY LEGEND

Silt samples

<= 14 ppb Au	(126)
15 to 34 ppb Au	(17)
35 to 49 ppb Au	(0)
50 to 99 ppb Au	(4)
>= 100 ppb Au	(1)

Soil samples

<= 19 ppb Au	(281)
20 to 49 ppb Au	(15)
50 to 99 ppb Au	(7)
100 to 249 ppb Au	(0)
250 to 499 ppb Au	(1)
>= 500 ppb Au	(0)

Rock samples

<= 19 ppb Au	(145)
20 to 99 ppb Au	(22)
100 to 499 ppb Au	(15)
500 to 999 ppb Au	(3)
>= 1000 ppb Au	(0)

RGS Stream sediment sample Au in ppb (-1 = element not analysed)

Map Datum : UTM Zone 8 (NAD27)

0 0.5 1
Kilometres
Scale: 1:10,000

VICEROY EXPLORATION (CANADA), INC.

Target 9 Properties (Myschka, Uragan and Zaytchyk Claims)

COMPILATION & GOLD GEOCHEMISTRY

094095

DRAWN BY: CS,TL,AF	DATE: Dec. 1998	NTS: 105K/16 & 105N/1	
REVISION:	SCALE: 1:10,000	PLATE NO: 1	

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