COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

NTS 105 G/11, 6

1994 ASSESSMENT REPORT

CHUB, INK AND NIK PROPERTIES

SOIL GEOCHEMISTRY AND GEOLOGICAL MAPPING

WATSON LAKE M.D., YUKON

PELLY MOUNTAINS AREA

WORK PERIOD

JULY 24 AND 26, 1994

APRIL, 1995

PAUL A. MacROBBIE

TABLE OF CONTENTS

ATTACHMENTS

1994 ASSESSMENT REPORT
CHUB, INK AND NIK PROPERTIES, YUKON TERRITORY

1. SUMMARY

The CHUB, INK and NIK properties are located about 25 kms south of the Robert Campbell Highway, northeast of the Hoole River, approximately 80 kms southeast of Ross River.

The properties were staked to cover airborne geophysical targets identified during a Cominco survey conducted in early 1994.

The rocks underlying this part of southeastern Yukon have been assigned to 2 terranes: the Yukon-Tanana Terrane (YTT) and the Slide Mountain Terrane. The YTT consists primarily of a layered sequence of metamorphosed rocks comprising a *"lower unit"* of pre-Devonian quartzite, pelitic schist and minor marble, a late Devonian to mid-Mississippian *"middle unit"* comprising carbonaceous phyllite and schist with interbanded mafic and, locally significant, felsic metavolcanics, and an *"upper unit"* of Pennsylvanian marbles and quartzite. Volcanism within the "*middle unit*" was accompanied by the intrusion of 2-3, late Devonian to Mississippian, mafic to felsic metaplutonic suites. Felsic volcanics of the middle unit are host to Cominco's ABM VHMS deposit.

All 3 properties are apparently underlain by unit 3F (Mortensen, 1983a) comprising mixed metasedimentary/mafic metavolcanic sequences which are either intruded by mafic sills/dykes (ie. CHUB property, NIK property?) or in fault contact with mafic sills/dykes and serpentinites (ie. INK property). There are no indications of felsic volcanics or base metal mineralization of interest.

The AEM conductors and Mag features can easily be explained by either carbon in sediments or along structures and magnetic mafic intrusives.

No soil anomalies of interest were identified.

No further work is recommended on any of the 3 properties.

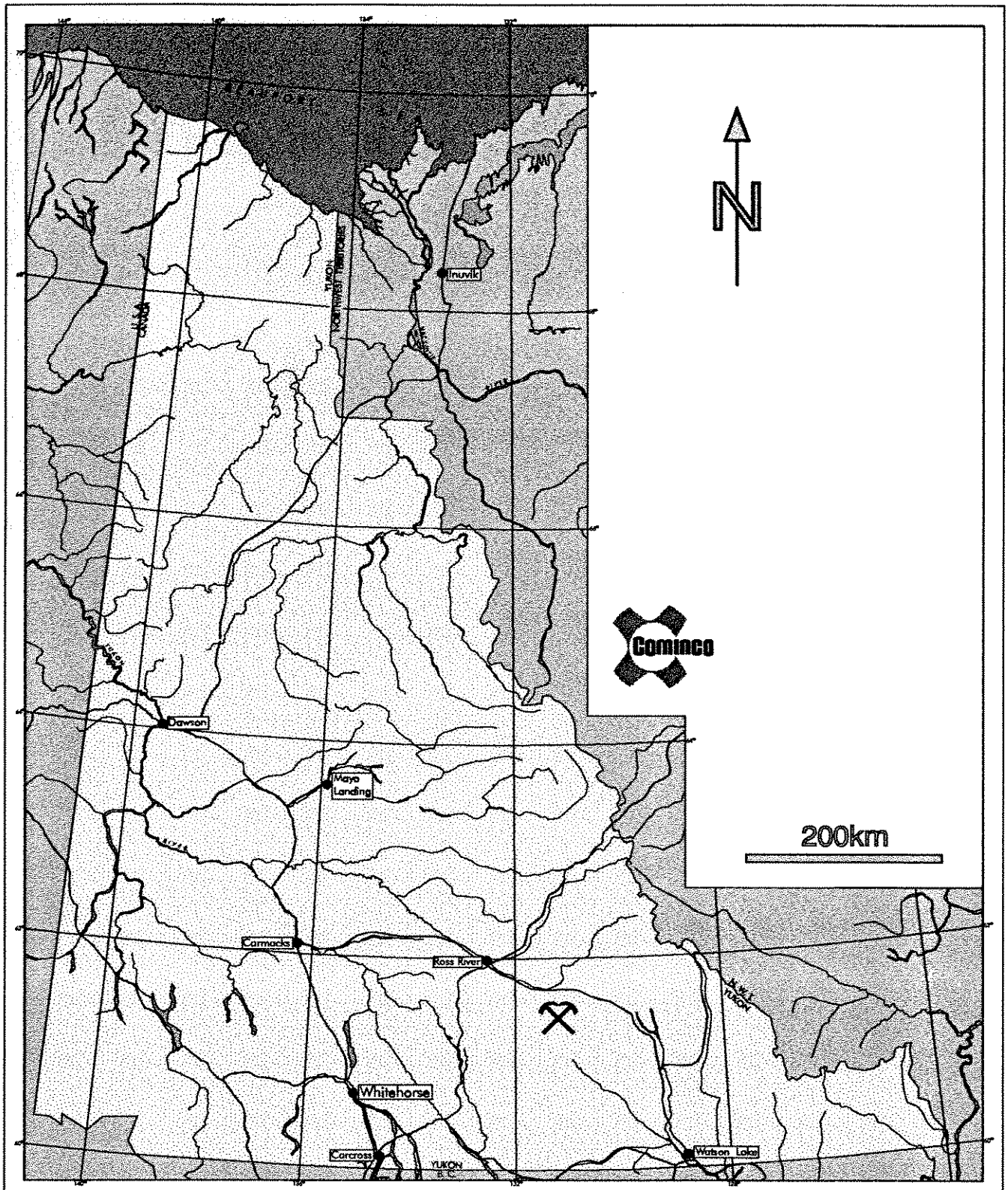
2. LOCATION AND ACCESS

The CHUB, INK and NIK properties are located north of the Tintina Trench and northeast of the Hoole River, approximately 80 kms southeast of Ross River (Figures 1 and 2). The gravel, all-weather Robert Campbell Highway provides access to within 20 kms of the properties. Direct access is by helicopter. An old, overgrown winter road which leaves the highway at Mink Creek extends about 45 kms to within 5 kms of the INK and NIK properties.

3. PROPERTY AND OWNERSHIP

The CHUB property (18 units), INK property (38 units) and NIK property (12 units) are all due June 22, 1995 (Figure 2) and are 100% owned by Cominco Ltd.

NAME	UNITS	CLAIM NO.	DUE DATES
CHUB 1-18	18	YB49829-9846	June 22/95
INK 1-38	38	YB49527-9564	June 22/95
NIK 1-12	12	YB50995-1006	June 22/95



Drawn by:		Traced by: a. m. a.	
Revised by:	Date:	Revised by:	Date:

CHUB, INK and NIK PROPERTY LOCATIONS

105 G/11,6

Scale:	As Shown	Date:	April, 1995	Plate:	1

4. PREVIOUS WORK

No previous work by Cominco has been done in the CHUB, INK and NIK properties area.

Two showings are noted proximal to the CHUB property. Minfile #74 (Bev) is located about 3 kms to the south. This area was initially staked by Hudson Bay in 1974 following airborne geophysical surveys. Hudson Bay conducted ground EM and Mag surveys in 1975. The claims subsequently lapsed. The area was restaked in 1988 by Welcome North as part of a large block including the El showing (Cominco's TIN property). The location of the claims were apparently in the valley bottom. Minfile #75 (McIntosh or Bev) was also staked by Hudson Bay in 1974, approximately 2 kms to the west of the CHUB property. Ground EM and Mag surveys were completed in 1975. The claims subsequently lapsed.

Minfile #23 (Gil or Bev) is located within 2 kms to the west of the INK property. This area was initially staked by Atlas Exploration in 1966 following airborne geophysical surveys. Atlas conducted geological mapping and soil geochemistry sampling in that same year. The ground subsequently lapsed. In 1974, Hudson Bay restaked in the same area following their airborne surveys. Apparently no work was done on the ground and the claims lapsed. This area was again restaked in 1977 by L. Loots; however, no work was filed and the caims lapsed. The area staked was in an overburden covered valley, possibly the small valley now covered by the INK property(?). Approximately 3 to 4 kms the the southwest, the Our (Minfile #22) claims were staked in 1969 by D. Thrasher. It is uncertain why these claims were staked.

In the NIK property area, Minfile #107 (Rivier) was staked in 1988 by Welcome North which performed d geological mapping and soil geochemistry sampling in that same year. The claims covered an As soil anomaly with scattered weak Au values(?) overlying a quartz-Fe-carbonate (listwanite?) altered zone along the margins of thrust fault bounded, Slide Mountain Terrane serpentinized ultramafics. The ground was allowed to lapse.

5. 1994 WORK

CHUB PROPERTY
GEOLOGICAL MAPPING

On July 24, 1994, 1:10,000 scale geological mapping and prospecting was carried out by P. A. MacRobbie (Figure 3).

GEOCHEMISTRY

A total of 45 soil samples and 1 rock sample were collected on the property, also on July 24, 1994. Data is presented in Figure 3 and Appendix 2.

INK PROPERTY
GEOLOGICAL MAPPING

On July 26, 1994, 1:10,000 scale geological mapping and prospecting was carried out by N.J. Callen (Figure 3).

GEOCHEMISTRY

A total of 40 soil samples and 1 silt sample were collected on the property, also on July 26, 1994. Data is presented in Figure 3 and Appendix 2.

NIK PROPERTY
GEOLOGICAL MAPPING

On July 26, 1994, minor 1:10,000 scale geological mapping and prospecting was carried out by A.B.Mawer (Figure 3)

GEOCHEMISTRY

A total of 33 soil samples were collected on the property, also on July 26, 1994. Data is presented in Figure 3 and Appendix 2.

All soil and rock samples were analyzed for Cu, Pb, Zn, Ag, As, Cd, Co, Ni, Fe, Mo, Cr, Bi, Sb, V, Sn, W, Sr, Y, La, Mn, Mg, Ti, Al, Ca, Na and K by I.C.P., Au by Aqua Regia decomposition/AAS and Ba by XRF at Cominco Exploration Research Laboratory (CERL) in Vancouver.

6. REGIONAL GEOLOGY

The rocks underlying this part of southeastern Yukon have been assigned to 2 terranes: the Yukon-Tanana Terrane (YTT) and the Slide Mountain Terrane (SMT) (Mortensen, 1983a; Mortensen and Jilson, 1985).

The YTT consists primarily of a layered sequence of metamorphosed rocks comprising a *"lower unit"* of pre-Devonian quartzite, pelitic schist and minor marble, a late Devonian to mid-Mississippian *"middle unit" (3F)* comprising carbonaceous phyllite and schist with interbanded mafic and, locally significant, felsic metavolcanics (3G), and an *"upper unit"* of Pennsylvanian marbles and quartzite. Volcanism within the "*middle unit*" was accompanied by the intrusion of 2-3, late Devonian to Mississippian, mafic to felsic metaplutonic suites (Simpson Range suite and augen and monzonitic orthogneisses). This sequence appears to reflect stable platformal or shelf sedimentation with an intervening period of mafic to felsic arc volcanism developed within a more reduced basinal setting.

A subhorizontal to moderately north to northeast dipping, penetrative ductile deformation fabric (S2) and associated middle greenschist facies (chlorite-biotite grade) metamorphism affects all YTT rocks. This fabric reflects the first, and most significant, deformational and metamorphic event (D1) perhaps related to a continent-arc collision during late Permian to early Triassic time.

The late Devonian to Triassic SMT comprises a heterogenous package of mafic to ultramafic plutonic rocks, mafic volcanics, massive carbonate and chert. This sequence was structurally emplaced as thrust bounded klippen on YTT rocks or as thrust slices imbriccatted within YTT rocks during a period of crustal shortening (D2). The SMT is thought to represent a disrupted oceanic crust and volcanic arc assemblage thought to be located between the YTT and ancestral North America(?).

Late Triassic immature clastics comprising micaceous argillite, siltstone and sandstone unconformably(?) overlie the deformed and metamorphosed YTT rocks. These sediments are often closely associated with SMT volcanics and are invariably in fault contact with YTT rocks.

The SMT, Late Triassic sediments and Late Triassic to Middle Jurassic plutons are all affected by a period of thrust faulting (D2) during the Jurassic.

7. CHUB PROPERTY GEOLOGY AND GEOCHEMISTRY

The property is apparently underlain by unit 3F (Mortensen, 1983a) comprising a mixed metasedimentary/mafic metavolcanic sequence.

Outcrop exposure on the property is generally restricted to hill on ridge tops (Figure 3). The property is underlain by a sequence of massive, well foliated quartz-chlorite-biotite-feldspar phyllitic schists and phyllites (tuffaceous siltstones or wackes?) with minor dark grey, variably carbonaceous phyllitic argillite and chloritic phyllites (mafic tuffs?). This metasediment/metavolcanic sequence, with a general EW trend and moderate (28 to 38°) dips to the south. Several magnetic and non-magnetic mafic intrusive sills/dykes(?) intrude the sequence. Metasediments and metavolcanics adjacent to the mafic sills/dykes are locally Fe-carbonate altered and pyritic (MRCH01).

Soil geochemistry revealed a series of weak to strong Cu (51 to 259 ppm) anomalies with a strong Cr-Fe$\pm$Ni-Ag metal signature in an area of a magnetic mafic intrusive (Figure 3).

8. INK PROPERTY GEOLOGY AND GEOCHEMISTRY

The property is apparently also underlain by unit 3F (Mortensen, 1983a) comprising a mixed metasedimentary/mafic metavolcanic sequence.

Outcrop exposure is restricted to the ridge tops (Figure 3). The property covers a package of variably quartz-Fe-carbonate (listwanite?) altered dark green, chloritic phyllitic schists (mafic tuff and tuffaceous wackes?) with minor muscovite-quartz-feldspar schists and intercalated argillite. This package is structurally overlain by a sequence dominated by phyllite, argillite and coarser quartz-feldspar wacke/arkosic metasediments with lesser blocky, green chloritic phyllites. These sequences, mapped as unit 3F, again trend EW with moderate to steep (20 to 65°) dips to the south.

The ridges to the south of the property form the structurally highest package of rocks, comprising a quartz-Fe-carbonate (listwanite?) altered and veined serpentinized mafic/ultramafic of the Slide Mountain Terrane.

The contour soil geochemistry revealed scattered weak to moderate Cu (50 to 77 ppm) with a very strong Co-Fe±Ni-Cr metal association downslope of the variably altered mafic/ultramafic rocks. The silt sample returned an anomalous Pb (32 ppm) and strongly anomalous As (142 ppm) and Ni values.

9. NIK PROPERTY GEOLOGY AND GEOCHEMISTRY

The NIK property is underlain by metasediments of unit 3F (Mortensen, 1983a). The metasediments comprise grey to black quartz-biotite, quartz-muscovite and muscovite-chlorite-biotite-quartz-feldspar schists (wackes/ siltstones) and interbedded carbonaceous argillite, siltstone and calcareous siltstone. This sequenc trends NS with shallow (10 to 20°) east dips. Along the western edge of the property is a feldspar porphyritic monzonite intrusive.

The soil sampling revealed a single, coincident strong As (532 ppm), Ag (2.6 ppm) anomaly with elevated Pb (32 ppm). Several other weak Cu-Ag anomalies and a single Pb (37 ppm) anomaly are present.

10. CONCLUSIONS and RECOMMENDATIONS

All 3 properties cover mixed metasedimentary/mafic metavolcanic sequences which are either intruded by mafic sills/dykes (ie. CHUB property, NIK property?) or in fault contact with mafic sills/dykes and serpentinites (ie. INK property).

There are no indications of felsic volcanics or base metal mineralization of interest. No soil anomalies of interest were identified.

The AEM conductors and Mag features can easily be explained by either carbon in sediments or along structures and magnetic mafic intrusives.

No further work is recommended on any of the 3 properties.

Report by: _____
P.A. MacRobbie, P.Geo
Geologist

Endorsed by: _____
D. Rhodes,
Senior Geologist

Approved for
Release by: _____
J.M. Hamilton
Manager, Exploration
Western Canada

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11. REFERENCES

MORTENSEN, J. K., 1983a. AGE AND EVOLUTION OF THE YUKON-TANANA TERRANE, SOUTHEASTERN YUKON TERRITORY [Ph.D. Thesis]; Santa Barbara, University of California, 155 p.

MORTENSEN, J. K. AND JILSON, G. A., 1985. EVOLUTION OF THE YUKON-TANANA TERRANE : EVIDENCE FROM SOUTHEASTERN YUKON TERRITORY; Geology, 13, p. 806-810.

APPENDIX 1

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Paul A. MacRobbie, of 11164 Southridge Rd., Delta, B.C. hereby declare that I:

1. Graduated from Carleton University, Ottawa, Ontario with a B.Sc. in Geology in May, 1986 and a M.Sc. in Geology in June, 1988.

2. Have been actively engaged in mineral exploration in Western Canada as a permanent geologist with Cominco Ltd. since June, 1988.

3. Am a registered member of The Association of Professional Engineers and Geoscientists of the Province of British Columbia.

Date: April 10, 1995

P.A MacROBBIE, P.Geo
GEOLOGIST

APPENDIX 2

1994 GEOCHEMISTRY DATA

CHUB PRORERTY GEOCHEM.

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram	Ba ppm
R9406460	MR-CH-01	<10	5	2250

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised
If requested analyses are not shown ,results are to follow

ANALYTICAL METHODS

Au Aqua regia decomposition / solvent extraction / AAS
Wt Au The weight of sample taken to analyse for gold (geochem)
Ba X-Ray fluorescence / loose powder

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm
R9406460	MR-CH-01	15	15	81	<.4	<2	1379	<1	17	42	4.44	<2	62	<5

Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %
<5	48	<2	<2	1094	17	35	1043	2.44	.01	.59	7.11	.05	.03

ANALYTICAL METHODS

ICP PACKAGE :0.5 gram sample digested in hot reverse aqua regia (soil,silt) or hot Aqua Regia(rocks).

Property	LabNo	FieldNo	S	M	O	S	Col	Sz	O	W	Dph	W/S	F/W	P	Cu	Pb	Zn	Ag	As	Ba(icp)	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	Au	Wt	Ba(xrf)
Chub	S9416144	240997	1	1	5	**	2B	4	2	1	30	1	B2	**	26	7	73	0.2	13	351	1	15	33	3.28	2	56	2	5	69	1	1	55	16	16	457	1.05	0.07	1.72	0.84	0.01	0.08	5	10	1617
Chub	S9416145	240998	1	1	5	**	1B	23	1	1	30	1	B2	**	17	7	58	0.2	10	232	1	14	43	2.83	3	85	2	2	53	3	1	46	7	12	501	1.09	0.03	1.51	0.75	0.01	0.04	5	10	1538
Chub	S9416146	240999	1	1	5	**	1B	3	1	1	40	1	B2	**	15	9	52	0.2	9	184	1	10	29	2.15	1	44	2	2	30	2	1	33	9	12	236	0.68	0.02	1.12	0.53	0.01	0.04	5	10	1354
Chub	S9416147	241000	1	1	5	**	1B	23	1	1	35	1	B2	**	30	6	73	0.2	11	176	1	14	52	2.79	1	88	2	2	47	1	1	44	14	18	400	1.17	0.04	1.52	0.76	0.01	0.07	5	10	1258
Chub	S9416148	243501	1	1	5	**	1B	23	1	2	45	2	B2	**	23	7	77	0.2	13	303	1	11	39	2.25	3	59	2	2	33	1	1	46	14	17	442	0.80	0.02	1.49	0.68	0.01	0.05	5	10	1626
Chub	S9416149	243502	1	1	5	**	1B	3	1	2	35	2	B2	**	16	6	63	0.2	7	205	1	13	40	2.59	2	67	2	2	41	3	1	28	9	12	321	0.94	0.02	1.44	0.47	0.01	0.04	5	10	1491
Chub	S9416150	243503	1	1	5	**	1B	23	1	2	35	2	B2	**	27	7	64	0.2	12	436	1	20	40	3.44	1	79	2	2	69	3	3	59	7	8	549	1.42	0.05	1.83	0.74	0.01	0.10	5	10	1965
Chub	S9416151	243504	1	1	5	**	1B	23	1	2	35	2	B2	**	17	8	64	0.2	14	346	1	13	40	2.78	1	69	2	2	47	1	1	38	5	11	443	0.99	0.02	1.53	0.51	0.01	0.07	5	10	1784
Chub	S9416152	243505	1	1	5	**	1B	23	1	1	30	2	B2	**	20	7	69	0.2	14	283	1	14	43	2.85	1	71	2	2	46	3	1	23	7	11	367	1.10	0.03	1.59	0.41	0.01	0.04	5	10	1923
Chub	S9416153	243506	1	1	5	**	1B	23	1	1	35	2	B2	**	16	8	55	0.2	12	253	1	13	43	2.85	1	78	2	2	48	3	2	23	5	8	315	1.05	0.02	1.65	0.39	0.01	0.04	5	10	1558
Chub	S9416154	243507	1	1	5	**	1B	34	1	1	35	2	B2	**	5	9	42	0.2	15	186	1	6	17	2.17	1	34	2	2	36	2	13	13	4	8	178	0.51	0.01	1.18	0.19	0.01	0.04	5	10	1583
Chub	S9416155	243508	1	1	5	**	1B	23	1	2	35	2	B2	**	8	7	52	0.2	8	153	1	10	27	2.39	1	40	2	2	33	3	6	20	6	10	264	0.72	0.01	1.29	0.36	0.01	0.04	5	10	1497
Chub	S9416156	243509	1	1	5	**	1N	23	1	2	35	2	B2	**	30	10	61	0.2	9	162	1	15	49	2.99	1	80	2	2	47	5	1	32	10	14	478	1.17	0.04	1.56	0.58	0.01	0.05	5	10	1307
Chub	S9416157	243510	1	1	5	3	1G	5	1	3	30	1	G	**	39	10	83	0.2	12	235	1	21	63	3.25	3	106	2	2	61	6	1	39	14	17	313	1.48	0.06	1.82	0.62	0.01	0.15	5	10	1520
Chub	S9416158	243511	1	1	5	3	3B	4	3	3	40	1	A	**	40	7	86	0.2	3	396	1	13	43	1.82	7	78	2	2	42	2	11	202	9	9	170	1.11	0.02	1.43	1.96	0.01	0.08	5	10	1359
Chub	S9416159	243512	1	1	5	**	1N	23	1	2	40	2	B2	**	46	5	93	0.2	4	263	1	23	57	3.69	1	97	2	2	84	3	3	42	15	16	387	1.55	0.07	1.88	0.75	0.01	0.17	5	10	1613
Chub	S9416160	243513	1	1	5	**	1N	35	1	2	45	2	B2	**	49	9	116	0.2	3	303	1	20	57	3.48	1	105	2	2	76	2	1	67	15	15	275	1.53	0.07	1.88	1.10	0.01	0.19	5	10	1615
Chub	S9416161	243514	1	1	5	3	3B	4	3	3	45	1	A	**	74	4	111	0.2	5	444	4	7	26	1.89	3	41	2	2	19	1	1	177	7	7	390	0.60	0.01	0.98	2.57	0.01	0.05	5	8	1143
Chub	S9416162	243515	1	1	5	3	3B	4	3	3	50	1	A	**	37	2	135	0.2	5	313	4	2	12	0.85	6	14	2	2	32	1	1	239	7	6	415	0.22	0.01	0.92	3.26	0.01	0.02	5	10	880
Chub	S9416163	243516	1	1	5	3	3B	34	3	2	65	2	A	**	29	9	158	0.2	2	288	1	16	50	2.45	1	95	2	2	52	3	1	102	12	14	209	1.21	0.05	1.55	1.38	0.01	0.07	5	10	1345
Chub	S9416164	243517	1	1	5	3	GN	23	1	1	30	2	B2	**	35	8	81	0.2	2	206	1	20	75	3.44	1	131	2	2	63	2	1	44	11	18	604	1.74	0.07	1.91	0.71	0.01	0.11	5	10	1264
Chub	S9416165	243518	1	1	5	**	1N	13	1	2	35	2	B2	**	18	7	98	0.4	7	247	1	18	59	3.08	2	103	2	2	57	3	1	91	9	15	1018	1.45	0.07	1.70	1.38	0.01	0.12	5	10	1142
Chub	S9416166	243519	1	1	5	**	1B	23	1	1	35	3	B2	**	5	11	69	0.2	3	152	1	12	31	2.90	1	51	2	2	52	4	1	21	6	11	374	0.83	0.01	1.39	0.39	0.01	0.06	5	10	1384
Chub	S9416167	243520	1	1	5	**	2B	23	1	1	30	3	B2	**	16	11	53	0.2	4	459	1	14	33	2.97	2	48	2	2	47	1	1	17	8	13	360	0.69	0.01	1.77	0.22	0.01	0.04	5	10	1763
Chub	S9416168	243521	1	1	5	**	1B	23	1	1	25	3	B2	**	10	7	68	0.2	6	149	1	12	27	2.45	3	41	2	2	45	1	1	17	5	9	522	0.63	0.01	1.17	0.33	0.01	0.05	5	10	1342
Chub	S9416169	243522	1	1	5	**	1G	34	1	2	35	2	B2	**	24	10	85	0.2	18	229	1	8	28	2.09	2	26	2	2	28	2	3	33	14	14	277	0.59	0.01	1.10	0.49	0.01	0.08	5	10	1683
Chub	S9416170	243523	1	1	5	**	1B	23	1	2	40	3	B2	**	15	10	73	0.2	10	284	1	7	24	1.96	1	24	2	2	30	2	1	23	8	9	272	0.50	0.01	1.10	0.37	0.01	0.05	5	10	1743
Chub	S9416171	243524	1	1	5	**	2B	34	2	2	30	3	B2	**	5	7	83	0.2	5	130	1	9	19	1.81	1	21	2	2	27	2	4	29	7	9	216	0.52	0.01	0.93	0.42	0.01	0.06	5	10	1561
Chub	S9416172	243525	1	1	5	**	1B	23	1	1	30	3	B2	**	7	11	65	0.2	12	131	1	5	18	2.37	1	23	2	2	39	1	1	11	3	8	215	0.45	0.01	1.10	0.16	0.01	0.07	5	10	1626
Chub	S9416173	243526	1	1	5	**	2B	23	2	2	30	3	B2	**	17	7	60	0.2	9	232	1	8	26	2.09	1	27	2	2	29	2	1	23	8	10	377	0.54	0.01	1.13	0.38	0.01	0.07	5	10	1653
Chub	S9416174	243527	1	1	5	**	2B	23	1	2	40	3	B2	**	12	8	49	0.2	8	311	1	6	19	1.91	4	24	2	5	31	1	2	24	7	11	249	0.47	0.01	1.08	0.41	0.01	0.07	5	10	1818
Chub	S9416175	243528	1	1	5	**	2B	23	2	2	40	3	B2	**	22	8	60	0.2	6	308	1	8	25	1.80	1	23	2	2	25	3	8	31	13	14	265	0.47	0.01	1.15	0.48	0.02	0.05	5	10	1820
Chub	S9416176	243529	1	1	5	**	2B	3	2	2	45	3	B2	**	22	10	71	0.2	8	350	1	9	26	2.18	1	28	2	2	31	3	1	45	13	14	467	0.54	0.01	1.27	0.67	0.01	0.08	5	10	1748
Chub	S9416177	243530	1	1	5	**	2B	4	1	1	40	3	B2	**	23	5	60	0.2	8	353	1	6	21	1.42	1	20	2	2	23	1	1	47	8	9	274	0.42	0.01	0.92	0.82	0.03	0.05	5	10	1825
Chub	S9416178	243531	1	1	5	**	2B	24	1	1	35	3	B2	**	9	8	74	0.2	11	198	1	8	19	1.83	1	22	2	2	29	1	1	30	7	9	249	0.48	0.01	0.93	0.50	0.01	0.06	5	10	1643
Chub	S9416179	243532	1	1	4	**	2N	24	1	2	40	3	B2	**	47	7	124	0.2	1	506	1	29	125	5.04	3	224	2	5	148	3	1	91	5	23	1026	3.51	0.18	3.22	1.63	0.01	0.56	5	10	1194
Chub	S9416180	243533	1	1	4	**	2B	23	1	**	40	3	B1	**	20	20	97	0.2	11	145	1	16	19	3.12	1	23	2	2	55	4	1	40	3	8	815	0.80	0.01	1.39	0.62	0.01	0.06	5	10	1254
Chub	S9416181	243534	1	1	2	**	2N	24	2	2	50	3	B2	**	89	13	55	0.2	1	341	1	9	25	1.76	3	32	2	2	28	1	1	78	29	33	410	0.62	0.01	1.09	1.34	0.01	0.06	5	10	1625
Chub	S9416182	243535	1	1	5	**	NK	4	2	2	70	3	B2	**	259	30	76	0.7	11	303	1	11	47	2.46	2	40	2	2	69	1	1	91	51	23	424	0.69	0.01	1.28	1.70	0.01	0.03	5	10	1745
Chub	S9416183	243536	1	1	5	**	2B	23	2	2	40	3	B2	**	48	11	56	0.4	6	99	1	10	37	2.44	1	46	2	2	33	1	1	30	11	12	327	0.78	0.01	1.17	0.48	0.01	0.04	5	10	1456
Chub	S9416184	243537	1	1	4	**	RB	23	2	2	45	3	B2	**	51	10	39	0.4	14	149	1	30	52	5.37	1	105	2	2	60	4	1	44	18	12	1507	0.81	0.01	2.08	0.94	0.01	0.05	5	10	1109
Chub	S9416185	243538	1	1	4	**	2B	24	1	2	50	3	B2	**	156	15	45	0.4	5	248	1	67	71	6.59	8	92	2	2	35	4	1	65	66	52	4724	0.95	0.01	1.56	1.83	0.01	0.02	5	10	1764
Chub	S9416186	243539	1	1	4	**	2B	23	3	2	45	3	B2	**	24	4	27	0.2	9	156	1	10	20	3.31	2	25	2	2	19	3	1	76	15	17	1554	0.46	0.01	1.00	2.06	0.01	0.01	5	10	1403

Property	LabNo	FieldNo	S	M	O	S	Col	Sz	O	W	Dph	W/S	F/W	P	Cu	Pb	Zn	Ag	As	Ba(icp)	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	Au	Wt	Ba(xrf)
Ink	S9417102	244401	1	1	4	2	2B	23	1	2	30	2	B1	**	51	19	86	0.2	26	80	1	22	48	4.78	4	56	2	2	45	1	1	16	17	44	889	1.04	0.01	2.33	0.26	0.01	0.04	5	10	1612
Ink	S9417103	244402	1	1	4	2	2B	23	1	1	30	2	B2	**	13	11	50	0.2	7	30	1	11	21	2.97	3	27	5	2	45	1	1	4	4	15	526	0.46	0.01	1.05	0.05	0.01	0.01	5	10	1466
Ink	S9417104	244403	1	1	4	2	2B	23	1	1	25	2	B2	**	17	16	69	0.2	59	28	1	11	27	3.36	5	28	2	2	26	2	1	7	4	17	420	0.61	0.01	1.50	0.10	0.01	0.02	5	10	1063
Ink	S9417105	244404	1	1	4	2	2B	34	1	1	30	2	B2	**	23	9	73	0.2	17	41	1	11	36	4.01	1	57	2	2	41	3	1	12	8	17	316	1.15	0.01	2.27	0.25	0.01	0.02	5	10	1666
Ink	S9417106	244405	1	1	4	2	2B	23	1	1	30	2	B2	**	35	8	85	0.2	22	120	1	15	46	5.10	5	59	2	2	44	5	1	9	11	26	555	1.19	0.01	2.69	0.17	0.01	0.02	5	10	2008
Ink	S9417107	244406	1	1	4	2	2B	23	1	1	40	2	B2	**	34	7	84	0.2	3	60	1	13	43	4.38	1	52	2	2	34	1	1	12	9	24	479	0.99	0.01	1.98	0.20	0.01	0.02	5	10	1595
Ink	S9417108	244407	1	1	4	2	2B	23	1	1	40	2	B2	**	22	5	70	0.2	1	121	1	12	36	3.37	2	47	2	2	31	3	1	40	8	18	527	0.76	0.01	1.84	0.93	0.01	0.01	5	10	1597
Ink	S9417109	244408	1	1	1	4	1B	24	1	1	30	2	B1	**	39	9	83	0.2	24	77	1	25	61	4.93	2	59	2	2	40	1	1	40	14	16	764	0.79	0.01	1.43	1.03	0.01	0.04	5	10	1627
Ink	S9417110	244409	1	1	4	2	2B	23	1	1	30	2	B2	**	33	5	74	0.2	16	87	1	13	45	4.06	1	57	2	2	35	2	1	15	13	24	498	0.88	0.01	2.00	0.30	0.01	0.02	5	10	1698
Ink	S9417111	244410	1	1	4	2	2B	23	1	1	35	2	B2	**	42	11	94	0.2	5	77	1	26	72	5.75	2	89	2	2	52	2	1	20	18	28	634	1.16	0.01	2.39	0.56	0.01	0.02	5	10	1712
Ink	S9417112	244411	1	1	4	**	3B	34	1	2	30	2	B1	**	34	11	67	0.2	12	80	1	14	35	3.54	4	33	2	2	22	3	1	64	19	14	1320	0.46	0.01	0.90	2.75	0.01	0.01	5	10	666
Ink	S9417113	244412	1	1	4	**	3B	34	1	1	40	2	B2	**	20	2	52	0.2	1	60	1	7	22	1.80	1	18	2	2	11	1	1	52	7	9	666	0.38	0.01	0.60	2.70	0.01	0.01	5	10	515
Ink	S9417114	244413	1	1	4	2	2B	23	1	1	30	2	B2	**	31	11	72	0.2	5	58	1	20	51	4.37	1	84	7	2	42	1	1	10	7	14	1037	0.93	0.01	1.78	0.25	0.01	0.02	5	10	1569
Ink	S9417115	244414	1	1	4	**	3G	35	1	1	40	2	B1	**	25	12	83	0.2	5	89	1	18	46	4.24	3	57	2	2	43	3	1	9	8	20	599	1.04	0.01	2.17	0.26	0.01	0.03	5	10	1995
Ink	S9417116	244415	1	1	4	2	3B	35	1	1	30	2	B2	**	45	11	71	0.2	5	142	1	21	49	4.38	5	42	2	2	33	1	1	29	16	22	1893	0.69	0.01	1.63	1.18	0.01	0.02	5	10	1701
Ink	S9417117	244416	2	2	1	1	2G	24	1	3	15	2	2	**	53	32	129	0.5	142	121	1	20	132	3.55	2	55	2	2	21	3	1	30	12	11	726	1.10	0.01	0.59	0.60	0.01	0.04	5	10	3098
Ink	S9417118	244417	1	1	1	2	2B	35	1	2	35	2	B1	**	31	22	83	0.2	3	92	1	17	42	3.78	4	55	2	2	45	6	1	13	16	34	532	1.17	0.01	2.20	0.32	0.01	0.03	5	10	2235
Ink	S9417119	244418	1	1	4	2	2B	23	1	2	30	2	B2	**	42	20	96	0.2	1	127	1	19	60	4.89	4	69	2	2	49	6	1	14	27	56	889	1.37	0.01	2.45	0.30	0.01	0.04	5	10	2650
Ink	S9417120	244419	1	1	4	**	3B	34	1	2	35	2	B2	**	43	16	89	0.2	1	68	1	19	53	4.67	4	51	2	2	39	7	1	22	23	41	710	1.05	0.01	1.98	0.72	0.01	0.02	5	10	2455
Ink	S9417121	244420	1	1	4	**	3B	34	1	2	40	2	B2	**	56	4	85	0.2	1	87	1	27	69	5.57	5	68	2	2	46	2	1	35	20	29	971	0.91	0.01	1.78	1.14	0.01	0.02	5	10	1579
Ink	S9417122	244421	**	1	4	**	2B	34	1	2	35	2	B2	**	66	11	88	0.2	12	109	1	36	102	6.56	3	125	5	2	65	4	1	33	22	29	1292	1.31	0.01	2.23	1.12	0.01	0.02	5	10	1528
Ink	S9417123	244422	**	1	4	**	2B	23	1	1	30	2	B2	**	64	16	103	0.2	1	59	1	26	78	6.05	4	82	2	2	54	2	1	28	27	37	871	1.07	0.01	2.21	0.83	0.01	0.02	5	10	1655
Ink	S9417124	244423	**	1	4	**	2B	35	1	1	40	3	B1	**	77	10	103	0.2	1	84	1	30	92	6.20	2	96	2	2	55	7	1	24	22	26	983	1.06	0.01	2.17	0.64	0.01	0.02	5	10	2046
Ink	S9417125	244424	**	1	4	**	2G	45	1	2	30	3	B1	**	41	23	100	0.2	3	95	1	20	52	4.61	3	56	2	2	44	2	1	22	18	26	778	0.96	0.01	2.36	0.49	0.01	0.03	5	10	2143
Ink	S9417126	244425	**	1	4	**	3B	45	1	1	40	3	B2	**	34	20	101	0.2	1	98	1	29	46	5.42	4	50	2	2	49	4	1	29	19	29	2180	0.98	0.01	2.13	0.94	0.01	0.02	5	10	1931
Ink	S9417127	244426	**	1	4	**	G	35	1	1	30	3	B1	**	40	26	117	0.2	6	81	1	22	50	5.19	1	49	2	2	42	1	1	9	19	39	550	1.15	0.01	2.45	0.20	0.01	0.03	5	10	2730
Ink	S9417128	244427	**	1	4	**	2B	23	1	1	25	3	B2	**	51	16	106	0.2	6	75	1	30	67	6.35	4	65	2	2	54	2	1	21	22	28	1445	1.16	0.01	2.39	0.65	0.01	0.02	5	10	2063
Ink	S9417129	244428	**	1	4	**	2G	34	1	1	25	3	B1	**	24	2	37	0.2	1	58	1	8	23	2.34	1	24	2	2	21	1	1	24	9	15	477	0.40	0.01	1.02	0.58	0.03	0.01	5	10	1322
Ink	S9417130	244429	**	1	4	**	3B	23	1	2	25	3	B2	**	54	14	112	0.2	1	96	1	26	65	7.27	7	61	2	2	58	7	1	27	30	45	1435	1.17	0.01	2.51	0.60	0.01	0.02	5	10	1912
Ink	S9417131	244430	**	1	4	**	2B	25	1	2	25	3	B2	**	39	8	99	0.2	11	77	1	27	65	6.23	1	73	2	2	71	6	1	36	17	19	1136	1.63	0.01	2.94	1.56	0.01	0.04	5	10	1827
Ink	S9417132	244431	**	1	4	**	2B	23	1	2	30	3	B2	**	34	18	95	0.2	2	57	1	19	47	4.68	3	46	5	2	41	1	1	13	26	48	774	1.13	0.01	2.34	0.35	0.01	0.02	5	10	2449
Ink	S9417133	244432	**	1	4	**	2B	35	1	2	25	3	B2	**	42	18	99	0.2	13	89	1	20	53	5.09	4	54	2	2	44	2	1	11	29	54	846	1.17	0.01	2.54	0.28	0.01	0.02	5	10	2777
Ink	S9417134	244433	**	1	4	**	2B	23	1	2	30	3	B2	**	44	20	101	0.2	4	83	1	19	49	4.93	4	46	2	2	45	6	1	15	27	53	875	1.14	0.01	2.53	0.36	0.01	0.04	5	10	2635
Ink	S9417135	244434	**	1	4	**	2B	23	1	1	25	3	B2	**	62	15	104	0.2	3	89	1	29	78	7.07	5	71	5	2	56	1	1	16	29	46	1538	1.10	0.01	2.48	0.42	0.01	0.02	5	10	2189
Ink	S9417136	244435	**	1	4	**	2B	25	1	2	30	4	B2	**	73	13	109	0.2	13	77	1	33	95	7.50	2	88	2	2	62	5	1	21	25	36	1688	1.22	0.01	2.55	0.61	0.01	0.02	5	10	1905
Ink	S9417137	244436	**	1	4	**	2B	23	1	2	30	3	B2	**	63	10	93	0.2	1	58	1	28	96	6.37	3	89	2	2	48	4	1	15	20	30	1316	0.94	0.01	2.00	0.44	0.01	0.02	5	10	2044
Ink	S9417138	244437	**	1	4	**	2G	25	1	2	30	3	B2	**	43	23	127	0.4	9	109	1	21	57	5.55	2	58	5	2	52	6	1	15	26	47	891	1.21	0.01	2.71	0.40	0.01	0.04	5	10	2805
Ink	S9417139	244438	**	1	3	**	2B	23	1	1	25	3	B2	**	40	22	118	0.2	12	78	1	22	60	5.23	3	55	2	2	46	3	1	14	20	36	1167	1.12	0.01	2.34	0.36	0.01	0.04	5	10	2562
Ink	S9417140	244439	**	1	3	**	2B	23	1	1	25	3	B2	**	50	23	121	0.2	3	66	1	23	71	5.29	3	59	2	2	44	5	1	17	23	36	1076	1.12	0.01	2.26	0.40	0.01	0.03	5	10	2472
Ink	S9417141	244440	**	1	3	**	2B	23	1	1	25	3	B2	**	77	18	114	0.4	8	72	1	28	87	6.78	1	71	2	2	46	3	1	21	30	40	1285	1.00	0.01	2.15	0.72	0.01	0.04	5	10	2349
Ink	S9417142	244441	**	1	3	**	2B	23	1	2	25	3	B1	**	51	11	101	0.2	3	84	1	34	73	6.46	1	61	2	2	61	6	1	24	23	33	2025	1.38	0.01	2.54	0.68	0.01	0.03	5	10	1849

Property	LabNo	FieldNo	S	M	O	S	Col	Sz	O	W	Dph	W/S	F/W	P	Cu	Pb	Zn	Ag	As	Ba(icp)	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	Au	Wt	Ba(xrf)
Nik	S9416228	243581	1	1	4	**	2B	23	2	2	20	3	B2	**	25	11	63	0.2	12	105	1	12	30	2.60	2	25	2	2	34	2	1	23	7	18	400	0.87	0.01	1.57	0.26	0.01	0.07	5	10	1514
Nik	S9416229	243582	1	1	4	**	2B	23	2	2	35	3	B2	**	20	8	60	0.2	8	171	1	10	28	2.39	2	25	2	2	32	1	1	21	12	26	369	1.05	0.03	1.81	0.40	0.02	0.15	5	10	1812
Nik	S9416230	243583	1	1	4	**	2B	23	2	2	25	3	B2	**	25	7	61	0.2	7	117	1	12	28	3.00	2	30	2	2	37	4	1	13	11	33	404	1.12	0.03	2.15	0.21	0.01	0.14	5	10	1364
Nik	S9416231	243584	1	1	4	**	2B	23	2	2	40	3	B2	**	30	14	70	0.2	22	182	1	13	29	2.93	4	27	2	2	38	4	1	21	10	27	553	0.92	0.01	1.75	0.29	0.01	0.07	5	10	1894
Nik	S9416232	243585	1	1	4	**	1B	23	2	2	30	3	B2	**	18	10	65	0.2	20	64	1	8	24	2.70	2	30	2	2	27	3	1	13	6	16	298	0.80	0.01	1.50	0.22	0.01	0.04	5	10	1564
Nik	S9416233	243586	1	1	2	**	1B	23	2	2	25	3	B2	**	21	11	64	0.2	27	93	1	9	24	2.68	1	31	2	2	33	1	1	8	7	25	358	0.66	0.01	1.52	0.12	0.01	0.05	5	10	1322
Nik	S9416234	243587	1	1	2	**	1B	23	1	2	20	3	B2	**	26	7	55	0.2	15	65	1	10	23	1.97	2	19	2	2	22	4	1	14	9	21	295	0.49	0.01	1.07	0.25	0.01	0.03	5	10	1329
Nik	S9416235	243588	1	1	2	**	2G	23	2	2	30	3	B2	**	53	13	82	0.5	14	89	1	9	25	2.49	7	21	2	2	32	4	1	27	8	17	344	0.50	0.01	1.16	0.19	0.01	0.05	5	10	1794
Nik	S9416236	243589	1	1	2	**	1B	23	2	2	30	2	B2	**	29	9	88	0.2	11	93	1	8	25	2.29	3	27	2	2	32	3	1	10	9	14	305	0.53	0.01	1.31	0.13	0.01	0.06	5	10	1351
Nik	S9416237	243590	1	1	2	**	1B	23	2	2	35	2	B2	**	35	9	79	0.2	8	108	1	10	18	3.28	3	32	2	2	51	1	1	6	7	10	350	0.57	0.03	1.80	0.06	0.01	0.20	5	10	1036
Nik	S9416238	243591	1	1	2	**	2B	23	2	2	35	2	B2	**	26	9	54	0.2	1	100	1	5	15	1.97	1	22	2	2	39	1	1	10	7	13	146	0.40	0.01	1.10	0.09	0.01	0.12	5	10	1305
Nik	S9416239	243592	1	1	4	**	2B	23	2	2	40	2	B2	**	24	14	54	0.2	29	80	1	8	23	2.57	4	31	2	2	34	4	1	6	8	21	266	0.53	0.01	1.68	0.08	0.01	0.06	5	10	1163
Nik	S9416240	243593	1	1	4	**	2B	23	1	2	40	2	B2	**	44	30	91	2.6	532	94	1	12	28	3.14	2	37	2	2	37	2	1	6	7	17	507	0.63	0.01	1.75	0.05	0.01	0.08	5	10	1242
Nik	S9416241	243594	1	1	4	**	2B	23	3	2	30	2	B2	**	36	11	90	0.2	12	89	1	7	24	2.54	4	26	2	2	53	5	1	20	7	16	267	0.56	0.01	1.26	0.16	0.01	0.06	5	10	1843
Nik	S9416242	243595	1	1	2	**	1B	23	1	2	30	3	B2	**	27	10	67	0.2	14	93	1	13	30	2.77	2	37	2	2	34	5	1	9	9	19	535	0.75	0.01	1.80	0.16	0.01	0.06	5	10	1387
Nik	S9416243	243596	1	1	2	**	2B	23	2	2	30	3	B2	**	24	12	71	0.2	17	102	1	10	25	2.56	2	26	2	2	32	1	1	14	8	16	415	0.61	0.01	1.48	0.28	0.01	0.05	5	10	1578
Nik	S9416244	243597	1	1	2	**	2B	23	1	2	30	3	B2	**	22	9	63	0.2	12	120	1	7	28	2.42	2	26	2	2	28	3	1	13	16	35	253	0.81	0.01	1.59	0.28	0.01	0.08	5	10	1643
Nik	S9416245	243598	1	1	2	**	2B	23	1	1	30	3	B2	**	22	8	62	0.2	9	136	1	18	33	2.70	5	18	2	2	28	5	1	20	13	43	681	1.23	0.02	1.73	0.36	0.01	0.20	5	10	1522
Nik	S9416246	243599	1	1	2	**	2B	23	1	2	40	3	B2	**	24	10	69	0.2	23	149	1	12	22	3.34	2	25	2	2	53	2	1	46	19	30	462	1.03	0.01	1.88	0.48	0.01	0.08	5	10	1307
Nik	S9416247	243600	1	1	2	**	2B	23	1	2	40	3	B2	**	21	8	71	0.2	19	127	1	12	19	3.00	2	15	2	2	51	1	1	70	19	26	444	1.00	0.01	1.64	0.75	0.01	0.06	5	10	1556
Nik	S9416248	243601	1	1	2	**	1B	23	2	2	35	3	B2	**	21	7	71	0.2	12	151	1	12	21	3.39	2	27	2	2	54	3	1	37	14	23	525	1.08	0.02	1.93	0.56	0.01	0.06	5	10	1368
Nik	S9416249	243602	1	1	2	**	2B	23	2	2	35	3	B2	**	24	6	76	0.2	11	162	1	13	24	3.31	2	25	2	2	58	6	1	30	12	16	458	1.05	0.02	1.95	0.53	0.01	0.06	5	10	1320
Nik	S9416250	243603	1	1	2	**	3B	23	2	2	50	3	B2	**	19	9	45	0.5	14	276	1	16	15	2.55	3	19	2	2	50	1	1	58	10	14	2259	0.55	0.01	1.55	1.61	0.01	0.04	5	10	1154
Nik	S9416251	243604	1	1	2	**	1B	23	2	2	45	3	B2	**	16	11	70	0.2	4	195	1	13	23	3.59	2	34	2	2	49	5	1	23	7	10	639	0.92	0.01	1.97	0.54	0.01	0.06	5	10	1410
Nik	S9416252	243605	1	1	2	**	3B	23	3	2	50	3	B1	**	11	7	44	0.2	8	242	1	11	11	2.34	1	24	2	2	44	1	1	26	6	14	1203	0.46	0.01	1.36	0.47	0.01	0.04	5	10	1376
Nik	S9416253	243606	1	1	2	**	1B	23	2	2	50	2	B2	**	25	11	59	0.6	43	149	1	10	36	2.87	4	64	2	2	40	2	1	36	28	34	357	0.95	0.01	2.05	0.65	0.01	0.03	5	10	1172
Nik	S9416254	243607	1	1	2	**	2B	23	1	2	40	2	B2	**	14	11	66	0.2	31	156	1	9	21	2.97	2	34	2	2	41	4	1	43	5	11	379	0.81	0.01	1.78	0.65	0.01	0.05	5	10	1300
Nik	S9416255	243608	1	2	**	4	1B	23	3	2	1	5	1	**	81	14	195	1.2	37	138	2	12	54	2.83	17	30	2	2	21	2	1	25	108	239	435	0.52	0.01	1.57	0.48	0.01	0.07	5	10	-1
Nik	S9416256	243609	1	1	2	**	1B	23	2	2	30	2	B2	**	33	7	158	0.2	26	106	1	15	41	4.74	3	44	2	2	67	7	1	14	13	40	460	1.67	0.01	2.79	0.19	0.01	0.09	5	10	1379
Nik	S9416257	243610	1	1	2	**	1B	23	1	2	30	2	B2	**	25	8	86	0.2	8	115	1	16	30	3.40	3	39	2	2	40	5	1	8	7	14	545	0.77	0.01	1.83	0.13	0.01	0.06	5	10	1371
Nik	S9416258	243611	1	1	2	**	1B	23	1	2	35	2	B2	**	33	14	81	0.2	11	120	1	18	32	3.00	1	37	2	2	36	3	1	7	10	17	898	0.74	0.01	1.79	0.14	0.01	0.09	5	10	1359
Nik	S9416259	243612	1	1	2	**	2B	23	2	2	35	2	B2	**	32	37	93	0.4	10	93	1	16	32	2.84	2	40	2	2	37	3	1	9	7	13	707	0.71	0.01	1.87	0.14	0.01	0.09	5	10	1277
Nik	S9416260	243613	1	1	2	**	1B	23	2	2	25	3	B2	**	24	18	49	0.4	22	85	1	10	22	2.43	1	30	2	2	33	3	1	8	7	13	402	0.53	0.01	1.60	0.11	0.01	0.06	5	10	1179

APPENDIX 3

STATEMENTS OF EXPENDITURES

CHUB PROPERTY

STAFF COSTS	700
DOMICILE	218
GEOCHEMISTRY	765
HELICOPTER	936
COMMUNICATIONS	30
TRUCK RENTAL	64
FREIGHT	198
EXPEDITING	40
DRAFTING	192
TOTAL	**3,143**

INK PROPERTY

STAFF COSTS	839
DOMICILE	327
GEOCHEMISTRY	697
HELICOPTER	720
COMMUNICATIONS	29
TRUCK RENTAL	60
FREIGHT	186
EXPEDITING	38
DRAFTING	180
TOTAL	**3,076**

NIK PROPERTY

STAFF COSTS	450
DOMICILE	109
GEOCHEMISTRY	561
HELICOPTER	720
COMMUNICATIONS	23
TRUCK RENTAL	48
FREIGHT	149
EXPEDITING	30
DRAFTING	144
TOTAL	2,234

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

NTS 105 G/11, 6

1994 ASSESSMENT REPORT

CHUB, INK AND NIK PROPERTIES

SOIL GEOCHEMISTRY AND GEOLOGICAL MAPPING

WATSON LAKE M.D., YUKON

PELLY MOUNTAINS AREA

CHUB - LAT: 61°31'
INK - LAT: 61°31'
NIK - LAT: 61°32'

CHUB - LONG:131°16'
INK - LONG: 131°08'
NIK - LONG: 131°03'

WORK PERIOD

JULY 24 AND 26, 1994

APRIL, 1995

PAUL A. MacROBBIE

STATEMENT OF QUALIFICATIONS

I, Paul A. MacRobbie, of 11164 Southridge Rd., Delta, B.C. hereby declare that I:

1. Graduated from Carleton University, Ottawa, Ontario with a B.Sc. in Geology in May, 1986 and a M.Sc. in Geology in June, 1988.

2. Have been actively engaged in mineral exploration in Western Canada as a permanent geologist with Cominco Ltd. since June, 1988.

3. Am a registered member of The Association of Professional Engineers and Geoscientists of the Province of British Columbia.

Date: April 10, 1995

P.A MacROBBIE, P.Geo.
GEOLOGIST

PROFESSIONAL ENGINEERS AND GEOSCIENTISTS PROVINCE OF BRITISH COLUMBIA P. A. MacROBBIE

MAP NO:105G 8,11

ASSESSMENT REPORT: X

PROSPECTUS:

CONFIDENTIAL: X

OPEN FILE:

DOCUMENT NO: 093327

MINING DISTRICT: Watson Lake

TYPE OF WORK:Geochemistry, mapping

REPORT FILED UNDER: Cominco Ltd.

DATE PERFORMED:July 24,26, 1994

DATE FILED:June 23, 1995

LATITUDE:61 31

AREA:Pelly Mountains

LONGITUDE:131 16

VALUE:$8200

CLAIM NAME AND #:Chub 1-18, Nik 1-6,8-12, Ink1-6 etc.

WORK DONE BY:Paul MacRobbie

WORK DONE FOR:Comincow Ltd.

DATE TO GOOD STANDING	

REMARKS:No felsic metavolcanics, base metals or soil anomalies of interest were identified.

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

NTS 105 G/11, 6

093327

1994 ASSESSMENT REPORT

CHUB, INK AND NIK PROPERTIES

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APRIL, 1995

PAUL A. MacROBBIE

CHUB CLAIMS
1-18

INK CLAIMS
1-38

NIK CLAIMS
1-12

21 YB49451	23 YB49453	25 YB49455	27 YB49457	29 YB49459	31 YB49461
22 YB49452	24 YB49454	26 YB49456	28 YB49458	30 YB49460	32 YB49462

1994 PELLY MTN. RECCE

Chub, Ink, Nik & Tin Properties

CLAIMS 093327

WATSON LAKE, M.D., YUKON

Scale: 1:10,000 Date: SEPTEMBER 1994 Plate: FIG. 7

CHUB CLAIMS
1-18

NIK CLAIMS
1-12

INK CLAIMS
1-38

TIN CLAIMS

SYMBOLS

FROM REGIONAL MAPPING
- conformable (?) contact
- intrusive contact
- fault

FROM DETAILED MAPPING
- conformable (?) contact
- intrusive contact
- fault
- outcrop
- small outcrop
- talus / subcrop
- float
- 40 — feldspar altered zone / gossan
- S_0 dip
- S_2 foliation
- S_3 foliation
- lineation with plunge
- joint surface
- Cominco rock sample
- Cominco stream silt sample
- Cominco soil sample
- Cominco lithogeochem. sample
- Cominco heavy mineral sample
- R.G.S. stream silt sample
- (32) Mirdle showing
- trench
- D.D.H. collar
- Cominco 1994 geophysical grid

GEOLOGY

FINLAYSON LAKE FAULT ZONE
- 2a Cretaceous and / or Tertiary volcanics
- 2b Early Mesozoic sediments
- 2c Massive carbonate
- 2d Undifferentiated metamorphic rocks
- 2e Sheared mafic to ultramafic plutonic rocks
- 2f Sheared greenstones and chert
- 2g Two mica quartz monzonite

YUKON - TANANA TERRANE
- 3a Cretaceous and / or Tertiary volcanics
- 3b Early Mesozoic sediments
- 3c Sheared mafic to ultramafic rocks
- 3d Sheared greenstone
- 3e Massive carbonate
- 3f Mainly mafic metavolcanics and associated sediments
- 3g Felsic metavolcanics
- 3h Foliated K-feldspar porphyry
- 3i Lower unit micaceous quartzite and marble
- 3j Two-mica quartz monzonite
- 3k Mafic stocks
- 3l Augen orthogneiss
- 3m Monzonitic orthogneiss
- 3n Simpson Range Plutonic Suite

(after Mortensen, 1982)

0 500 1000 metres

093327

1994 PELLY MTN. RECCE

N.T.S. 105 G/11,6

Chub, Ink, Nik & Tin Properties

GEOLOGY & GEOCHEMISTRY

WATSON LAKE M.D., YUKON

Scale: 1:5,000 Date: SEPTEMBER 1994 Fig. 3

Drawn by: P.A.M. Traced by:

Revised by: Date: Revised by: Date:

DWG (2)