

YEIP
96-032
1996

IM

**Summary Report of a Prospective Reconnaissance
of parts of the NTS 115H & G map sheets
in an area west of Aishihik Lake**

**Prepared for Wade Carrell in
partial fulfillment of the YMIP
requirements for grant 96-032
by Steve Traynor, Geologist.**

Project Location and Access

The area of interest lies west of Aishihik Lake and follows the regional trend in a west and northwest direction. Parts of the 115H-5, 6 & 12 and 115G-9 claim map sheets were investigated during the 1996 field season.

Access was by road and boat or by float plane. From the Alaska Highway via the Aishihik Lake road, access to the central part of the area is possible by boat on Sekulmun Lake.

Tote roads shown of the 115H-6 claim sheet and other maps were not apparent during ground reconnaissance and this necessitated the use of fixed wing aircraft on floats to access other parts of the area. The eastern parts of the area were accessible from Houghton(Willow) Lake, while access to western parts was from a couple of unnamed lakes to the west of Sekulmun Lake.

Previous Work and Exploration Activity

Previous work in the area includes geological mapping by Tempelman-Kluit(1974), Muller(1966), Johnston and Timmerman(1994) and a regional compilation by Gabrielse et al 1980). Studies of the surficial geology and glacial features of the area include those by Hughes(1968 and 1990) and others. Geochemical results of regional stream sediment surveys by the GSC(1985-1989) are reported in Open Files 1219 and 1362.

Exploration activity in the area during the early 1970's and mid 1980's in the eastern and central parts of the area appears to have been concentrated on skarn mineralization associated with marble rich horizons, while activities in the western regions of the area

were focused on porphyry style mineralization associated with various intrusives in that area.

A number of Minfile references to brecciated schist(115H 045), argillic zones (115H 026),chalchopyrite and pyrrhotite in schists(115G 076) and conclusions by Johnston and Timmerman(1993) that metamorphic strata of the area are prospective for massive sulfides, suggest that the VMS potential of the area may have been previously overlooked.

Regional and General Geology

The area is underlain by Paleozoic and older metamorphic rocks of the Aishihik Metamorphic Suite(AMS) which form a north-northwest trending panel of rocks that dip generally to the east. The area is bounded to the southwest by the Ruby Range Batholith and is intruded in the western portion by north trending feldspar porphyry dikes the may have emanated from Ruby Range intrusions.

In the eastern region of the area the lower, predominately marble rich package of the AMS outcrops extensively in the area of Houghton Lake. Proceeding in a north-northwest direction across the area into the central region around Sekulmun Lake quartzites and schists become more abundant in what is inferred to be the upper package of rocks making up the AMS. In the most western parts of the area a volcano-sedimentay sequence of pyritic shales and rhyolites was found south of Dwarf Birch Creek

Description and Summary of Work

A two day trip in late May to check access and road conditions was followed up by

16 days worth of work in late July and early August. Detailed prospecting and the collection of 17 rock and 11 stream sediment samples was carried out at the locations indicated on the enclosed field maps.

Areas were identified as prospective by research of regional stream sediment results from the GSC survey, regional aeromagnetic data and favourable geology. Ground and aerial reconnaissance identified a number of interesting gossans which were investigated and sampled. Where possible rock samples of mineralized material were collected or alternately if the area were to deeply drift covered, reconnaissance stream sediment sampling was carried out.

The work was carried out by boat on Sekulmun Lake and by three fly in camps on Houghton Lake, an unnamed lake NW of Albert Creek and an unnamed lake south of Dwarf Birch Creek.

The main focus of the exploration work was concentrated on the massive sulfide potential of the belt of rocks, although some time was spent investigating an area of skarn mineralization at the NE of Sekulmun Lake.

Analysis and Results

A total of 10 whole rock and 7 stream sediment samples were submitted for a standard 34 element analysis and in some cases gold. The stream sediments were dried and sieve to -80 and the rock samples were crushed/split and pulverized. Geochemical analysis for gold was carried out by a 30g fire assay and atomic absorption, while analysis of the other 34 element was by ICP-Atomic Emission Spectroscopy preceded by aqua regia digestion.

Samples obtained west along the regional trend of the area from Houghton Lake

(96R220), the east side of Sekulmun(96R216, 96S104-107), the unnamed lake NW of Albert Creek(96R223) and the unnamed lake S of Dwarf Birch Creek(96R201) all gave values that were anomalous in a number of elements including Cu, Zn, Ag, Mn, Co and notably in the case of 96R216 in Ba. These rocks were predominately schists often with a slaty component, particularly in the case of sample 96R223. Visible sulfide mineralization was often staminal and appeared to consist mainly of pyrite, with some minor pyrrhotite and chalcopyrite. Sample 96R216, which contained an abundant amount of graphite, was obtained from a discrete layer in the stratigraphy and may possibly represent a barite marker horizon. This rock type was also noted in float immediately west of this sample location across Sekulmun Lake.

Aerial reconnaissance of the area between the two unnamed lakes used as dropoff points in the western part of the region showed an extensive highly gossanous zone in the area of the headwaters of Tyrrell Creek that is coincident with anomalous polymetallic stream sediment results from the GSC regional survey. This area was not investigated in the course of this reconnaissance program.

A sample from the area at the NE end of Sekulmun Lake(96R219), explored extensively in the 1970's, returned results that were highly anomalous in Zn and Sn.

Conclusions and Recommendations

The presence of anomalous amounts Cu, Zn, Ag, Co, Mn and Ba across the area of the reconnaissance program, the presence of a possible marker horizon and stratigraphic correlation with other metamorphic rocks known to be prospective for massive sulphides elsewhere in the Yukon and southern Alaska(Johnstone and Timmerman, 1993)

suggest a high possibility that this area may represent a potential new region for massive sulfide exploration.

Further reconnaissance and exploration is indicated and in fact recommended in light of the results of this prospective reconnaissance. Followup of these preliminary results should include detailed stream sediment geochemistry in the area around the unnamed lake NW of Albert Creek and on both the east and west sides of Sekulmun Lake in the area where sample 96R216 was obtained. Attempts should also be made to trace the possible marker horizon also identified in this area. The high copper value obtained from sample 96R220, taken near Houghton Lake should also be followed up.

More detailed prospecting in western parts of the area should also be carried out, particularly of the gossanous zone identified in the area of the headwaters of Tyrrell Creek. Access to this area would be possible via float plane, using the north trending lake drained by Tyrrell Creek as a drop off point.

GEOCHEMICAL REPORTS



Bondar Clegg Inchcape Testing Services

G chemical
Lab
Report

CLIENT: TANAMA EXPLORATION
REPORT: V96-01333.0 (COMPLETE)

PROJECT: NONE GIVEN
DATE PRINTED: 4-SEP-96 PAGE 1

SAMPLE NUMBER	ELEMENT	Al	Si	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr
	UNITS	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM
96S104		15	0.7	189	26	151	1	56	9	1.0	<5	76	<5	2.02	224	<10	113	26	46	<20	<20	11	1.19	0.60	1.55	0.03	0.12	53	10	3	15	3	<5	<10	0.06	4	
96S105		8	0.5	57	38	137	1	43	13	0.5	<5	94	<5	3.31	266	<10	115	54	74	<20	<20	17	2.49	1.21	0.36	0.02	0.14	28	6	6	27	3	<5	<10	0.14	2	
96S106		7	0.6	60	18	184	<1	26	7	1.8	<5	48	<5	1.73	322	<10	194	26	43	<20	<20	11	1.30	0.78	1.51	0.03	0.19	61	7	4	14	2	<5	<10	0.07	2	
96S107		<5	0.3	72	20	146	<1	28	8	0.7	<5	38	<5	1.88	397	<10	239	29	50	<20	<20	14	1.40	0.93	1.03	0.05	0.14	50	12	4	15	2	<5	<10	0.09	2	
[REDACTED]																																					
96R216		8	0.6	47	20	494	17	38	6	1.7	<5	23	<5	3.30	567	<10	>2000	110	87	<20	<20	20	2.18	1.69	0.33	0.03	0.39	96	9	7	22	<1	7	<10	<.01	5	
96R218		<5	0.8	44	35	73	<1	18	6	0.5	<5	54	<5	1.16	267	<10	46	43	36	<20	<20	29	4.20	0.71	6.68	0.25	0.35	351	8	13	21	<1	<5	<10	0.15	2	
96R219		<5	2.9	141	77	6341	<1	8	8	47.7	17	145	<5	>10.00	4652	23	13	<1	45	628	<20	100	0.28	2.30	7.09	<.01	<.01	16	1	26	<1	<1	<5	<10	0.03	7	



Inchcape Testing Services

Bondar Clegg

Geohemical Lab Report

CLIENT: TANANA EXPLORATION
REPORT: V96-01817.0 (COMPLETE)

PROJECT: NONE GIVEN
DATE PRINTED: 18-NOV-96

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU30	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr
		PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM
96ST201		<.2	21	14	75	<1	27	13	0.3	<5	28	<5		3.03	368	<10	98	33	66	<20	<20	21	1.62	0.80	0.56	0.03	0.24	30	9	5	22	7	<5	<10	0.10	2
96ST202		<.2	20	14	75	<1	26	13	0.2	<5	24	<5		3.01	363	<10	92	32	63	<20	<20	20	1.63	0.76	0.54	0.02	0.24	30	9	5	20	7	<5	<10	0.10	2
96ST203		<.2	21	19	70	<1	27	13	0.2	<5	33	<5		2.81	421	<10	77	37	50	<20	<20	17	1.71	0.80	0.44	0.02	0.18	25	7	5	18	6	<5	<10	0.09	2

96R220		<5	<.2	522	<2	50	<1	78	123	<0.2	6	<5	<5	>10.00	183	<10	7	97	31	<20	<20	10	1.27	0.56	0.40	0.09	0.21	38	6	14	10	<1	<5	<10	0.09	9
96R223		1.1	221	20	151	5	83	32	0.2	<5	37	11		4.21	1334	<10	33	96	63	<20	<20	20	1.72	0.60	1.28	0.01	0.44	16	41	5	24	6	<5	<10	0.07	7
96R225		0.4	23	4	28	<1	13	8	<0.2	<5	5	<5		2.54	444	<10	54	156	11	<20	<20	8	0.66	0.31	0.33	0.03	0.18	8	5	3	9	<1	<5	<10	0.04	3
96R226		<.2	12	6	83	<1	4	24	<0.2	<5	<5	<5		5.27	732	<10	157	26	148	<20	<20	17	3.10	1.86	2.37	0.24	0.15	144	15	9	48	15	7	<10	0.52	30
96R229		<.2	201	4	40	2	37	20	<0.2	<5	<5	<5		4.48	180	<10	31	46	46	<20	<20	2	4.73	0.23	4.18	0.32	0.05	251	10	15	14	8	<5	<10	0.24	11
96R230		<5	<.2	6	14	109	2	3	1	<0.2	<5	<5	<5	0.94	83	<10	33	85	<1	<20	<20	2	0.50	0.02	0.03	0.06	0.14	2	13	2	<1	3	<5	<10	<.01	49
96R231		<5	<.2	20	29	89	6	4	4	0.3	<5	<5	<5	1.71	370	<10	79	80	10	<20	<20	20	0.81	0.15	0.30	0.09	0.11	10	21	7	9	3	<5	<10	0.14	49

**Amendment to Prospecting Proposal
Application 96-032 - Wade Carrell**

Detailed prospecting in the area around the confluence of Iron Creek and Sidney Creek has indicated a favourably mineralized area of bedrock outcroppings on Iron Creek (see amendment to 96-033). Detailed prospecting, discussion with third parties and research indicates that the area probably represents a volcanogenic exhalative environment. These environments are typically quite extensive often covering 30km or more. Research has shown that the metavolcano-sedimentary rock unit that hosts the mineralization in the area around Iron Creek is quite extensive and covers a large area east, west and south of the area around Iron Creek. This amendment is proposed to facilitate the prospective exploration of this much larger area. Prospecting of a reconnaissance nature will be carried out on parts of the following claim sheets, 105 C13, 105C11 and 105 C14 (in areas peripheral to Iron Creek and the area covered under YMIP 96-33).

Copy of amendment previously
submitted to Karen Pelltier;

Oct. 3, 1996

→ Note: The report of this regional investigation is included within the report for the Iron Creek area, see Clayton Wilson YMIP 96-033.

Notes to accompany Final claim 3 - Wade Carrell(YMIP #96-032)

Summary of Field work completed to September 30, 96(see attached field notes for details)

Prospector: WSC(Wade S. Carrell)

Helper(s): CRW(Clayton R. Wilson)

- Sept. 1 - Prospected area peripheral to Iron Creek, about 5 miles west along the Sydney Creek valley.
- Pyritic shale was found in float in all creeks that were encountered.
 - WSC & CRW
- Sept. 4 - Prospected area peripheral to Iron Creek to the east.
- Identified the same pyritic shale unit identified at I. C. and areas west.
 - Strongly limonitic weathering similar to that present at I.C. was noted.
 - WSC & CRW
- Sept. 5 - Prospected Sidney creek east of camp with little success due to heavy alluvial cover in the area.
- WSC
- Sept. 7 - Prospected in detail the second creek east of I.C. to locate work carried out per Minfile 105C 020.
- Trenching in the area was carried out in the placer gravels.
 - Encountered a limestone unit overlying the shales, the dip of the units has flattened somewhat and varies from almost flat lying in the upper areas of the creek to almost 40 degrees towards the road.
 - WSC & CRW
- Sept. 20 -22 - Prospected in area of 4 mile creek from camp setup near the Canol Road.
- Extensive overburden in the area hampered prospecting. Granite and some schist float in creeks and limited outcrop of limestone were encountered.
 - Attempts to reach higher ground were hampered by rain and snow.
 - WSC & CRW
- Sept. 23 - Returned to Boswell River camp by fixed wing aircraft and prepared for staking by Clayton Wilson(see report on Boswell River area, YMIP 96-033) and prospecting by myself of the inferred western extension of the lithological units encountered in the Iron Creek area.
- WSC & CRW

Sept. 24&25 - Prospected area of Red Mountain Creek, encountering mostly schists and a greenish mudstone. Some limonitically stained shale float was noted on the west fork of Red Mountain Creek, but was not found in outcrop.

- WSC

Sept. 26-30 - Broke camp and winterized same. Began trip out along the old tote road with the truck we had taken in at the beginning of the season

- Continued along road on the way back to Canol Road, prospecting creeks encountered on the way and free camping at nights.

- Mostly schists and granities where encountered, as well as some limestone.

- A branch of the road shown near the headwaters of Sidney Creek could not be located and we where unable to access those areas north of Sidney Creek which previous mapping had indicated as containing the shale unit which we consider prospective for massive sulphides in the area.

- The Minfile reference 105C 023 which refers to GSC reports of copper stained float in this area could not be investigated and access by float plane to one of a series of lakes in the upper Sidney Creek valley appears to be the best way of accessing this area.

- After camping at Iron Creek on the 30th, we returned to Whitehorse. We had expected to do some additional work in the 4 Mile Creek area, but cold and continuing snow cancelled this effort.

- WSC & CRW

JOB..... IRON CREEK
DATE..... SEPT 4 1946 PAGE 06

PROSPECTED THE CREEKS EAST
OF BOZO CLAIM GROUP.

FOUND PYRETIZED SHALE IN
FLOAT ON THE NORTH SIDE OF
ALL CREEKS THAT CROSSED THE
SIDNEY CREEK ROAD. FOUND
HEAVILY LIMONITIC OUTCROP
200 METERS NORTH OF THE
ROAD, ON A CREEK 5 MILES
EAST OF THE CLAIM BLOCK.

THE OUTCROP IS PYRETIZED
SHALE WHICH STRIKE 308°
DIPS 80° .

THIS OUTCROP IS OBVIOUSLY
AN EXTENSION OF THE SAME
HIGHLY MINERALIZED ZONE
FOUND AT I. C.



PARTY CHIEF
WEATHER

C. WILSON
CLOUD - RAIN

JOB..... I. C.
DATE..... SEPT 5 1946 PAGE 07

I PROSPECTED EAST ON SIDNEY
CREEK IN SEARCH OF OUTCROP.

I FOLLOWED THE CREEK FROM
CAMP, UNTIL I ENCOUNTERED
THE GREENSTONE BEDROCK,
WHICH I HAD PREVIOUSLY SEEN
ON JUNE 30TH.

NO SHALE IN FLOAT OR
OUTCROP FOUND.

I RETURNED TO CAMP VIA
THE OLD PLEASER ACCESS ROAD.

ALL CREEKS ENTERING FROM THE
NORTH CARRIED NO SHALE
IN FLOAT.

PARTY CHIEF
WEATHER

CL. WY - COOL - SHOWERS



JOB..... I. C.

DATE..... SEPT 7/196 PAGE..... 09

PROSPECTED NORTH ON THE
CREEK EAST OF BOZO GROUP,
FIRST ENCOUNTERED SEPT 4TH.

WE FOLLOWED AN OLD CAT
TRAIL NORTH LOOKING FOR DOZIER
TRENCHING REFERRED TO IN THE
MINIFILE.

THE TRAIL ENDED 1/2 MILES
NORTH OF THE SIDNEY CREEK
ROAD. THE TRENCHING WAS
DONE ON PLACER GROUND.

WE PROSPECTED WEST ON A
LIMESTONE UNIT WHICH OVER-
LIES A TUFF BED. THE BEDD-
ING STRIKES 210° & DIPS 10°
THE LIMESTONE CAP IS SCAR-
IFIED ON THE WESTERN SIDE &
CUT BY QUARTZ VEINS ON THE
EAST.

PARTY CHIEF

C. WILSON
CLEAR - COLD

WEATHER



JOB..... IRON CREEK.....

DATE..... SEPT. 7/196 PAGE..... 10.....

I PROSPECTED FROM THE LIMESTONIC UNIT BACK TO THE CREEK. CLAYTON INVESTIGATED THE LIMESTONIC UNIT.

I PROSPECTED SOUTH ALONG THE CREEK. I FOUND LIMONITIC BEDDED SHALE IN OUTCROP.

FIFTY YARDS SOUTH I FOUND THE TUFF BED ON TOP OF THE SHALE UNIT. THE STRIKE & DIP IS IDENTICAL TO THAT FOUND BELOW THE LIMESTONE.

150 YARDS SOUTH OF THE TUFF OUTCROP I FOUND A DROP FAULT. THE OUTCROP SOUTH OF THIS POINT IS STRIKING 30° & DIPS 20° .

400 YARDS SOUTH OF THE



PARTY CHIEF
WEATHER

C. WILSON
CLEAR - COLD

JOB..... I. C.....

DATE..... SEPT. 7/196 PAGE..... 11.....

DROP FAULT, I FOUND ANOTHER DROP FAULT. THE ROCK UNIT IS NOW DIPPING 39° .

I CONTINUED PROSPECTING SOUTH THROUGH A SERIES OF DROP FAULTS, UNTIL I ENDED ON THE SHALE OUTCROP FOUND SEPT 4TH.

I SUSPECT THAT A SEDIMENTARY BASIN LIES NORTH OF THE SIDNEY CREEK VALLEY.

THE SHALE UNITS THAT STRIKE ACROSS IRON CREEK ON EDGE ARE PART OF THIS ORIGINAL BASIN. ALL ROCK UNITS HAVE BEEN DROP FAULTED FROM THE NORTH

PARTY CHIEF
WEATHER

C. WILSON
CLEAR - COLD



JOB..... CANOL ROAD
DATE..... SEPT 20/196 PAGE..... 01

SET UP CAMP OFF CANOL
ROAD NEAR 4 MILE CREEK

PROSPECTED WEST FOR 1/2
MILES. NO OUTCROP FOUND.

THE CREEKS CONTAIN GRANITE
COBBLES AS WELL AS SCHIST &
OCASIONAL QUARTZ.

RAINING AT 6:PM - RETURNED
TO CAMP.



PARTY CHIEF
WEATHER

W. CARRELL
WINDY - COLD

JOB..... CANOL ROAD
DATE..... SEPT 21/196 PAGE..... 02

PROSPECTED WEST 3 MILES

ENTIRE DAY SPENT IN
DIRT CONTACT.

LAST CREEK ENCOUNTERED
HAS LIMESTONE IN OUTCROP,
WHICH IS BEDDED NEXT TO
GREENSTONE TO THE SOUTH.

RAIN TURNING TO SNOW IN
LATE AFTERNOON.

RETURNED TO CAMP BY
5:PM. NO SAMPLES TAKEN.

PARTY CHIEF
WEATHER

W. CARRELL
WINDY - RAIN - SNOW COLD



JOB..... IRON CREEK.....

DATE..... SEPT. 1, 196..... PAGE..... 03.....

PROSPECTED 5 MILES WEST OF 1
BIG TOP CLAIM BLOCK.

FOUND PYRETIIZED SHALE IN
FLOAT IN ALL CREEKS THAT
JOIN SIDNEY CREEK FROM THE
NORTH

CRYSTALLIZED LIMESTONE IS BEDDED
WITH SCHIST ON 4TH CREEK
TO THE WEST. THIS UNIT
STRIKES 310° & DIPS 80°

PYRITES IN THE SHALE FLOAT
APPEARS TO HAVE BEEN RE-
MOBILIZED & THIS ROCK IS
MAGNETIC

RETURNED TO CAMP AT 9. P.M.

PARTY CHIEF

WEATHER

C. WILSON
CLOUDY & WARM



JOB..... CAMOL ROAD.....
DATE..... SEPT 22/96..... PAGE..... 03.....

JOB.....
DATE..... PAGE.....

RAINED OFF & ON ALL
NIGHT.

SNOWING AT ELEVATION.

PACKED UP AT NOON &
RETURNED TO WHITEHOUSE.
337 KILOMETERS.

BOB ORGANIZED TO FLY
INTO BOZWELL RIVER IN
MORNING.



PARTY CHIEF
WEATHER

W. CANNELL
COLD - SNOW

PARTY CHIEF
WEATHER



JOB..... BOZWELL RIVER
DATE..... SEPT. 23/1966 PAGE..... 01

JOB.....
DATE..... PAGE.....

TWO FLIGHTS WITH 172
INTO BOZWELL STRIP.

I ARRIVED WITH THE LAST
FLIGHT AT 3:PM.

I GOT THE VEHICLES FUELED
& RUNNING & ORGANIZED THE
CAMP WHILE CLAYTON PROSPEC
TIED TO THE EAST OF CAMP.

SNOWING ON THE HIGHTS

SNOWING AT CAMP BY 11:PM

CLAYTON WILL STAKE CLAIMS
BETWEEN THE CHARM & STAR
GROUPS TOMORROW, WHILE I
PROSPECT SOUTH OF RED
MOUNTAIN.



PARTY CHIEF
WEATHER

E. Wilson
COLD - SNOW

PARTY CHIEF
WEATHER



JOB..... RED MTN. CREEK.....
DATE..... SEPT. 24/46 PAGE.....

I DROVE A HONDA BIG RED TO
SOUTHERN END OF RED MTN.
CREEK.

I PROSPECTED EAST OF THE
SOUTH FORK OF RED MTN.
CREEK.

THE BEDROCK ON THE EAST
FORK OF THE CREEK CONSISTS
OF INTERBEDDED UNITS OF MICAC-
EOLUS SHISTS & GREEN MUDSTONE

THE BEDROCK STRIKES NORTH-
WEST 297° & DIPS 60° TO
 80° .

BEDROCK IS COVERED BY DIRT
& VEGETATION 50' ABOVE
CREEK LEVEL. ONE PIECE OF
PYNETIZED GREENSTONE WAS FOUND
IN FLOAT.



PARTY CHIEF
WEATHER

W. CARRILL
WARM. WINDY

JOB..... RED MOUNTAIN CREEK.....
DATE..... SEPT. 25/46 PAGE.....

I PROSPECTED THE WEST
FORK OF RED MTN. CREEK

BEDROCK OUTCROPS INTER-
MITTENTLY ALONG THE CREEK
BANK. THE STRIKE & DIP
ARE THE SAME AS ON THE
EAST FORK.

BEDROCK UNITS SIMILAR TO
THE EAST FORK.

BEDROCK STRIKES 294°
DIPS 60° TO 74° .

GLACIAL TILL TO THE WEST
IS PREDOMINANTLY GRANITE
COBBLES & Boulders.

A FEW PIECES OF LIMONITIC
SANDIE FOUND IN FLOAT.

PARTY CHIEF
WEATHER

W. CARRILL
CLOUDY WARM



JOB. RED MTN. CREEK & ROAD SOUTH
DATE SEPT. 26/96 PAGE

PROSPECTED SOUTH OF RED MTN.
AS WE FOLLOWED THE ACCESS
ROAD FROM BOSWELL RIVER TO THE
CAMP ROAD.

MADE CAMP IN THE DIVIDE BE-
TWEEN RED MTN. CREEK & THE UN-
NAMED CREEK THAT FLOWS S.W.
TO BAKER LAKE.

SOUTH OF RED MOUNTAIN THE
BEDROCK CHANGES FROM A
PORPHYRY TO GREY GRANITE.

ON THE RIDGE WEST OF CAMP
ONE OUTCROP OF UNMINERALIZED
SCHIST WAS FOUND ~~IN~~ OUTCROP.

AFTER RED MTN. THE ROAD IS
FOLLOWING LOW PASSES WITH
FEW BEDROCK EXPOSURES.



PARTY CHIEF

WEATHER

W. CARRELL
SUNNY - COLD

JOB. BOSWELL RIVER ROAD - SOUTH
DATE SEPT. 27/96 PAGE

PROSPECTED AS WE CONTINUED
SOUTH. WE FOUND TWO OUTCROPS
OF GREENSTONE & CLASTIC SCHIST,
EAST OF THE ROAD, AT A POINT
3 MILES SOUTH OF OUR LAST
CAMP.

ALL CREEKS CROSSED FLOW FROM
THE EAST. CREEK BEDS ARE A
MIXTURE OF QUARTZ, SCHIST &
GREENSTONE GRAVELS WITH
GRANITE BOULDERS.

ALL OUTCROPS FOUND ON THE
WEST SIDE OF THE ROAD ARE GRANITE.

WE CAMPED ON THE NORTH SIDE
OF THE CREEK THAT FLOWS IN
TO SWIFT LAKE FROM THE EAST.

GRANITE OUTCROPS ON THE NORTH
& A HIGHLY FOLDED MILK SCHIST
OUTCROPS ON THE SOUTH.

PARTY CHIEF

WEATHER

W. CARRELL
SUNNY - COLD



JOB. BOSWELL RIVER ROAD - SOUTH
DATE. SEPT. 28/96 PAGE

I PROSPECTED EAST FROM CAMP.
I INVESTIGATED BEDROCK OUT-
CROPS ON THE SOUTH SIDE OF
THE CREEK VALLEY.

BEDROCK UNITS ARE STRIKING
NEARLY TRUE WEST & DIP AT
42°

GREY FOLIATED MICH SCHIST,
OVERLIES A LIGHT BROWN SCHIST,
WHICH OVERLIES A COMPACT &
GRANULAR GREENSTONE.

I PROSPECTED UPSLOPE FROM THE
CREEK AT A POINT ABOUT ONE
MILE EAST OF CAMP.

I FOUND FRACTURED PIECES OF LIME-
STONE IN SCREE, AT THE TOP OF
THE FIRST RIDGE, 200 FEET ABOVE
THE CREEK VALLEY.

THE RIDGE IS COVERED WITH
GRANITE BOULDERS & GLACIAL TILL.
THE VEGETATION IS LARGE WELL
SPACED PINE FOREST.



PARTY CHIEF
WEATHER

D. CARRELL
CLOUD - COOL - WIND

JOB. B. RIVER ROAD - SOUTH
DATE. SEPT. 28/96 PAGE

I PROSPECTED EAST ON TOP
OF THE RIDGE FOR ABOUT 1/2
MILE.

THE RIDGE ENDED IN A LIMESTONE
E SCREE SLOPE.

I HIRED DOWN AND ACROSS
THE VALLEY.

I FOUND OUTCROPS OF GRANITE
ON THE NORTH MARGIN.

I PROSPECTED BACK TO CAMP
ALONG THE CREEK CHANNEL.

THE GRAVELS IN THE CREEK BED,
CONSIST OF SCHIST, QUARTZ,
GREENSTONE & GRANITE PEBBLES.

I PANNED A SAND BAR ABOVE
CAMP. I GOT A BIT OF BLACK
SAND & ONE TINY QUARTZ, BUT
NO COCOL.

PARTY CHIEF
WEATHER

D. CARRELL
CLOUD - WIND - COOL



JOB.....

DATE..... PAGE.....

[Faint handwritten notes in the top section of the page]

[Large area of very faint handwritten notes, mostly illegible]

PARTY CHIEF

WEATHER



JOB San Creek PAGE 9
DATE Sept 7 1896

projected in the area five
miles east of the camp about
one mile north of the road
there was supposed to be
cat tracking in the area
but none was found.

found a sharp outcrop
that contained white, gray quartz
with black veins in ~~part~~
the veins were interbedded with
limestone and the fine stone
contained long black metallic
crystals that are hard to identify
possibly stibnite.

~~perhaps~~ in the west consists
of granite boulders and the
outcrop was a shale unit
bedded at 10° further down
the bedding ~~was~~ changed to
 25° dip, so it is assumed
that this is the sedimentary
basin but has not been tilted
therefore ~~and~~ as the area to
the west.

PARTY CHIEF C. Wilson
WEATHER Sunny 56



JOB
DATE

PAGE

~~stop~~
location

lake
sidney creek

1 color
light pens

2 colors

1 color

6 colors

← 5 KM →

1 camp

1 Row
creek

N



PARTY CHIEF
WEATHER

JOB. Iron Creek

①

DATE. Sat. Sept. 1

PAGE

Prospected west of the Iron
Creek showing along Sidney Creek
panning the small feeder pipes
coming from the north and
checking angular float for a
continuation of the mineralized
zone.

Gold colors were found in
all of the pipes (1 to 6)
along with black sands.
The last pipe tested also
showed angular float about
1.5 Km. above the lake.
An outcrop of bedrock, which
consisted of crystalline limestone
which ~~is~~ dipped 80° and a
strike of 310° was exposed
for approx. 30 m. wide.

The shale float found consisted
of unbleached pyrite and ~~showed~~
showed slight magnetism. no
outcrop of this could be found.

PARTY CHIEF

Clayton

WEATHER

Clear, warm.



JOB. Iron creek

DATE. Sept 4 PAGE _____

• Prospected creeks east of the
clay block checking the ones
flowing from the north for
placet or outcrop.

1st creek on the edge of
clay block. This creek contains
slat in limited amounts no
out crop found.

2nd creek just past clay
block - a little flat but
no outcrop found.

3rd creek about 4 mile from
camp. (shown on the map).

This creek contains a good
deal of flint and about 2000
up from the road, outcrop was
found and checked. This contains
the same pyritized slat striking
310° and 80° dip. This is
apparently to be the same unit on
the same trend.

PARTY CHIEF

E. WILSON
Cheney River

WEATHER



JOB BOSWELL RIVER ROAD - SOUTH

DATE SEPT. 29/46 PAGE

TRAVELED SOUTH-EAST &
PROSPECTED AS WE WENT.

WE FOUND ONE GRANITE
OUTCROP ABOVE A BEAVER DAM
AT THE TOP OF THE PASS.
THIS PASS IS SOUTH & WEST
OF SIDNEY CREEK VALLEY.

ALL THE CREEKS CROSSED, HAD
GRANITE BOULDERS & GRAVEL IN
THE BEDS.

THE ROAD FOLLOWS AN OLD
MELT-WATER CHANNEL. WE SAW
ONLY ONE OUTCROP ALL DAY.

MADE CAMP AT ILLON CREEK
AT 9: PM.



PARTY CHIEF
WEATHER

W. CARROLL
SNOW - COLD

JOB ILLON CREEK & CANON

DATE SEPT. 30/46 PAGE

CLAYTON BROKE CAMP & I
HIKED UP ILLON CREEK TO
GET A CHIP SAMPLE.

I TOOK SAMPLE #96K 237
ACROSS 100 YARDS OF STRIKE.
THIS IS LOCATED ON THE EAST
SIDE OF THE CREEK ~~ACROSS~~
FROM THE WATERFALL ON BOZO
#7.

WE LEFT FOR WHITEHORSE AT
1: PM.

WE DID NOT STOP AT 4 MILE
CREEK BECAUSE OF THE SNOW.

TOTAL TRIP 486 KILOMETERS
& ONE BADLY WRINKLED CHEV
TRUCK.

PARTY CHIEF
WEATHER

W. CARROLL
SNOW - COLD



JOB..... Cayah Rd.....

DATE..... Sept 21..... PAGE.....

Prospected to the west
of white creek but no
outcrop was found.
Found four limestone in
outcrop
west of the area. Lycopods
in contained glass till.

Snow Cold
Clyde Wilson

Sept 22

Due to weather
conditions we decided
to return to Whitehouse
and set up to fly into
Barnwell River in the
next AM.

Snow Cold
Clyde Wilson

PARTY CHIEF.....
WEATHER.....



JOB.....

DATE..... PAGE.....

[Faint, mostly illegible handwritten notes]

Sept 24
Spiced claims starting
at Barnwell River black and
working west towards
Step group. Computed
staking up to 1/2. This
group is 2 claims wide
several outcrops of quartz
were seen along the creek
some had a shaly sluff
shell for potential mineralization
at depth.

C. Wilson
Uman

PARTY CHIEF.....
WEATHER.....



JOB.....

DATE.....

Roswell River

Sept 25

PAGE.....

Continued staking from
12 through to # 22
number 21 + 22 are fractured
cleans that measure approx
984' completed staking
at approx 6:30
Clear Cold

Clayton Wilson

Sept 26

Roswell river
Winterized camp and rechecked
and left to bring the new
truck out
Prospected south of
red Mountain below real
mountain pass is very little
cut crop and very thin
is granite holder. Set up
Camp at a creek feeding lake
lake.

PARTY CHIEF.....

WEATHER.....

Evelyn Courall
Sunny Cold

JOB.....

DATE.....

Roswell River

Sept 27

PAGE.....

Traveled south staking at
river creek crossings to check
the float. saw a lot of
cut crop in the area the
float in the creek consisted
of granite quartz schist and
greenstone.

Set up camp at 6:00

Sunny Cold.

PARTY CHIEF.....

WEATHER.....



JOB.....

JOB.....

DATE.....

PAGE.....

DATE.....

PAGE.....

Faded handwritten notes in a columnar table format, possibly recording observations or data.



PARTY CHIEF.....

WEATHER.....

PARTY CHIEF.....

WEATHER.....

Notes to accompany Interim claim 1- Wade Carrell(YMIP #96-032)

Summary of Field work completed to July 31, 96(see attached field notes for details)

Prospector: WSC(Wade S. Carrell)

Helper(s): CRW(Clayton R. Wilson)

May 23 - 24/96 2

- Reconnaissance and orientation of 115H/6 geology and access. Investigated outcrop, prospected gravels and attempted to located tote roads shown on claim sheet, for access to SW quadrant of map sheet(the area around and south of Houghton Lake).
Note: Houghton Lake is often referred to as Willow Lake by others in the area.
- Continued effort to locate tote road, which ultimately proved unsuccessful. It is possible that this road has long since grown over, but it may also have crossed the ice in the winter and therefore not necessarily start at the south end of Aishihik Lake.
- WSC & CRW

July 24 - 31/96

- 3
- July 24 - Arrived at Sekulmun Lake via the Aishihik Lake Road and various Cat trails. Prospected large gossanous stained area for signs of visible mineralization. Setup camp on north end of lake.
- WSC & CRW

- 4
- July 25 - Investigated old showings ,occurrences and lithology of various rock units in the area by canoe. Travelled from base camp at north end of Sekulmun Lake down the western shore to the area south of Issac Creek.
- WSC & CRW

- 5
- July 26 - Continued to prospect shoreline and near shoreline south to an area about 3 miles south of Issac Creek. Prospected area of interbedded quartzites and schist that showed strong limonitic staining and signs of leaching.
- Continued south down the western shore to the lake to the area where the lake begins to narrow and prospected south side of the high ground prospected in the morning. Discovered what may be the 'black quartzite' purported to be prospective for VMS in the area, the rock appears to be exhalitive in nature and may be hematitic in composition.
- Made camp and prospected the outcrop along shore.
-WSC & CRW

- July 27 - Crossed to eastern shore of lake and prospected along shore to creek entering Sekulmun Lake from the east and prospected and sampled along its length. Interbedded units similar to the previous days', including the black quartzite were noted.
- Continued to prospect north up the eastern shore of the lake to a point across from Issac Creek where camp was made.
 - WSC & CRW
- July 28 - Prospected north along eastern shore line to an area south of base camp previously known as Blip claims and sampled mineralized rock near granitic contact. Canoeed the rest of the way back to base camp.
- WSC & CRW
- July 29 - Prospected and investigated rock units north to old Aishihik town site and for some distance down the Aishihik Lake road on the way to Haines Junction to resupply and returned to base camp.
- WSC & CRW
- July 30 - Returned down Sekulmun Lake to area visited on the 28th and did more detailed prospecting and took measurements. Traced mineralization and did some more sampling. Returned to base camp for the night.
- WSC & CRW
- July 31 - Rain which started the night before continued throughout the day. Decision was made to return to Whitehorse, to submit samples and plan fly-in to more western regions of project area. Several areas had to be winched around and through and the road is generally in poor condition following rain due to the nature of the till in the area.
- WSC & CRW

NOTES

WSC's Notes

JOB..... AISHIHIK
DATE..... MAY 23/96 PAGE..... 01

LEFT TOWN 5:00 PM $\frac{1}{2}$ KILOMETER


ARRIVED UPPER WIDE BY 1 KM.
WIER CONTROL IN LENGTH APPEARS
STATION CANYON TO STRIKE W.W.W.
LAKE 7:39 PM

TRAVELED POTENTIAL FROM 70 TO 90°
ROAD ALONG AREA SOUTH
ON FOOT SOUTH

FIND AISHIHIK LK. NO ROAD FOUND
YET.

① 9:20 PM EXPLORED
ROCK OUTCROP S.W. LAKE LEVEL
CORNER A. LK. 4' BELOW NORMAL
ENCOUNTERED MARBLE
VEINS WITH QUARTZ RED STAIN ON
STRINGERS. TUCK GRAVELS & MUD
SAMPLES & FOLDS ALONG LAKE SHORE
WED THE OUTCROP BELOW OUTCROP.

BACK TO LAKE RETURNED TO TRUCK 10:40 PM
SAMPLE # 96-02
(001, 002, 003)

AREA VERY GESSANIZED.
PARTY CHIEF..... WADE CARRELL
WEATHER..... BROKEN OVERCAST 10°C 

JOB.....AISHINIK.....

JOB.....S.....

DATE.....May 24/86..... PAGE 02.....

DATE.....

TIME 7:10 AM CONTINUED UP
ROAD FROM AISHINIK LK. CAMP
GROUND TRYING TO SEE ACCESS
ROAD ON WEST SIDE OF LAKE.

7:11

10

3 M
CA

NO ROAD FOUND; ASSUME
WINTER ROAD FOLLOWED WEST
SHORE OF LAKE.

3:3

96

C.

RETURNED TO WHITEHORSE
ARRIVED 11:30 AM; 34.4 KM.

45.

2

Su

Too

HIGI

LEFT

8:30 P

SIDNE

11:00 PM



PARTY CHIEF WADE CARRELL

PARTY CHIEF L

WEATHER.....HIGH OVERCAST-COOL.....

WEATHER.....C.....

WSC's notes

JOB ^{MUN} SEKUL ~~LAKE~~ LAKE
DATE JULY 24/96 PAGE 01

DRIVE TO SEKULMUN LAKE -
PROSPECTED RIDGE N. WEST OF
LAKE. ROCK OUTCROP APPEARS
TO BE GOSSANIZED PORPHYRY.
THIS OUTCROP TRENDS TO THE NORTH
IN THE GENERAL DIRECTION OF
PORPHYRY PEAK. ABOUT 80% OF
THE ROCK UNIT IS EXPOSED &
STRIKES N.N.W. WITH A DIP OF
65°. NO MINERALIZATION WAS
FOUND TO EXPLAIN THE GOSSAN.

PARTY CHIEF W. CARRELL
WEATHER CLEAR & WINDY



JOB SEKULMUN LAKE
DATE JULY 25 PAGE 02

PADDLED CANOE 3 MILES DOWN
WEST SHORE OF S. LAKE FROM
CAMP ON NORTH END OF LAKE.

PROSPECTED SHORELINE FOR ROCK
OUTCROP.

NORTH END OF SEKULMUN LK. IS
GLACIAL TILL & SAND DUNES.
THE DIRT COVER EXCEEDS 600
FEET ABOVE LAKE LEVEL. WELL
ROUNDED GRANITE BOULDERS SHOW
ALONG THE BEACH.

ROCK OUTCROP FIRST LOCATED
2 1/2 MILES SOUTH OF ALBERT CR.
ROCK UNIT IS TIGHTLY FOLDED &
BANDIED MICACIOUS SCHIST INTER
BREDED WITH GREY QUANTZITE &
QUANTE STRINGERS & LENSES
THE BEDDING IS STRIKING TO
THE SOUTH WEST & DIPS AT
85°.

PARTY CHIEF W. CARRELL
WEATHER CLEAR - WARM



JOB S. LAKE
DATE JULY 25/96 PAGE 03

A 3' WIDE QUARTZ VEIN WAS FOUND JUST BELOW A WATER SURVEY STATION ON ROCK 'OUT CROP, NORTH OF ~~THE~~ CREEK TO THE SOUTH OF ALBERT CREEK.

THE WALL ROCK NEXT TO THE VEIN IS COURED IN LIMONITIC STAIN.

SAMPLE # 96R-213 TAKEN FROM WALL ROCK IS GREY QUARTZITE INTERLUDIED WITH QUARTZ & PYRITE. THE PYRITE IS GRANULAR & OXIDIZED ON THE OUTER EDGES.

THE QUARTZ VEIN IS EXPOSED FOR A LENGTH OF TEN FEET. IT IS YELLOW & ORANGE IN COLOR. STRIKES W.S.W. & DIPS AT 90°. NO MINERALIZATION WAS FOUND IN THE QUARTZ BUT IT DID SMELL STRONGLY OF SULFUR.



PARTY CHIEF W. CANNEL
WEATHER CLEAR - WARM

JOB SEKULMUN LK.
DATE JULY 25/96 PAGE 04

WHEN BROKEN. THE CREEK ENTERS THE LAKE FROM A BOGGY AREA BELOW A HIGHLY GOSSANOUS & LIMONITICALLY STAINED ROCK FACE. THE ROCK FACE PARALLELS THE LAKE SHORE FOR ANOTHER MILE AND ONE HALF.

THE CREEK WATER IS YELLOW IN COLOR & SMELLS & TASTES OF SULPHUR.

THIS AREA IS UNDER LAND CLAIMS, SO WILL BE INVESTIGATED LATER.

MADE CAMP AT MOUTH OF ISAAC CREEK

PARTY CHIEF W. CANNEL
WEATHER CLEAR & WARM



JOB.....SEKULMUN LK.....
DATE.....JULY 26/1966 PAGE 05.....

PADDLED 3 MILES SOUTH FROM
ISAAC CREEK.
LAKE SHORE COMPOSED OF GRAVEL
WHICH IS 80% BROKEN MICASSIOUS
SCHIST & 20% GRANITE COBLES
MIXED WITH QUANTZITE, QUANTZ
& CLAYS. VEGETATION COVERED
EVERYTHING FROM THE BEACH TO
THE 4,000' LEVEL.

TRAVERSED NORTH FACE OF
MOUNTAIN 3 MILES SOUTH OF
ISAAC CK.
INTERBEDDED MICASSIOUS SCHIST
& QUANTZITE, SOME QUANTZ BLENDS
LOTS OF LIMONITIC STAINING &
LEACHING. ROCK UNITS STRIKE
NORTH WEST & DIP 60 TO 90°.
SOME ROCK UNITS ARE FOLDED
& TWISTED. NO MINERALIZAT
ION FOUND.



PARTY CHIEF.....

WEATHER.....

W. CARRELL
WARM WINDY

JOB.....S. LAKE.....
DATE.....JULY 26/1966 PAGE 06.....

CONTINUED SOUTH ANOTHER
TWO MILES & MADE CAMP
IN A SMALL COVE ONE MILE
NORTH OF THE RIVER THAT
ENTERS SEKULMUN LAKE JUST
NORTH OF BEAR LAKES.

PROSPECTED SOUTH EAST SLOPE
OF MOUNTAIN TRAVERSED IN THE
MORNING.

SAME ROCK UNITS AS ENCOUN
TERED BEFORE EXCEPT FOR
TWO BLACK QUANTZITE? DIKES
& TWO LIMESTONE LENSES

SAMPLE '96R-214 TAKEN
FROM THE SOUTHERN DIKE
IS HEAVY BLACK METALLIC
MINERAL MIXED WITH GREY
QUANTZ. SHINY ON FRESH
BREAKS & SCOTY & RUSTY ON
WEATHERED SURFACES.

PARTY CHIEF.....

WEATHER.....

W. CARRELL
WARM WINDY



JOB.....SEKULMUN LAKE

DATE.....July 26/196 PAGE 07

THE NORTHERN DIKE & THE LIMESTONE LENSES COULD NOT BE REACHED AS THEY WERE OUTCROPPING IN VERTICAL FACES

A PIECE OF LIMESTONE FLOAT & A RUSTY PIECE OF QUARTZ FLOAT FROM THE SCREE SLOPE BELOW A LIMESTONE LENS CONTAIN PYRITE VISIBLE UNDER MAGNIFICATION.

TWO BEDROCK UNITS ON THE LAKE SHORE ARE SIMILAR TO THE BLACK QUANTZITE SAMPLE PREVIOUSLY MENTIONED. A CLONITIC SCHIST & A GARNET SCHIST ALSO OUTCROP ON THE SHORELINE.



PARTY CHIEF.....

WEATHER.....

W. CARNELL
DARK WINDY

JOB.....S. LK.

DATE.....July 27/196 PAGE 08

6:AM ~~CROSSED~~ LAKE.

PROSPECTED UP CREEK TO EAST OF S. LAKE. TOOK SAMPLE # 96R-215 FROM A LIMESTONE BED OUTCROP ON NORTH SIDE OF CREEK. THE BED WAS EXPOSED FOR 15' ABOVE THE DIRT CONTACT & WAS BEDDED ABOVE BY A BIOTITE SCHIST.

THIS UNIT STRIKES NORTH PARALLEL TO THE LAKE & DIPS AT 10° . 100' OF THIS UNIT IS EXPOSED ON THE NORTH SIDE OF THE CREEK & 100' OR MORE IS EXPOSED ON THE SOUTH SIDE. THIS ROCK IS GREY & WHITE BANDIED WITH FINELY DISSEMINATED PYRITE & A GREY METALLIC MINERAL. 3,500' ELEVATION

PARTY CHIEF.....

WEATHER.....

W. CARNELL
HOT & CALM



JOB.....SEKULMAN LK.....
DATE.....JULY 27/1966.....PAGE.....09.....

CONTINUED PROSPECTING UPSTREAM.

ENCOUNTERED INTERBEDDED SCHISTS
& GREY QUANTZITES. AT 4100'
LEVEL CLAYTON SAMPLED A
1/2 INCH QUANTZ VEIN THAT
OUTCROPS BETWEEN GREY QUANTZITE
BEDS 100' UP THE CANYON
WALL FROM THE CREEK BED.

I SAMPLED A BLACK QUANTZITE
BED BELOW THE QUANTZ VEIN
AT CREEK LEVEL THAT IS
IDENTICAL TO THE ROCK DIKE
ACROSS THE LAKE. SAMPLE
96R-216.

AT 4500' LEVEL I TRAVERSED
NORTH ACROSS THE ROCK EXPOSURE
& CLAYTON WENT DOWN STREAM
TAKING STREAM SED SAMPLES.

PARTY CHIEF.....

W. CANNELL

WEATHER.....

HOT CALM



JOB.....S. LK.....
DATE.....JULY 27/1966.....PAGE.....10.....

I ANGLED ACROSS FOR 1/2 MILE
OF ROCK EXPOSURE & ENCOUN
ENTERED THE SAME SUITE OF
ROCK AS SEEN IN THE CREEK.

MET CLAYTON AT THE CANOE
PADDED FOUR MILES NORTH &
CAMPED ON SHORE OPPOSITE FROM
ISAAC CREEK

PARTY CHIEF.....

W. CANNELL

WEATHER.....

HOT CALM



JOB SEKULMUN LAKE

DATE July 28/96 PAGE 11

PADDLED 9¹/₂ MILES NORTH TO
BASE CAMP, NORTH END OF LAKE

PROSPECTED ALONG SHORE LINE

4¹/₂ MILES SOUTH OF BASE CAMP
GRANITE REPLACED THE SCHIST
AS BEDROCK OUTCROP ALONG THE
SHORE LINE.

3¹/₂ MILES SOUTH OF BASE CAMP
GRANITE CONTACTED LIMESTONE &
LIMESTONE CONTINUED IN OUTCROP
TO THE END OF THE PENINSULA
1/2 MILE NORTH

GLACIAL TILL & VEGETATION COVERED
ALL OUTCROP NORTH TO BASE CAMP

TOOK SAMPLE # 461K-217-218-219
NEAR GRANITE CONTACT



PARTY CHIEF

WEATHER

W. CARRELL

WARM, WIND GUSTS

JOB S. LAKE

DATE July 29/96 PAGE 12

DROVE TO HAINES JCT. TO
RESUPPLY.

PROSPECTED 1/4 DISTANCE SOUTH
FROM NORTH END AISHIHIK
LAKE. HIGHLY GOSSANIZED ROCK
APPEARS TO BE VOLCANIC OR
PORPHYRY. MAGNETIC ANOMOLY
COVERS THIS AREA. WE WILL
INVESTIGATE MORE BEFORE WE
LEAVE SEKULMUN AREA.

PARTY CHIEF

WEATHER

W. CARRELL

HOT - WINDY



JOB SEKULMUN LAKE
DATE July 30 1966 PAGE 13

PADDLED 3 MILES SOUTH TO
THE LIMESTONE OUTCROP SEEN ON
THE 28TH.
PROSPECTED ALONG UNTIL WE CAME
UPON MINERALIZED OUTCROP.

MINERALIZATION APPEARS TO BE
SPHALERITE WITH GALENA WITHIN
CALCITE VEINS. THE VEINS ARE
BEDDED INTERMITTENTLY IN THE
LIMESTONE.

THE LIMESTONE STRIKES N.E. 50°
& DIPS 20° . THE MINERALIZED
ZONE OF THE OUTCROP IS 200 FT.
WIDE & RUNS INTO THE LAKE ON
BOTH SIDES OF A NARROW PEN-
INSULA.

SAMPLE # 96R-217 TAKEN FROM
WALL ROCK 10' ABOVE LAKE
LEVEL.



PARTY CHIEF

WEATHER

W. CARROLL
Cloudy & Windy

JOB S LK
DATE July 30 1966 PAGE 14

SAMPLE # 96R-218 TAKEN FROM
WALL ROCK AT SOUTH END OF
EXPOSURE.

SAMPLE # 96R-219 TAKEN
JUST ABOVE LAKE LEVEL IS
MOST HEAVILY MINERALIZED.
THIS AREA GRADES INTO VEINS
THAT ARE 90% METAL & ZINC
ES WIDE.

I WOULD RECOMMEND A DRILL
PROGRAM INTO THE LAKE.

PARTY CHIEF

WEATHER

W. CARROLL
Cloud - Cool - RAIN



JOB SEKUMUN LAKE
DATE July 31/96 PAGE 15

RAINED ALL NIGHT. PACKED
UP & LEFT FOR TOWN. HAD
TO WINCH IN SEVERAL LOCATIONS

ARRIVED WHITEHORSE 5:PM

820 KM ROUND TRIP



PARTY CHIEF W. CANNELL
WEATHER BITIN - COOL

JOB.....
DATE..... PAGE.....

PARTY CHIEF.....
WEATHER.....



CRW's Notes

JOB... *July 24, 1946*

DATE... *SAT. P. 2.00* 6/2 PAGE

left Whitehorse 6:30 AM for
Siberian for project area; get
supplies and fuel purchased 2 1/2 days
before, after passing by the
Athabasca town sight turned onto
a cart trail leading to porphyry
mountain. This area contains
a good deal of porphyry outcrops
and some evidence of exploration
is seen. no visible mineral
gation was found and the
area proved uninteresting.
- 9:00 PM located camp sight
on the shore line of Siberian
Lake.

PARTY CHIEF

Wade Cunnell

WEATHER

windy 20°C

W
Wade

JOB..

Sekyulon Lake

DATE

JOB

DATE

July 25

PAGE

0

OB.

Sequenton Lake

DATE

July 26

PAGE

i
a
-
j
6
one
at
a
the
can
can
a
the
ear
the
the
to
no
then
any
he

travelled 3 miles by canoe
down the west shore line
prospective, they shore line
granite, boulders along shore line
first outcrop at about 2 miles
from creek, the unit is
folded shist, quartz stringers
- a 3 foot vein of quartz was
found and granite staining
on the wall rock. Beauty near the river.
contained pyrite - no visible heavy black mineralization was
mineralization was present, purple running in lines, layered
but spelled like shifter when with limestone. we took a
broken rock sample was
taken by upde. land is
under, had claims so no further
work is being done. Made
Camp.

took canoe south on the shore
line. shore line was shist and
granite boulders. did a traverse along
the mountains. bedrock consisted
of shist and quartz veins. there
is a lot of staining and leaching
in the rock. there is a great
deal of folding so the dips
were from 60° - 90°
canoe on the shore line
sample.



PARTY CHIEF Wade

WEATHER 20° C Sunny

PARTY CHIEF W. Cargill

ATHER wick



JOB..... Sekulun Lake.
DATE..... July 27..... PAGE.....

crossed the creek early before
the wind got up.

- Prospected along creek bed
found limestone outcrop about
16 feet long dipping 10° and is
exposed for about 100 ft to the
north & south of the creek.

The rock is grey with pyrite
and a dark metallic mineral.
Some parts are magnetic while
others are not. Other sediment
samples were taken on this
creek as there did not appear
to have any more outcrop.

Four samples taken
approx 150 m apart.

- 9655108
- 9655109
- 9655110
- 9655111

lake
PARTY CHIEF..... Wade
WEATHER..... Hot 25°



JOB..... Sekulun Lake.
DATE..... July 28..... PAGE.....

Continued prospecting along
shore heading towards base
camp below (south of camp)
on the shore line granite was
being exposed and replaced the
shist and limestone beds.

- for the next 3 miles approx
glacial fill had covered any
other outcrop. The wind on
the lake is a real burden,
as it ~~can~~ get very rough
quickly so safety was a concern.

lake
PARTY CHIEF..... Wade
WEATHER..... Hot windy



JOB..... Sekulun Lake
DATE..... July 29..... PAGE.....

Wade drove into town for more supplies.

- prospected an area of what appears to be a very active volcanic area. There are several gossan outcrops in the area

- found float that may indicate that a porphyry may be in the area.

This area may have to be more prospected. It is located about 20 miles below the old town site.

 NW
wade

PARTY CHIEF.....

WEATHER.....

Wade
Hot

JOB..... Sekulun Lake
DATE..... July 30..... PAGE.....

Returned to the limestone area that outcropped on the peninsula.

- after prospecting and sampling the rock for several hours. rock samples were taken which appear to be Sphalerite with galena or could be grading into pentonite?

Some parts of the mineral zone are magnetic while others are not. The bed is 250' wide and dips towards the lake. Samples were taken by Wade.

- Samples of the limestone were also taken

soil samples were taken off of the near shore line in an area in B on the same strike

PARTY CHIEF.....

WEATHER.....

Wade
Overcast

 NW
wade

JOB.....

DATE.....

PAGE.....

JOB.....


DATE.....

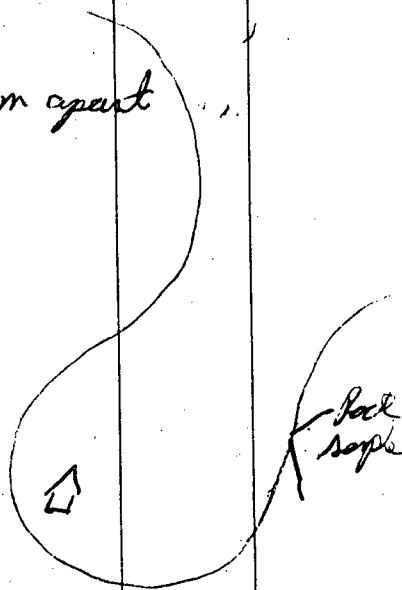
PAGE.....

Kill zone + ~~96S~~ 96S 104-
 96S 105-
 96S 106-
 96S 107-11

Good shore line

Samples taken 200 m apart

water




Back sample



PARTY CHIEF.....

WEATHER.....

PARTY CHIEF.....

WEATHER.....



SHEET 115H-6

AISHIHK LAKE

SCALE: 1/2 MILE TO 1 INCH



NOTICE

THIS MAP IS ISSUED AS A PRELIMINARY GUIDE FOR WHICH THE DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT WILL ACCEPT NO RESPONSIBILITY FOR ANY ERRORS, INACCURACIES OR OMISSIONS WHATSOEVER.

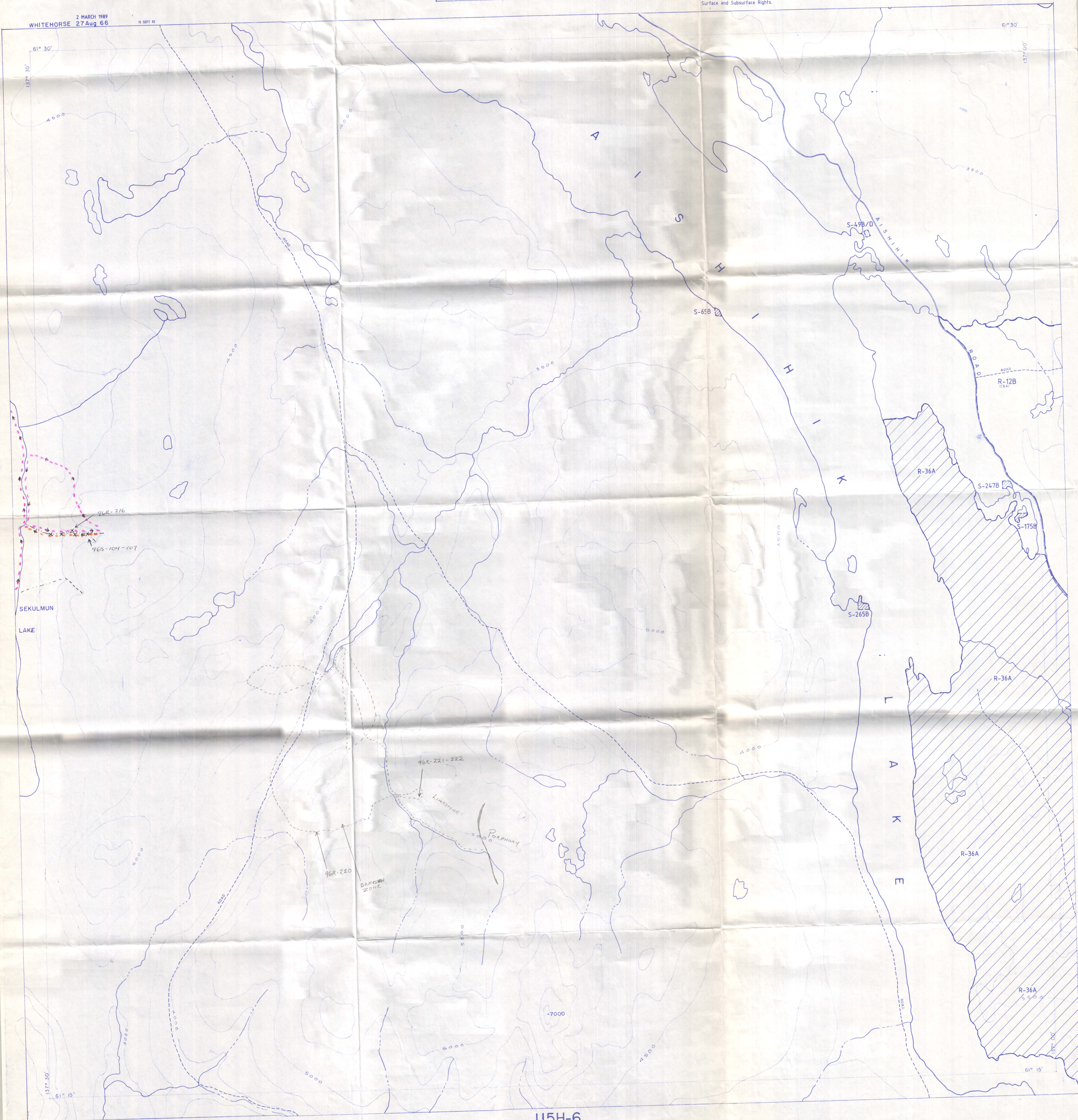
115H-12	115H-11	115H-10
115H-5	115H-6	115H-7
115H-4	115H-3	115H-2

Note: Entry on certain lands is withdrawn from staking in cross-hatched areas to facilitate the settlement of Native Land Claims without prejudice to Existing Surface and Subsurface Rights.

C & A = CHAMPAGNE AND AISHIHK FIRST NATION

2 MARCH 1989
WHITEHORSE 27 Aug 66

10 SEPT 92



SHEET I15H-5

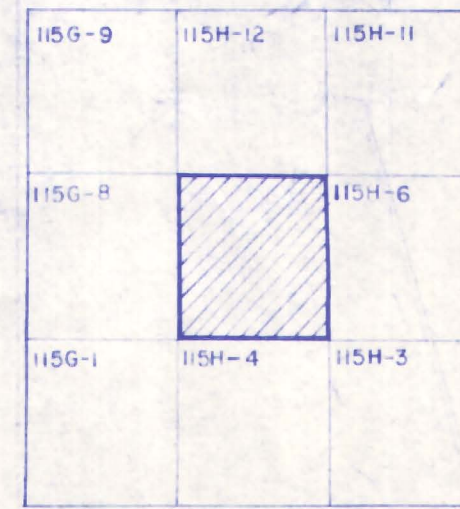
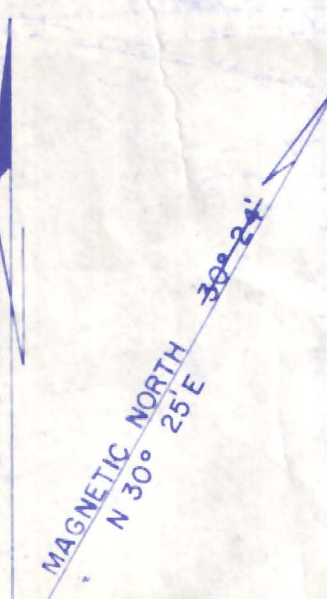
SEKUMUN LAKE

NOTICE

THIS MAP IS ISSUED AS A PRELIMINARY GUIDE FOR WHICH THE DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT WILL ACCEPT NO RESPONSIBILITY FOR ANY ERRORS, INACCURACIES OR OMISSIONS WHATSOEVER.

SCALE 1/2 MILE TO 1 INCH

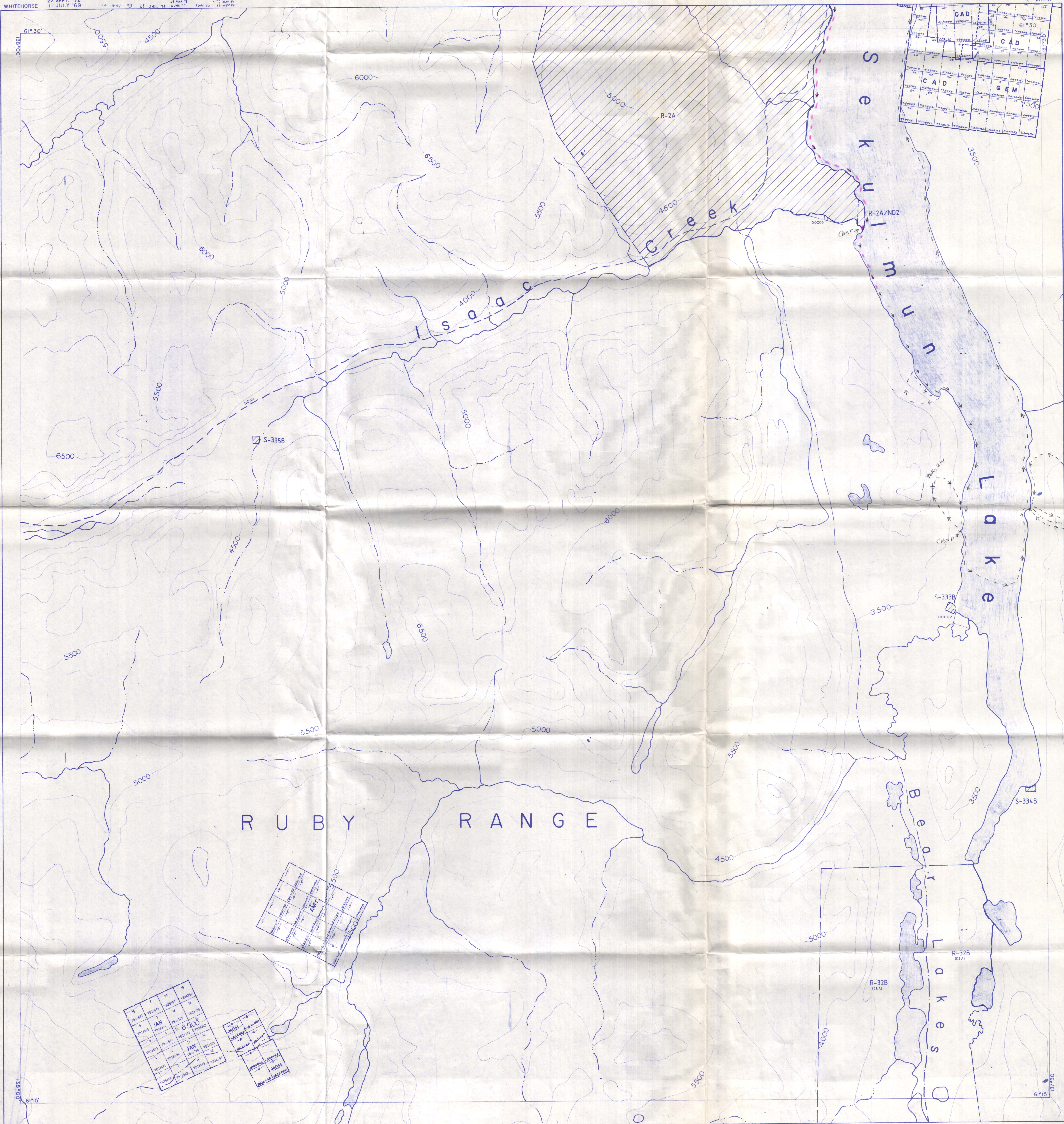
FT. 1000 0 1500 3000 4500 6000 7500 9000 10500 FT



Note: Entry on certain lands is withdrawn from staking in cross-hatched areas to facilitate the settlement of Native Land Claims without prejudice to Existing Surface and Subsurface Rights. C & A = CHAMPAGNE AND AISHIHK FIRST NATION

11 SEPT 72
11 SEPT 70
11 SEPT 69
11 SEPT 68
11 SEPT 67
11 SEPT 66
11 SEPT 65
11 SEPT 64
11 SEPT 63
11 SEPT 62

WHITEHORSE 22 SEPT. 72
11 JULY '69

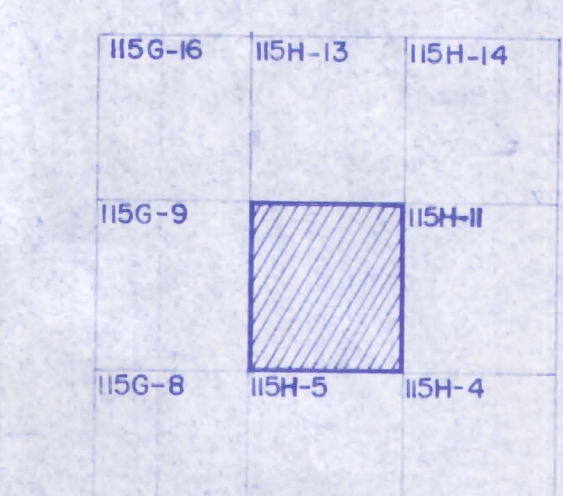
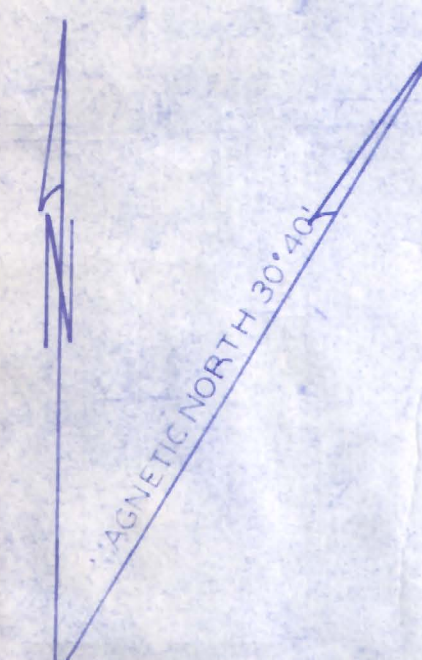


SHEET 115H-12

LATITUDE 61°30' To 61°45'
LONGITUDE 137°30' To 138°00'

ALBERT CREEK

SCALE 1/2 MILE To 1 INCH
FT. 500 0 1500 3000 4500 6000 7500 9000 10500 FT.



Note: Entry on certain lands is withdrawn from staking in cross-hatched areas to facilitate the settlement of Native Land Claims without prejudice to Existing Surface and Subsurface Rights.

C & A = CHAMPAGNE AND AISHIHIK FIRST NATION
PRICE CENTS

NOTICE

THIS MAP IS ISSUED AS A PRELIMINARY GUIDE FOR WHICH THE DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT WILL ACCEPT NO RESPONSIBILITY FOR ANY ERRORS, INACCURACIES OR OMISSIONS WHATSOEVER.

WHITEHORSE JULY 2, 69

27 NOV 95
21 APR 92
08 SEP 92
03 JAN 92
02 SEP 91
01 OCT 90
01 OCT 89
01 OCT 88
01 OCT 87
01 OCT 86
01 OCT 85
01 OCT 84
01 OCT 83
01 OCT 82
01 OCT 81
01 OCT 80
01 OCT 79
01 OCT 78
01 OCT 77
01 OCT 76
01 OCT 75
01 OCT 74
01 OCT 73
01 OCT 72
01 OCT 71
01 OCT 70
01 OCT 69

