Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

900226

Exploration and Geological Services Division
#345-300 Main Street
Whitehorse, Yukon
Y1A 2B5

FAX 993-6568

TO: Russ Cranswick
Kennecott

FROM: Trevor Bremner

DATE: 1 Aug /94

PAGES TO FOLLOW: 6

SPECIAL INSTRUCTIONS:

OUR FAX NUMBER: (403)667-3198

Canada

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KENNECOTT CANADA INC.
P.O. BOX 31
DAWSON, Y.T.
Y0B 1G0

Phone: (403) 993-6465
Fax: (403) 993-6568

TO: Trevor Bremner DATE: Aug. 1/94

FROM: Russ Cranswick # PAGES: 1

MESSAGE: Thanks for the information, but I only received ~~the~~ four pages after the cover page I think I didn't get the main description of the Swamp Creek property.

Thanks,

Russ

WORK HISTORY (continued)

G. Hartley staked the Pud 1-2 (YB38074) and See 1-6 (YB38076) cl in Jun/93, and the Say 1-3 (YB38169) cl in Jul/93, and the Womp 1-20 (YB38198) cl in Aug/93. The Wind, Red, Ran, Well, Rag, Won, Get, Wine and Fox cl were transferred to Hartley and Associates Ltd. in June/93. G. Hartley and G. Almberg conducted a program of percussion drilling and trenching on the Red, Ran, Git, Well, Won, and Wine cl in July 1993.

The BME-A 1-10 and BME-B 1-6 cl (YB38391, YB46401) were staked by Charles G. Ireys in Sept/93.

In Oct/93, I. Warrick conducted a trenching program on the Reef 1-20 cl (YA78081), and C.G. Ireys conducted a stripping program on the Reef A, BME A and BME B claims.

GEOLOGY

More than 15 quartz veins are clustered into 7 zones within an area 730 m wide and 1370 m long on the DEA and Lori claims. The veins occur only in the Moosehorn Range granodiorite pluton, which is part of the Triassic Klotassin Batholith. Individual veins strike north to northwest, and dip 20-40° east. They have an average width of about 8 cm and have a tendency to pinch and swell. The quartz is milky white and weakly mineralized with coarse grained arsenopyrite, galena, boulangerite and sphalerite, all of which contain anhedral grains of native gold.

Three zones (B,C and D) drilled on the Dea claims intersected low-grade, discontinuous mineralization, from which the best assays were 257.1 g/t Au and 39.8 g/t Ag across 15 cm in Hole 16 on the B zone. A 118 kg sample from the D zone assayed 686.0 g/t Au and 434.9 g/t Ag across 8 cm. Two veins (M and A) drilled on the Lori claims returned discontinuous, low-grade values with the best holes (Nos. 2, 3 and 8) averaging only 5.1 g/t Au across a 1.2 m mining width.

The 1986 hand mining operation produced about 20 tonnes of ore which reportedly assayed about 140 g/t Au. Quartz vein float from the headwaters of Discovery Creek assayed up to 10.6 g/t Au. Claymore's 1976 placer mining operations on Kenyon Creek produced 60 185 g of raw gold (about 70% fine) from 9175 cubic metres of residual material.

The 1993 trenching on the Git claims exposed a mineralized structure over a strike length of over 300 metres, still open at both ends. The mineralized structure consists of vein quartz, altered silicified granodiorite and amphibole porphyry with strong wallrock carbonitization. Free gold occurs with arsenopyrite and lesser galena, sphalerite and rare malachite and azurite. Thirteen of 36 holes drilled during the percussion drilling program yielded gold values in excess of 600 ppb over a five foot thickness. Lode gold values were encountered in several intrusive rocks, [redacted] 884 ppb gold over 15 feet [redacted], and [redacted] 1544 ppb gold over 10 feet [redacted].

Moosehorn EPLP mined and milled 5.65 tonnes of material from the "M" vein resulting in 9.69 oz if raw gold. A sulphide concentrate resulting from the milling process assayed 11,784 opt.

Quartz veins on the Reef claims are narrow (<5 cm) parallel and gently dipping. Mineralization included galena, arsenopyrite, sphalerite, jamesonite and boulangerite, along with minor amounts of pyrrhotite, anglesite, cerrusite, chalcopyrite, molybdenite and calcite. Visible gold occurs withing the base metal sulphides.

REFERENCES

ARIES RESOURCES INC., Feb/78. Vancouver Stock Exchange Open File Report by A.D.K. Burton & C.K. Ikona.

GEORGE CROSS NEWSLETTER, 25 Jun/75; 18 Aug/75; 26 Nov/80

GREAT BEAR MINING LTD, Apr/74. Prospectus Report by R.J. Cathro.

GREAT BEAR MINING LTD, 1975. Vancouver Stock Exchange, Open File Report by D.H. Waugh and C.K. Ikona.

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Exploration and Geological Services Division
#345-300 Main Street
Whitehorse, Yukon
Y1A 2B5

FAX 604-684-8092
604-681-2741

TO: DARREL JOHNSON
PACIFIC SENTINEL GOLD CORP.

FROM: TREVOR BREMNER

DATE: 16 JULY/94

PAGES TO FOLLOW: 6

SPECIAL INSTRUCTIONS:

OUR FAX NUMBER: (403)667-3198

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PACIFIC SENTINEL GOLD CORP.

1020-800 W. Pender St.
Vancouver, B.C.
Canada V6C 2V6
Tel: 604 684-6365
Toll Free: 1 800 667-2114

Romulus
681-2741

FACSIMILE: (604) 684-8092

FACSIMILE TRANSMISSION

From: DARREL JOHNSON

Date: July 26 1994 Time: 12:05

To: TREVOR BREMNER

Attn:

Facsimile Number: 403.667.3198

Comment: SWEDE SWANE CALLED ME ABOUT HIS SWAMP CR. PROPERTY NEAR THE ALASKA BORDER. HE MENTIONED THAT YOU HAD SEEN THE PROPERTY, LIKED IT, AND COULD DISCUSS GEOLOGY AND POTENTIAL. PLEASE CALL ME SO WE CAN DISCUSS THIS. THANKS

Number of Pages (excluding this one): —

NOTE:

IF THIS TRANSMISSION IS NOT FULLY OR LEGIBLY RECEIVED, PLEASE TELEPHONE THE OPERATOR AT THE ABOVE NUMBER.

Sept 1/94

G. Hartley
Hartley and Associates Ltd
7302 118 a st
Edmonton
T6G 1V2

Exploration and Geological Services
Northern Affairs Program
Whitehorse Yukon
Fax 403-667-3198

Attn : W. Labarge, T. Bremner

Re; our conversation yesterday Aug 31
Attached is the minfile information, Moosehorn area, with slight revisions for publication.

The 1994 Exploration Program conducted by Hartley and Associates, apart from development and milling by Sikinni, included soil geochemistry, cat trenching, and 390 feet of Precussion Drilling in 10 holes.

I would appreciate a copy of your observations and written communications concerning this property.

Yours truly

Glenn S. Hartley P.Geol.

YUKON MINFILE
STANDARD REPORT
EXPLORATION AND GEOLOGICAL SERVICES DIVISION, DIAND
WHITEHORSE

NAME(S): Moosehorn
MINFILE #: 115N 024
MAJOR COMMODITIES: Au,Ag
MINOR COMMODITIES: Pb,Zn
TECTONIC ELEMENT: Northern Stikine Terrane
NTS MAP SHEET: 115 N 2
LATITUDE: 63°03'38"N
LONGITUDE: 140°55'07"W
DEPOSIT TYPE: Vein
STATUS: Drilled prospect

CLAIMS (PREVIOUS AND CURRENT)

DEA, LORI, PUP, PETE, BOY, JAN, TIP, SEAR, HUE, MUFF, KID, CALL, TAY, TER, ROB, CON, YUK, HILL, REEF, LODE, HIT, GIT, RAG, RED, RAN, WELL, WINE, WON, YTJV, JVYT, NOW, WIND, FOX, PUD, SEE, SAY, WOMP, BME-A, BME-B.

WORK HISTORY

Staked as DEA cl (Y38863) in Sep/70 by Quintana Mls Corp L, which conducted prospecting and geochem sampling. Restaked as DEA cl (Y66322) in May/72 by A. Harman and R.S. Adamson, who conducted a hand trenching program later in the year and staked additional claims in September. Restaked as DEA cl (Y78093) in Mar/74 by Great Bear Mg L, which performed an EM 16 survey later in the year and explored with mapping, geochem sampling, extensive bulldozer trenching and 19 holes (696.2 m) in 1975, and changed its name to Aries Res Inc. in 1977.

Claymore Res L tied on the Lori, etc cl (Y91938) covering the northwest extension in Feb/75 and explored with mapping, geochemical sampling, hand trenching, and 18 holes (624.8 m) later in the year and investigated and mined the associated placer gold in 1976-77. Aries sent a small shipment of gold ore to the Trail Smelter in 1980.

About 800 claims were fringe staked in Feb-Jul/75, including Pup cl (Y98655) by Sonic Ray Res L; Pete and Boy cl (Y98671) by Westwind ML; AVE cl (Y98597) by Manox Pet L; Jan cl (Y98621) by Charleston Res L; Tip cl (Y98697) by Canalta Res L; Sear cl (Y93165) by Amber Res L; Hue cl (Y92784) by Sproatt Silver ML; Muff cl (Y93189) by Highhawk ML; Kid cl (Y98753) by Northern Eagle ML; Boy and Kid cl (Y98745) by Citlec Mls L; Call cl (Y93143) by Geo-Dyne Res L; More cl (Y93846) by Envoy Res L; Tay cl (Y93241) by Cutlass EL; Win cl (Y92870) by Sonesta Res L; TER cl (Y92894) by Betina Res L; Rob cl (Y93213) by Gentry O & GL; Con cl (Y93267) by Golden Standard ML, and YUK cl (Y98882) by Bethlehem Copper, Highhawk ML and Claymore Res L. Dasher Dev L also held claims. Highhawk, Bethlehem, Envoy and Sproatt explored with mapping and geochemical sampling in 1975.

The southeast end (DEA) was restaked as Hill cl (YA75487) in Jan/83 by A. Mark. I. Warrick restaked the northwest end (Lori) as Reef cl (YA78081) in Aug/83 and trenched in 1984. R. Jury staked Lode cl (YA74581) 4.8 km SW in May/81 in conjunction with placer mining. B. Preston staked Hit cl (YA78169) 1.6 km north in Oct/83 and G. Hartley staked Git cl (YA77840) 3.2 km south in Jul/83 and added the Rag, Red and Ran cl (YA91530) in 1986, and the Well, Wine and Won cl (YB12670) in 1987. Hartley conducted prospecting and geological surveys on his property in 1988 and transferred the Git and Rag cl to G. Almberg. The Reef group was transferred to Moosehorn EL, which performed hand trenching in 1985, mining in 1986, bulldozer trenching and sampling in 1987 in conjunction with nearby placer mining and minor trenching in 1988 and 1989. Moosehorn performed further stripping and trenching on the Reef claims in 1992.

A.J. Branecky and B. Meisner fringed the Reef claims to the northeast and southeast with YTJV claims (YB27603) and JVYT claims (YB27708) in June and July, 1990 and prospected in 1991. Hartley added the Now (YB26466) and Wind (YB27350) claims in July, 1990, prospected and soil sampled, and attempted trenching on the Wind claims. C.G. Ireys staked 12 Reef-A claims immediately northeast of the Reef claims Mar/92.

Hartley and Almberg added Fox 1-4 cl (YB36935) west of the Rag, Now and Won claims in Jul/92.

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Exploration and Geological Services Division
#345-300 Main Street
Whitehorse, Yukon
Y1A 2B5

FAX 604-684-9831

TO: RON BRITTEN

FROM: TREVOR BROMNER
TEL: 403-667-3203
FAX: 403-667-3198

DATE: 1 SEPT/94

PAGES TO FOLLOW: 4

SPECIAL INSTRUCTIONS:

ON MAP SHEET 115N 2
SEE ALSO YUKON MINFILE RECORD 115N 024
- LET ME KNOW IF YOU NEED ONE.

OUR FAX NUMBER: (403)667-3198

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PROVISIONAL MAP
115 N/2

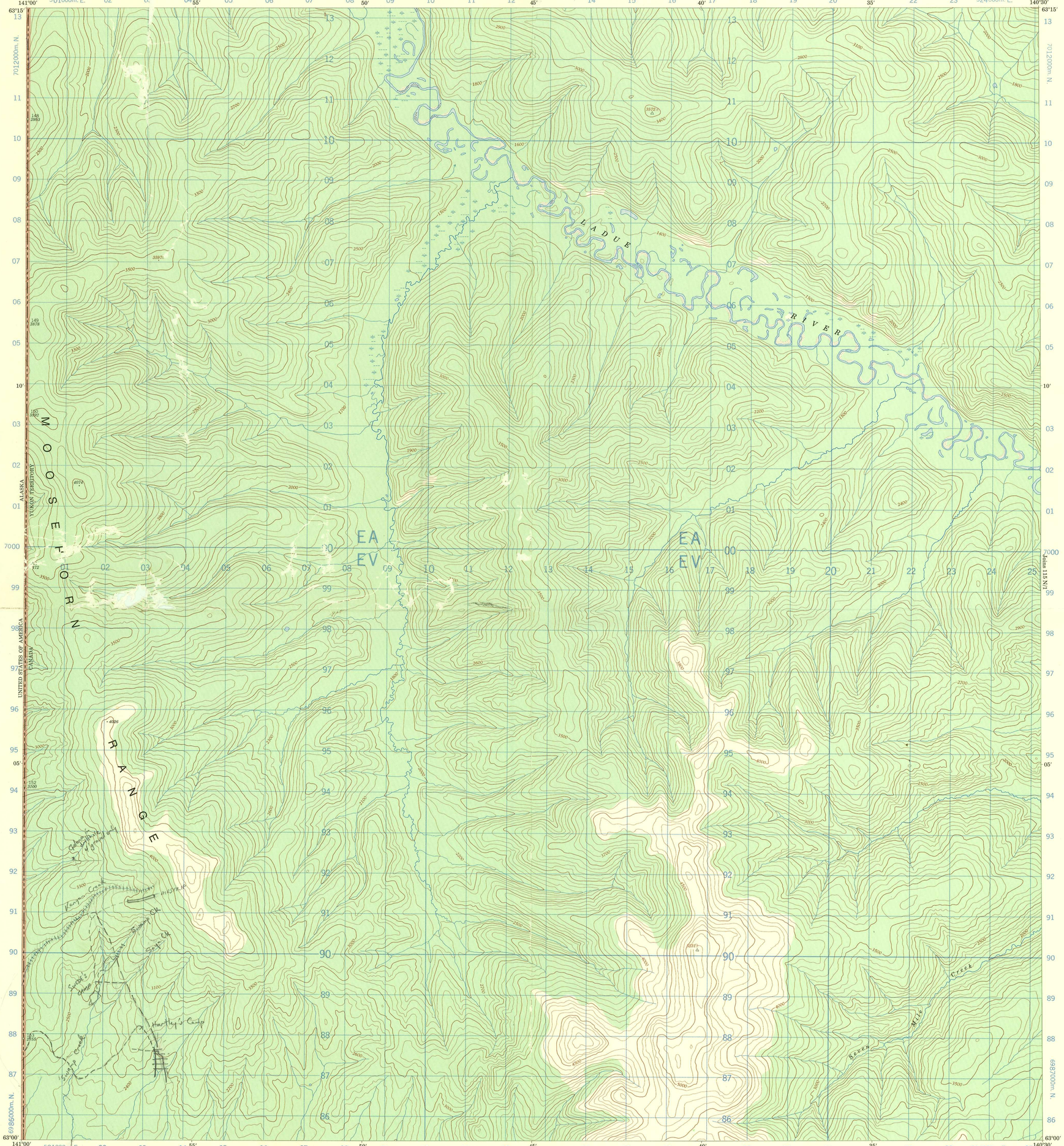
CANADA

1:50,000

EDITION 1

CARTE PROVISOIRE
115 N/2

Joins 115 N/7



Refer to this map as: 115 N/2 EDITION 1 MCE SERIES A 722

CONVERSION SCALE FOR ELEVATIONS
Feet 30 20 10 0
Metres 100 50 0 100 200 300 400 500 600 700 800 900 1000

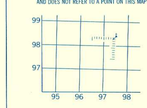
T.N.
0°13′ or 4 Mils
30°29′ or 542 Mils
Grid North
Magnetic North

Use diagram only to obtain numerical values.
APPROXIMATE MEAN DECLINATION 1968
FOR CENTRE OF MAP
Annual change decreasing 3.2′

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 7

GRID ZONE DESIGNATION	100,000 M. SQUARE IDENTIFICATION
7 V	EA / EV, 70, 5

EXAMPLE OF METHOD USED
TO GIVE A REFERENCE TO NEAREST 100 METRES
THE FOLLOWING GRID REFERENCE IS A SAMPLE ONLY AND DOES NOT REFER TO A POINT ON THIS MAP



REFERENCE POINT	CHURCH (as above)	
EASTING: Read number on grid line immediately to left of point	97	
Estimate tenths of a square from this line eastward to point		5
	975	
NORTHING: Read number on grid line immediately below point	98	
Estimate tenths of a square from this line northward to point		4
	984	

EXAMPLE MILITARY GRID REFERENCE 975984

Nearest similar grid reference 100,000 metres (about 63 miles)

Produced, 1968, by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES, from aerial photographs taken in 1960 and 1965. Field surveys 1965. Printed 1970.

Copies may be obtained from the Map Distribution Office, Department of Energy, Mines and Resources, Ottawa.

Établie en 1968, par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, d'après des photographies aériennes prises en 1960 et 1965. Levés sur le terrain en 1965. Imprimée en 1970.

Ces cartes sont en vente au Bureau de distribution des cartes, ministère de l'Énergie, des Mines et des Ressources, Ottawa.

inches 0 1 2
0 1 2 3 4 5 centimetres

YUKON GEOLOGICAL SURVEY

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

LADUE RIVER
YUKON TERRITORY

Scale 1:50,000 Échelle

Miles 1 0 1 2 3 Milles
Metres 1000 0 1000 2000 3000 4000 Mètres
Yards 1000 0 1000 2000 3000 4000 Verges

This Provisional Map is equivalent to a standard map in accuracy of content.

Some names on this map are not yet official. Corrections or additions are invited by the Surveys and Mapping Branch.

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

Cette carte provisoire équivaut une carte régulière au point de vue précision de l'information.

Certains noms inscrits sur cette carte ne sont pas encore officiels. La Direction des levés et de la cartographie saurait gré au public de lui signaler corrections et additions.

ÉQUIDISTANCE DES COURBES 100 PIEDS
Élévations en pieds au-dessus du niveau moyen de la mer
Système de référence géodésique nord-américain 1927
Projection transverse de Mercator

115 N/2
EDITION 1