

ATLAS EXPLORATIONS LIMITED

(N. P. L.)

330 MARINE BUILDING
355 BURRARD STREET
VANCOUVER 1, B.C.

014722

July 26th, 1969.

INTERIM PROGRESS REPORT- HESS OEX

Field Work Progress

The Hess OEX Camp at Big Kalzas Lake was visited during the period July 22nd to July 25th. All work to date was reviewed in order that a critical analysis be made of results and progress to date.

A summary of coverage has been presented on copies of 1 inch to 4 mile topographic maps where drainage investigated by geochemical silt sampling, areas prospected, areas mapped geologically and geochemical anomalies followed up with detailed surveys have been outlined. Notes to accompany the maps have been prepared as well.

Work carried out during the 1969 field season has been shown on the 4 mile maps, however, lack of geochemical results for the Mt. Aho, Bob Group areas, as well as portions of the Big Kalzas Lake area, do not permit evaluation of such at this date. The reader is referred to the June, 1969 Progress Report for Hess OEX as well as the forthcoming July 1969 Progress Report for further details on specific areas of interest.

Presentation of areas covered will be brought up to date periodically by amendment of the 4 mile compilation maps.

Respectfully submitted,

J. S. Brock,
Vice-President Exploration

LANSING - 105-N

- 105-N-1 1967 - Geochemical soil traverses
 - Anomalies 1 and 2, no follow-up
- 105-N-2 1967 - Soil sampling in 1967 season.
- 1969 - Prospecting Area 105-N-2-A - follow-up on anomalies 3, 4, 5 to check:
 - proximity to quartz-monzonite stock
 - proximity to Proterozoic-Paleozoic contact
 - high Pb anomaly, number 3
 Sanford - June 20-25:
 Carried out contour soil sampling, detailed silt sampling and geologic mapping.
- 1968 - Prospecting Area 105-N-2-B,
 Prospecting by Skonseng on recommendation of A. E. Aho and Skonseng report of chalcopyrite mineralization. No conclusive results.
- 105-N-3 1967 - Anomaly 20 - no examination planned
 Anomaly 21, no examination planned.
- 105-N-4 1969 - Geologic evaluation to be made prior to any planned geochem and prospecting.
- 105-N-5 1968 - Sediment sampling.
 Anomalies 22-26, high Pb around 24 are of interest, no work planned for 1969.
- 1968 - Prospecting Area 105-N-5-A - Dean and Ladue - scheelite and minor sulphides. No further work recommended.
- 105-N-6 - Sediment sampling done in 1968
 - Of interest anomalies 34-36:
 - proximity to quartz-monzonite stock
 - high Cu and Pb values
 - coincident anomalies.
- 1969 - Prospecting Area 105-N-6-A - Sanford, Ladue.
 - Soil samples taken on either bank of drainage in vicinity of anomalies.
 - No positive results.
- 105-N-7 1967 - Contour soil sampling - results negative
 1968 - Stream sediment sampling.
- 1968 - Prospecting Areas 105-N-7-A and 105-N-6-B where covered by Brodell and Etzel during 1968, disseminated pyrite, pyrrhotite and minor

- 105-N-7
(Cont'd.) chalcopyrite. No further work recommended
this area as well as on anomalies 42, 43, 50
and 51.
- 1969 - Follow-up planned on anomaly 52 near
Peak 6543.
- 105-N-8 1967 - Contour soil sampling
1968 - Some sediment sampling
- 1969 - No work planned, possible investigation
of anomalies 61 and 62 dependent on
follow-up results around Bob Group - Mt.
Aho area.
- 105-N-9 1967 - Contour soil sampling, staking of Bob Group
1968 - Silt sampling, geologic mapping 1 inch to
1 mile - Mt. Aho Area
- Prospecting Area 105-N-9-A - by Sanford,
Claridge, Dean during 1968 - some mapping,
gossan checking and silt sampling.
- 1969 - Further silt sampling West Lake area and
north portion 105-N-9.
- Prospecting Area 105-N-9-B - by Sanford,
Etzel, Francis, geologic mapping of Bob
Group and area on strike.
- Grey Claims: Staked on Pb geochem by Sanford
in follow-up on 1969 silt sampling. Some
galena veins located in prospecting by Etzel.
Prospecting Area 105-N-9-C.
- 105-N-10 1968 - Silt sampling of drainages.
- Prospecting areas 105-N-10 - South Lansing
Range by Dean - no mineralization of economic
significance.
- 1969 - Anomalies 94, 95, 96 followed up by contour
soil sampling near headwaters of south flowing
stream, also silt sampling of north flowing
drainage, detailed geologic mapping (¼ mile)
of area.
- Work on anomalies 94, 95, 96 within Area D
(105-N-10-D).

- 105-N-10
(Cont'd.)
- Area 105-N-10-E - follow-up on geochem anomaly 90, magnetic survey over 1200 baseline (E-W), 400 spaced cross lines (1000 ft. long). Geochem soils taken as well - no conclusive survey results. Limited geologic mapping.
- All other anomalies either prospected in 1968 or not considered worth investigating in 1969.
- 105-N-11
- 1967 - No work in area.
 - 1968 - Geochemical silt sampling and detailed prospecting of Area A (105-N-11-A) which included investigation and mapping of gossan areas (Vole Creek Area).
 - 1969 - Area 105-N-11-B - follow-up on anomaly 102 - contour soil sampling, stream sediment check sampling, detailed geologic mapping.
 - Area 105-N-11-C - contour soil sampling, mapping - some porphyry and minor insignificant sulphides found in area of geochem anomaly 114.
 - Area 105-N-11-D - follow-up in areas of geochem anomaly 106-107 - contour soil sample lines.
- 105-N-12
- 1968 - Silt sampling and prospecting in Area A.
 - 1969 - Anomaly 116 covered by Area 105-N-12-B, geochemical soil sampling, geologic mapping.
- 105-N-13
- No work - no work planned.
- 105-N-14
- No significant anomalies, no further work planned.
- 105-N-15
- Thoroughly prospected in 1968, no other work planned.
- 105-N-16
- Silt sampling done during 1969.

TAY RIVER - 105-K

- 105-K-9 1968 - Geochem stream sediment sampling, anomalies 172-176 outlined in vicinity of "TEDDY STOCK".
- 1969 - Area 105-K-9-A - geochemical re-sample work and geologic mapping. No mineralization, no additional geochem anomalies.
- 1969 - Area 105-K-9-B - 1"= ½ mile mapping (geologic) in vicinity Laforce Lake.
- Anomalies 177, 178, 179, 181, 182, 183, 184 and 185 not re-sampled as per 1968 report recommendations.
- 105-K-13 1969 - Area A
 Prospecting and geochemical sampling of numerous gossan and alteration zones.
 - High Pb geochem considered for follow-up.
- 105-K-15 1968 - Geochemical silt sampling, anomaly 189-high Cu - no follow-up.
- 105-K-16 1967 - Soil sample traverses - staking LAD CLAIMS.
 1968 - Lad Claims development
 - Further silt sampling.
- 1969 - Follow-up to be done from LAD Camp.
 Mapping continued 1"= ½ mile of mineralized belt southeast of South Macmillan River.
 - All tributaries of Ridell River sampled.

SHELDON LAKE - 105-J

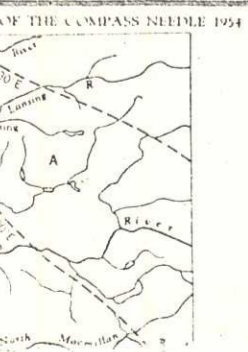
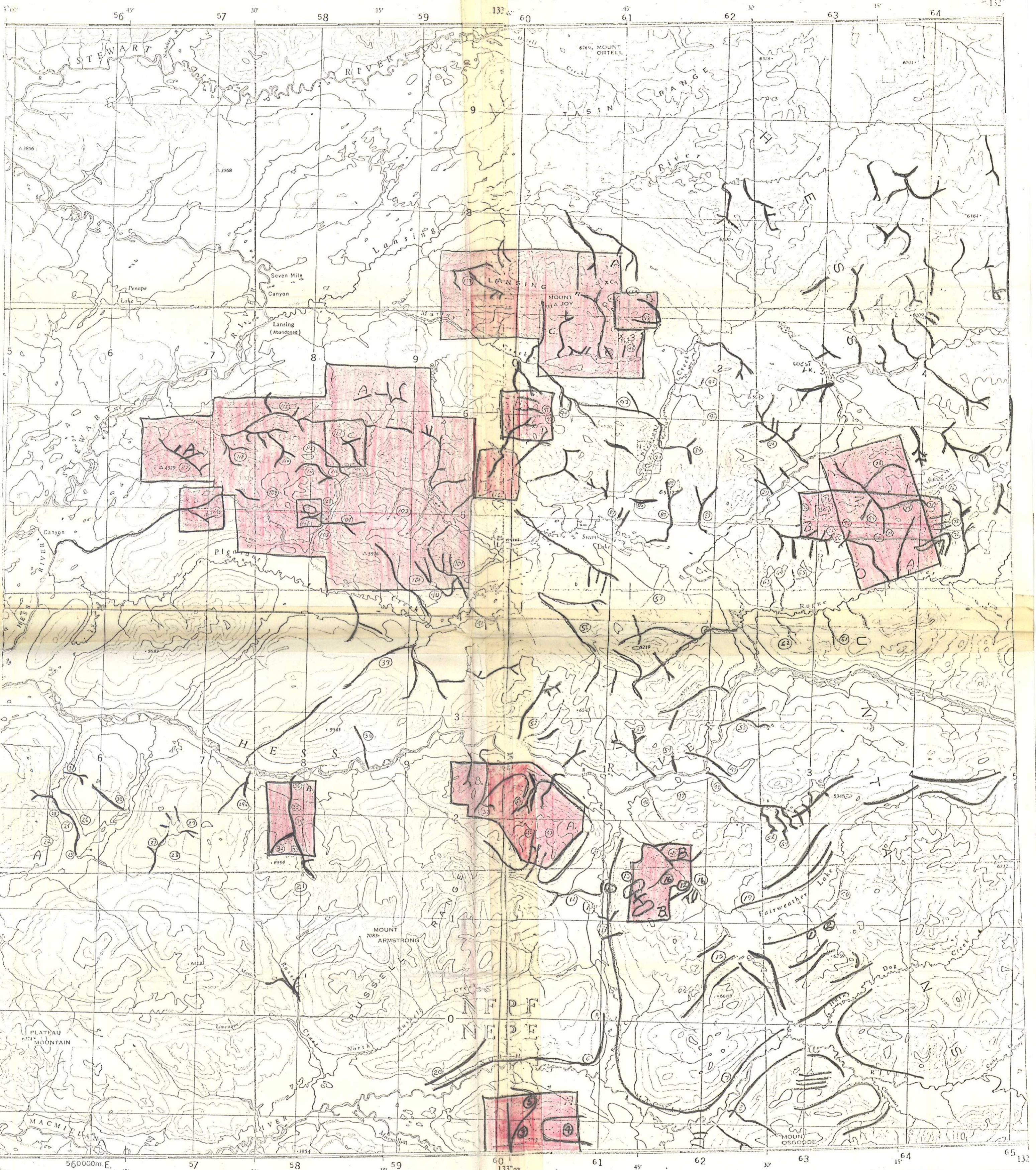
- 105-J-12 1969 - Areas B and C, geologic and geochemical follow-up of Pb geochem anomalies, no results.
- Area A - detailed geologic mapping by D. Francis 1"= ¼ mile.
 - 2 claim groups staked MAY and BOX Claims.
 - Area prospected by Brodell and Etzel.
 - Silt sampling.
 - MAY Group - 17,000 ft. line cut
200 soil samples.
 - BOX Group - 3,000 ft. line cut
60 soil samples.
- 105-J-13 1969 - Area A - geological and geochemical contour soil sampling in vicinity of high Pb. anomaly detected in 1968.
- Also silt sampling of drainages on the southern flank of Spearhead Mountain (6923) vicinity of major fault zone and possible location of Cu, Pb mineralization associated with two quartz-monzonite stocks.
- Area B - sampling in vicinity of aeromagnetic anomaly where known porphyry copper mineralization found.

NIDDERY LAKE - 105-0

105-0-12 1969 - Mapping and sampling around quartz
monzonite intrusives.

MAYO - 105-M

105-M 1969 - Work to date has taken place during the period July 15th to date. Coverage has consisted principally of stream sediment sampling and prospecting in areas of gossans and alteration as spotted from previous airborne recce by Coates. Areas prospected so far have not revealed any mineralization of interest and results on analysis of stream sediments so far have not outlined any geochemically anomalous areas. Enough material and coverage should be made within two weeks to critically evaluate the Mayo Sheet within the Big Kalzas Area.

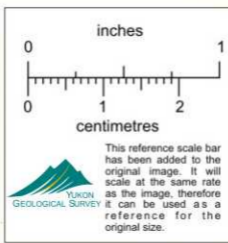


Produced by the Surveys and Mapping Branch,
Dept. of Mines and Technical Surveys, 1954,
from air photographs taken in 1949.
Printed by the Army Survey Est., R.C.E., Dept.
of National Defence, 1955.

REFERENCE

- Wagon or Winter Road
- Trail or Portage
- Village or Settlement
- Post Office
- Building or Cabin
- Horizontal Control Point
- Astronomical Position

Universal Transverse Mercator Projection.



LANSING
YUKON TERRITORY

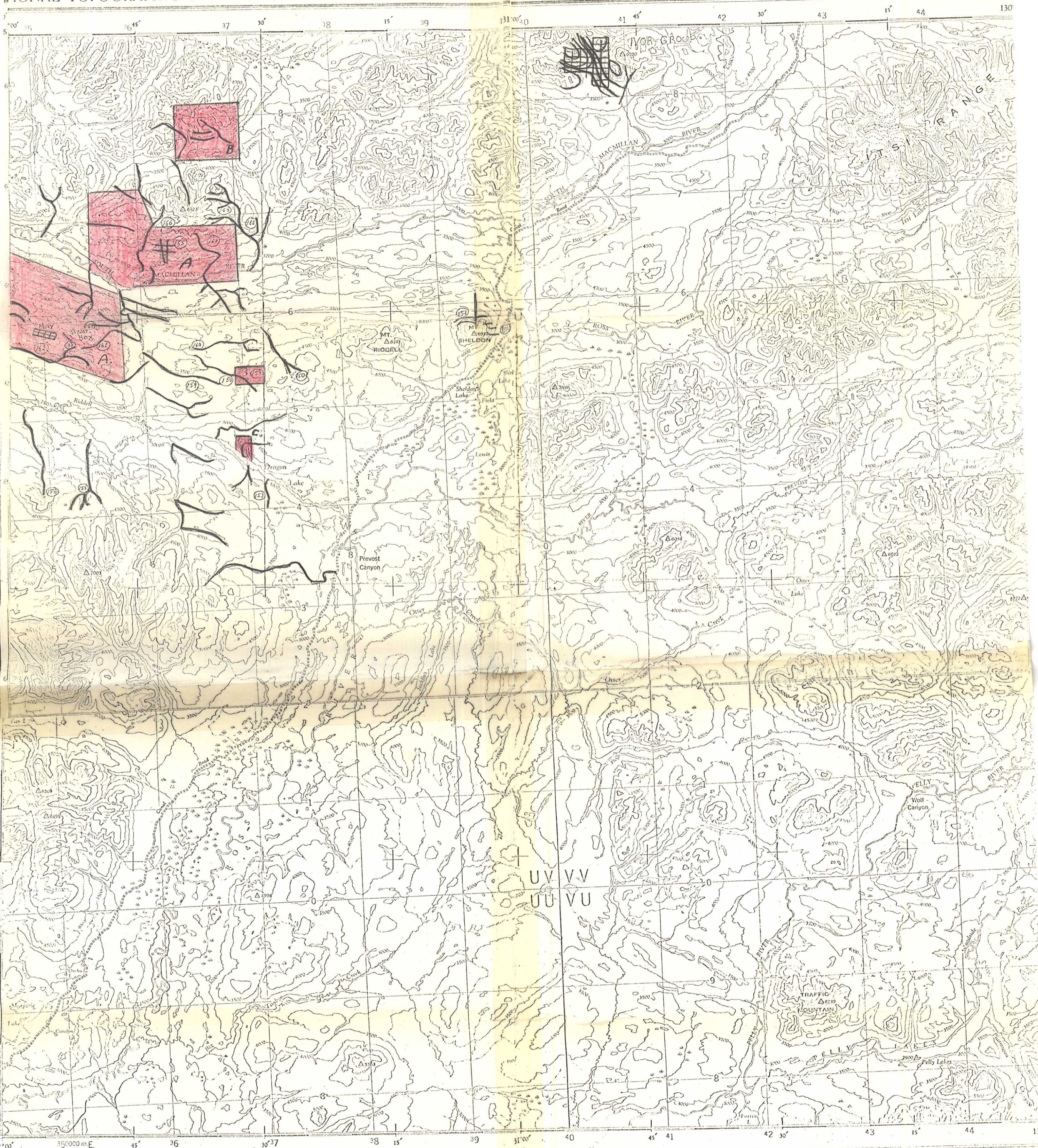
Scale 1:250,000
1 Inch to 4 Miles Approximately

Contour interval 500 Feet
All Elevations in Feet above Mean Sea Level.
North American Datum 1927.

REFERENCE

- Contours Elevation
- Contours Depression
- Contours Approximate
- Stream, intermittent or Dry
- Rip-rap and Falls
- Highway
- Spur Road or Trail

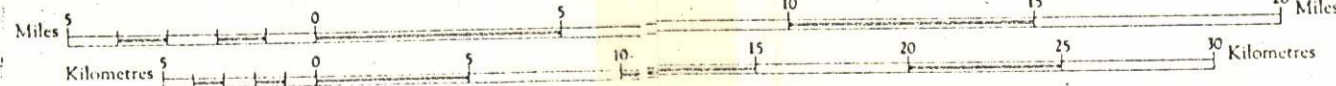




Surveyed, compiled, drawn and printed by the ARMY SURVEY ESTABLISHMENT R.C.E., 1949-51.
Aerial photography by R.C.A.F., 1949.

Universal Transverse Mercator Projection.

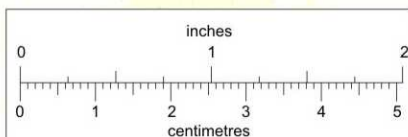
Scale: 250,000
1 Inch to 4 Miles Approximately



Contour Interval 500 Feet.
All Elevations in Feet above Mean Sea Level.

REFERENCE

Road, Hard Surface, All Weather	More than 2 Lanes	Partially Covered
.. Hard Surface, All Weather	2 Lanes, Road No.	Less than 2 Lanes
.. Loose Surface, All Weather	More than 2 Lanes	2 Lanes
.. Loose Surface, Less than 2 Lanes	All Weather	One Weather
Railway, Multiple Track	.....	.....
.. Single Track	.....	.....
River, Lacey, Intermittent	.....	.....
.. Presence of State	.....	.....
.. County or District	.....	.....
.. Reservation, Indian, Military, Park, etc.	.....	.....



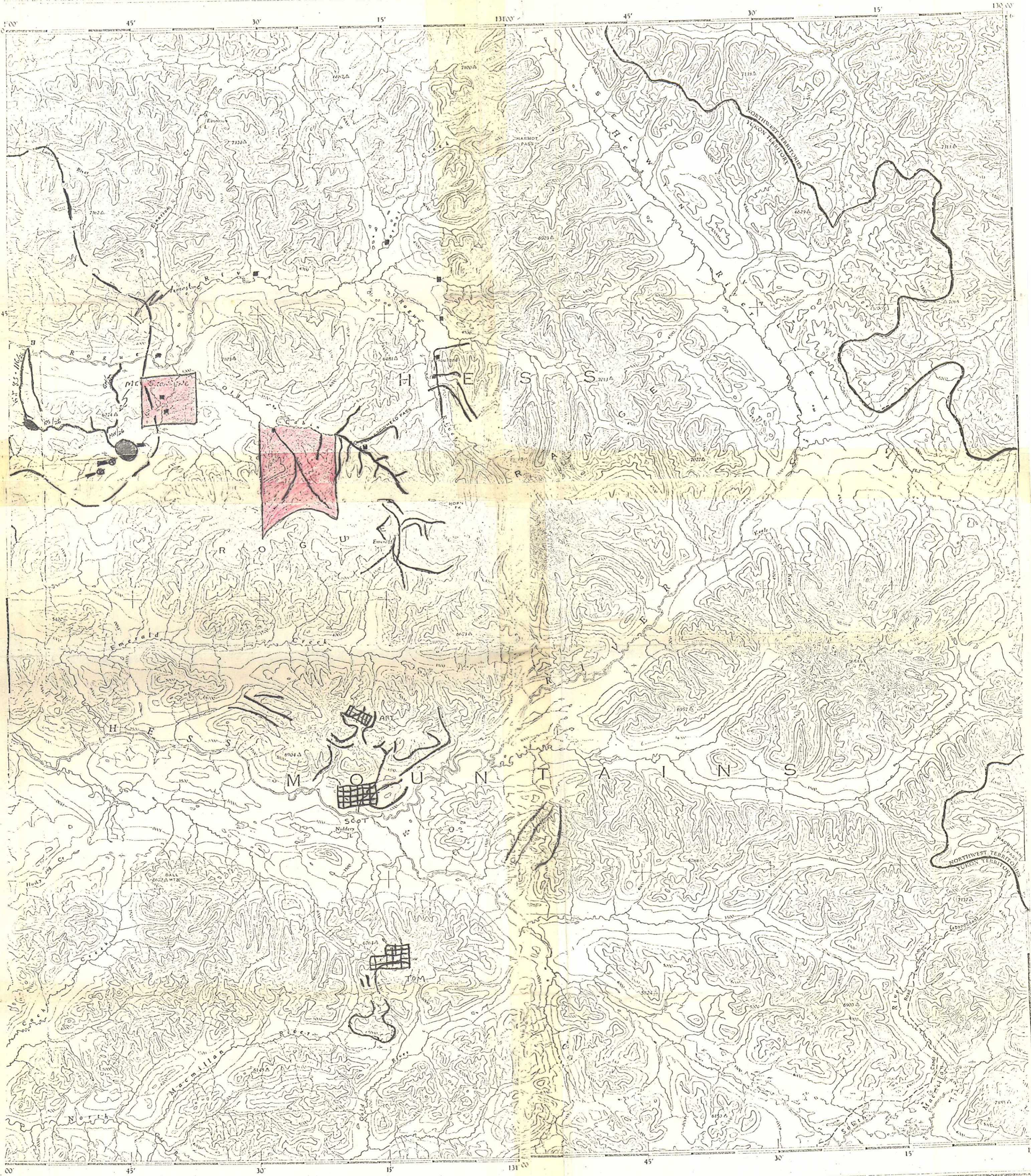
YUKON GEOLOGICAL SURVEY
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

REFERENCE

Triangulation Station	.....	Spot Elevation, in feet	.....	257
Contours, Elevation	.....	Washed Areas	.....	.....
.. Depression	.....	Swamp or Marsh	.....	.....
.. Approximate	.....	.....	.....	.....
Stream, Intermittent	.....	Navigation Light	.....	.....
.. Iron	.....	.. Lulls	.....	.....
.. Auriferous, on bank	.....	Elevation in Feet	.....	.....
.. Main Electric Power Line

105 N	105 W	S.L.
105 N	105 W	S.L.
105 N	105 W	S.L.
105 N	105 W	S.L.
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SHELDON



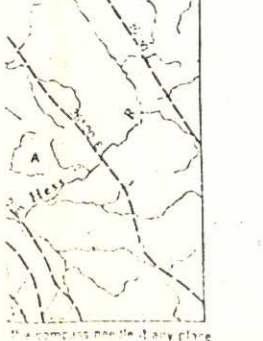
OF THE COMPASS SURVEY 1957

Produced and printed by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF MINES AND TECHNICAL SURVEYS, 1958; from air photographs taken in 1949 and 1954.

Universal Transverse Mercator Projection

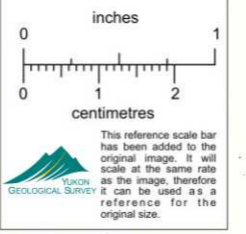
Contour interval 500 Feet
Elevations in Feet above Mean Sea Level
North American Datum 1927.

Copies may be obtained from the Map Distribution Office, Department of Mines and Technical Surveys, Ottawa, at 25 cents ea. h.



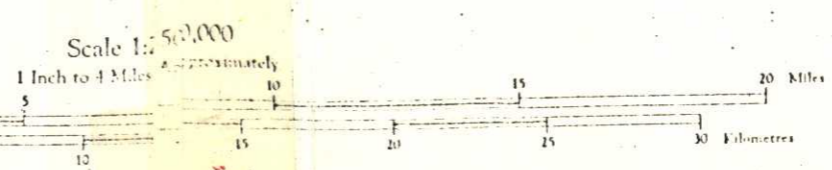
REFERENCE

Wagon or winter road	---
Trail or portage	.....
Boundary provincial	-----
Village or settlement	O
Post office	P
Building or cabin	■
High point or center point	▲
Astronomical position	△
Spot elevation (in feet)	2905



NIDDERY LAKE

YUKON TERRITORY - NORTHWEST TERRITORIES



REFERENCE

Streams	---
Highways	---
Contours	---
Spot elevations	---
Spot elevations (in feet)	---

