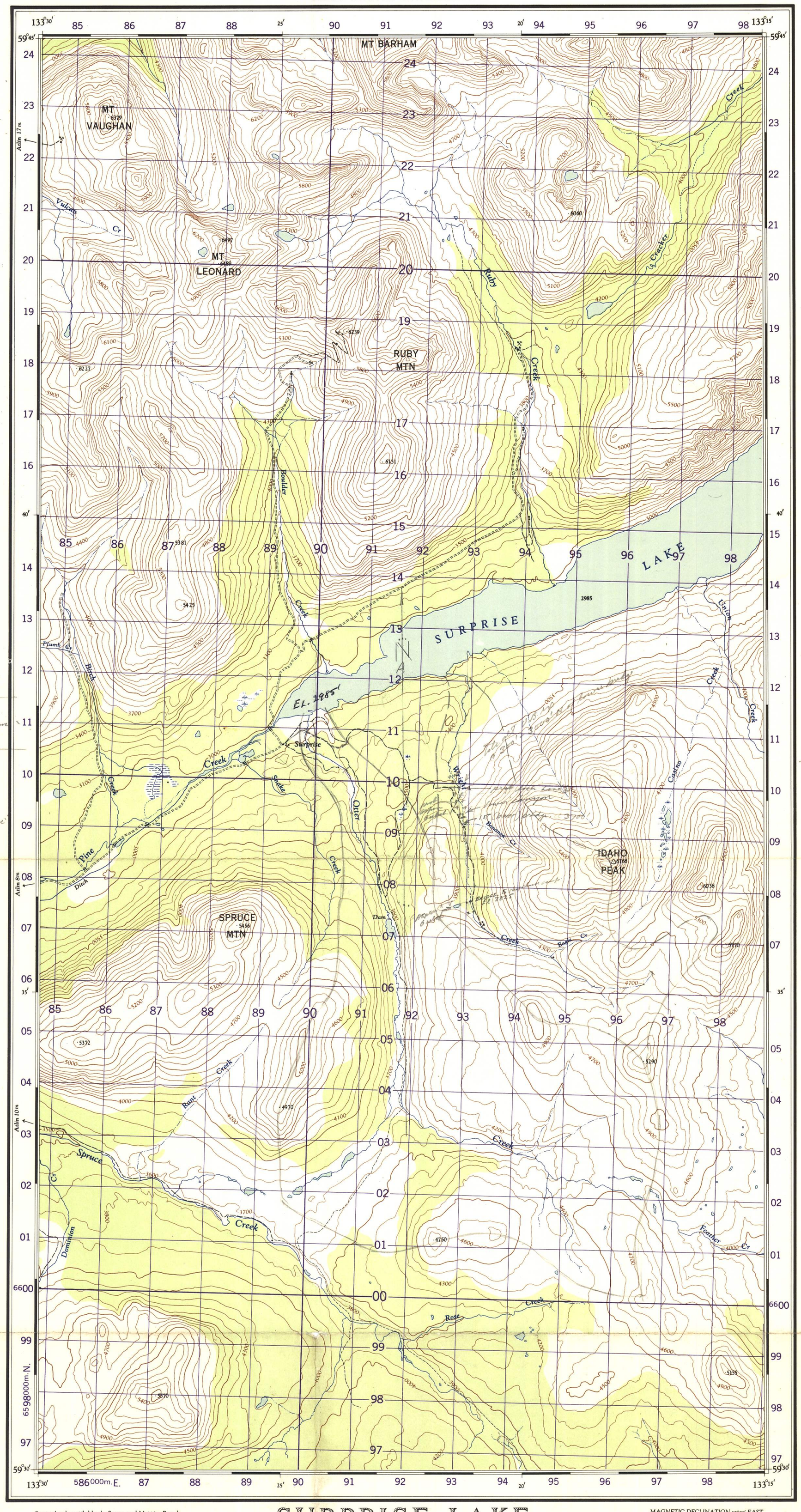
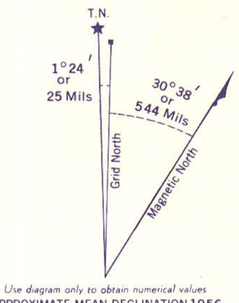
Refer to this Map as :	104 N/11 West Half EDITION 1 ASE SERIES A 721

DEPARTMENT OF NATIONAL DEFENCE

NATIONAL TOPOGRAPHIC SERIES 1:50,000 ARMY SURVEY ESTABLISHMENT *FIRST EDITION* CANADA, SHEET 104 N/11 WEST HALF





Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION 1956
FOR CENTRE OF SHEET
Annual magnetic change 4' westerly

Surveyed and compiled by the Surveys and Mapping Branch, Department of Lands and Forests, British Columbia, 1952. Drawn and printed by the Army Survey Establishment, R.C.E, 1955-56.

SURPRISE LAKE

CASSIAR DISTRICT
BRITISH COLUMBIA

Scale 1:50,000 ← 1.26" = 1 mi.
1.25 Inches to 1 Mile approximately

1 ← 1" = 0.792 mi = 4182'
0.1" = 418'

MAGNETIC DECLINATION 32°02' EAST
AT CENTRE OF MAP, 1956
Annual magnetic change 4' westerly

Contour Interval 100 Feet
Elevations in Feet above Mean Sea Level.

Universal Transverse Mercator Projection
North American Datum 1927

TO GIVE GRID REFERENCE ON THIS SHEET			
FIGURES, IGNORE the SMALLER figures printed around the margin of the map. These are for finding the full co-ordinates. USE ONLY THE LARGER FIGURES PRINTED IN THE MARGIN OR ON THE FACE OF THE MAP. Viz. 586			
POINT BRIDGE			
FOR STANDARD MILITARY GRID REFERENCE			
East		North	
Take West edge of square in which point lies, and read the figure printed opposite this line on North or South margin or on the line itself on the face of the map. Estimate tenths Eastwards	89	Take South edge of square in which point lies, and read the figure printed opposite this line on East or West margin or on the line itself on the face of the map. Estimate tenths Northwards	12
	8		7
East	898	North	127
STANDARD MILITARY GRID REFERENCE	898127 (To nearest 100 Metres)		
Nearest similar grid reference 100,000 Metres (Approximately 63 Miles)			

location traverse from pot hole to Shaftbury Cr. bridge
pothole – Shaftbury = N74E, 422' = 0.1"
RT hand 90° offset = 44' = 0.01"
Shaftbury end – to bridge = N60E, 280' = .066"

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 8

inches 0 1 2
centimetres
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.

CONVERSION SCALE FOR ELEVATIONS
Metres: 30 20 10 0 50 100 150 200 250 300
Feet: 100 50 0 100 200 300 400 500 600 700 800 900 1000

REFERENCE

Roads:
- hard surface, all weather — more than 2 lanes
- hard surface, all weather — 2 lanes — Route No. 18 — less than 2
- loose surface, all weather — 2 lanes wide or more
- " less than 2 lanes — all weather — dry weather
- Cart Track, Trail — Cart Track — Trail

Railways:
- normal gauge, multiple track — Station
- normal gauge, single track — Stop
- abandoned, or under construction — Siding
- narrow gauge, single track
- Bridge, underpass or overpass
- Tunnel

- Boundary, International
- " Province
- " County or District
- " Township or Parish
- " City or Town
- " Reservation, Indian, Military, etc
- Power Transmission Line
- Telephone or Telegraph, trunk route
- Horizontal Control Point
- Boundary Marker
- Bench Mark — BM 3025'
- Spot Elevation, (in feet) — 4582
- Mine or Pit

REFERENCE

- House, Building
- School
- Church
- " with conspicuous Tower or Spire
- Post Office
- Tower, Radio Mast, Lookout, etc.
- Cemetery — Cem
- Quarry
- Sand or Gravel Pit
- Cliff
- Cutting
- Embankment
- Dry River Bed
- Lighthouse
- Wharf or Pier
- Foreshore Flats — Mud
- Swamp or Marsh
- Lake or Pond, intermittent
- Glacier or Snowfield
- Stream, intermittent indefinite
- Irrigation Canals, Ditches
- Inundated Land, seasonal
- Contours, elevation — 500 400
- " depression — 500 400
- " approximate — 500 400
- Forest, unclassified

134°00' 60°00'		133°00'	
104 N/13 MINTO MTN	104 N/14	104 N/15	
104 N/12 ATLIN	104 N/11 SURPRISE LAKE	104 N/10	
59°30' 104 N/5 TERESA ISLAND	104 N/6 O'DONNEL RIVER	104 N/7 BELL LAKE	

800767

SURPRISE LAKE
104 N/11 WEST HALF
EDITION 1 ASE

Apr 25/73 – E½ not avail, but not urgently req'd.