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SILVERPEAK EXPLORATION CORPORATION LTD.

A REPORT ON
THE TAC CLAIM GROUP

SHELDON LAKE AREA, YUKON TERRITORY

December 1970

Ian Turnbull

INTRODUCTION:

Subsequent to a reconnaissance of the east Anvil Range area undertaken by Dr. D.C. Findlay in June 1970, a fly camp was established on an outlying intrusive body and a field examination made of this stock.

During the period 7-10 August, the drainage of the area was silt sampled and the stock otherwise generally prospected.

Sixteen claims - the Tac Group - were located on August 10th.

LOCATION AND ACCESS:

The claims lie on the northern flank of an unnamed intrusive, identified by a spot height of 5563 feet.

The intrusive is some 22 miles east of the Canol Road and Marjorie Lake. Latitude 62° 04', longitude 131° 20'. Access is by helicopter, generally from Ross River.

CLAIM STATUS: Tac Claim Group.

<u>Claim No.</u>	<u>Record No.</u>	<u>Staker</u>	<u>Date Staked</u>	<u>Date Recorded</u>	<u>Mining Division</u>
1-8	Y42922-29	T. Altenburg	10.8.70	26.8.70	Watson Lake
9-16	Y42894-901	I. Turnbull	10.8.70	18.8.70	Watson Lake

GEOCHEMISTRY: STREAM SILT SAMPLING

Forty silt samples were collected from the area and analysed for totals Cu, Mo, Pb, Zn and Mn.

Results:

One anomalous copper sample was obtained in the northeastern part of the area. Silt sampling in June had picked up two anomalous silts in a creek to the west. These were not confirmed.

Molybdenum values of 3 p.p.m. were obtained from samples in the vicinity of the molybdenum mineralization, as against a background of 2 p.p.m. These cannot, however, be considered significant.

GEOLOGY AND MINERALIZATION:

The claims cover a pluton comprising pale cream to grey medium grained biotite granodiorite. There is widespread but weak chloritic alteration. These are occasional feldspar porphyry dykes cutting the intrusive. To the north of the claim block the intrusive is in contact with a rusty quartz sericite schist. This latter is frequently intersected by quartz veins and veinlets.

Float was located in which fairly coarse molybdenite occurs both disseminated in the granodiorite and associated with small quartz veins cutting the intrusive.

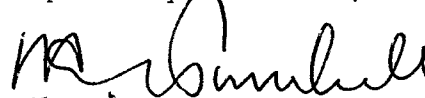
No mineralization was located in place.

A strong tectonic feature is apparent, on the air photo of the pluton, in the neighbourhood of the mineralized float.

CONCLUSIONS AND RECOMMENDATIONS:

1. Sixteen mineral claims were located to cover an area of associated mineralized float and an altered intrusive stock.
2. A geochemical survey failed to substantiate or delineate any anomalous areas.
3. Further work is warranted to locate the source of this float.

Respectfully submitted,



Ian Turnbull.

17 December 1970

ATTACHED PLANS:

- | | |
|------------------------------------|---------------|
| 1. Property location | 1" : 4 miles |
| 2. Claims Plan | 1" : 1/2 mile |
| 3. Geology | 1" : 1/2 mile |
| 4. Silt Sample Location Plan | 1" : 1/2 mile |
| 5. Drainage Geochem. Cu.Mo. | 1" : 1/2 mile |
| " " Pb.Zn. | 1" : 1/2 mile |
| " " Mn | 1" : 1/2 mile |



TAC CLAIM GROUP
SHELDON LAKE AREA
YUKON

Scale 1:24 mile
Oct. 1970

694
30'
693
692
6'
15'
690
689
688000 m N
132°00'

350000 m E 45' 36' 30' 37' 38' 15' 39'

3500

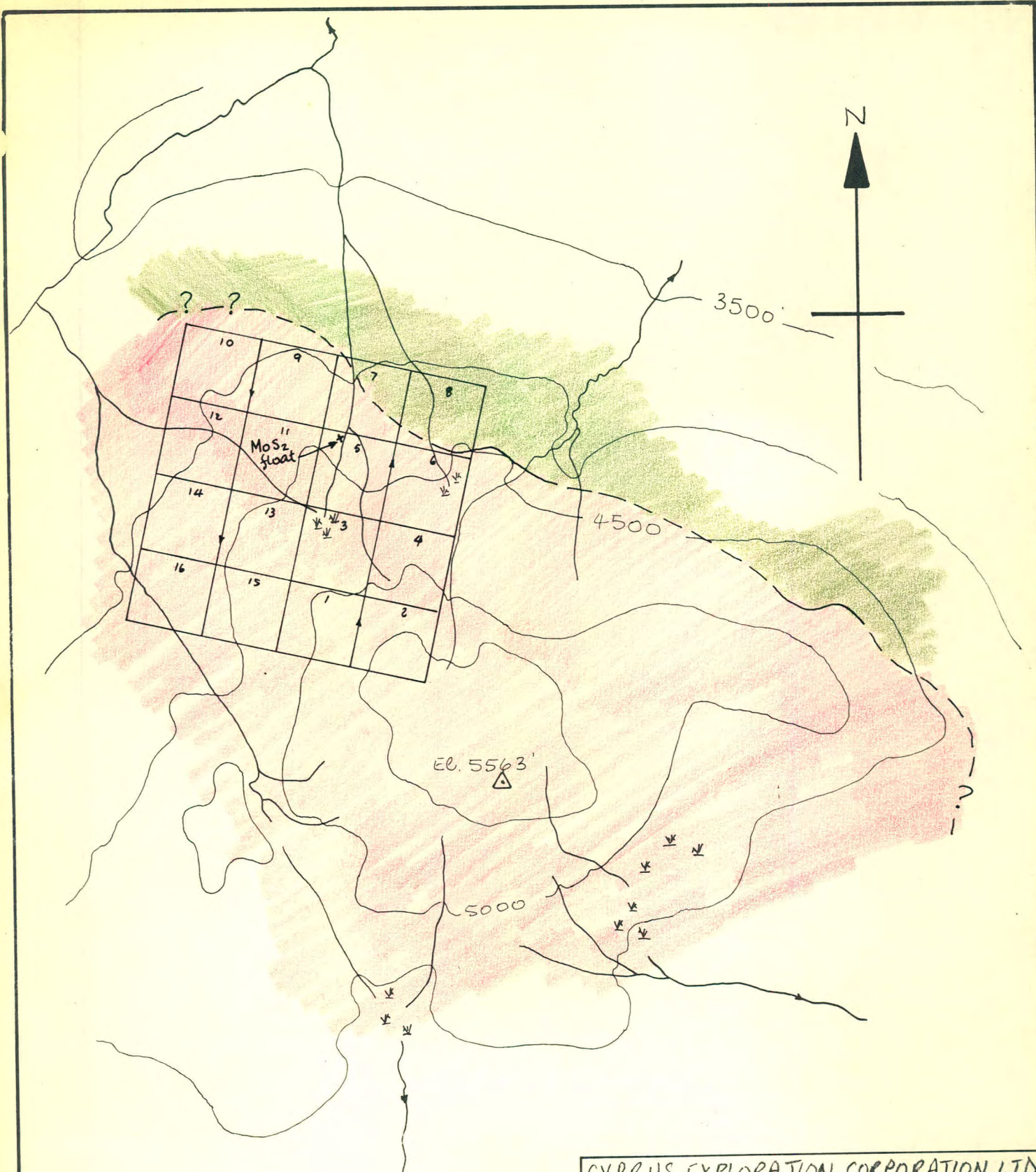
10	9	7	8
Y42895	Y42894	Y42928	Y42929
12	11	5	6
Y42897	Y42896	Y42926	Y42927
14	13	3	4
Y42899	Y42898	Y42924	Y42925
16	15	1	2
Y42901	Y42900	Y42922	Y42923

4500

5563



5000



- medium grained biotite granodiorite
- quartz sericite schist, numerous quartz veins. Extensive iron oxide stain.

Refer Airphoto A12186-178

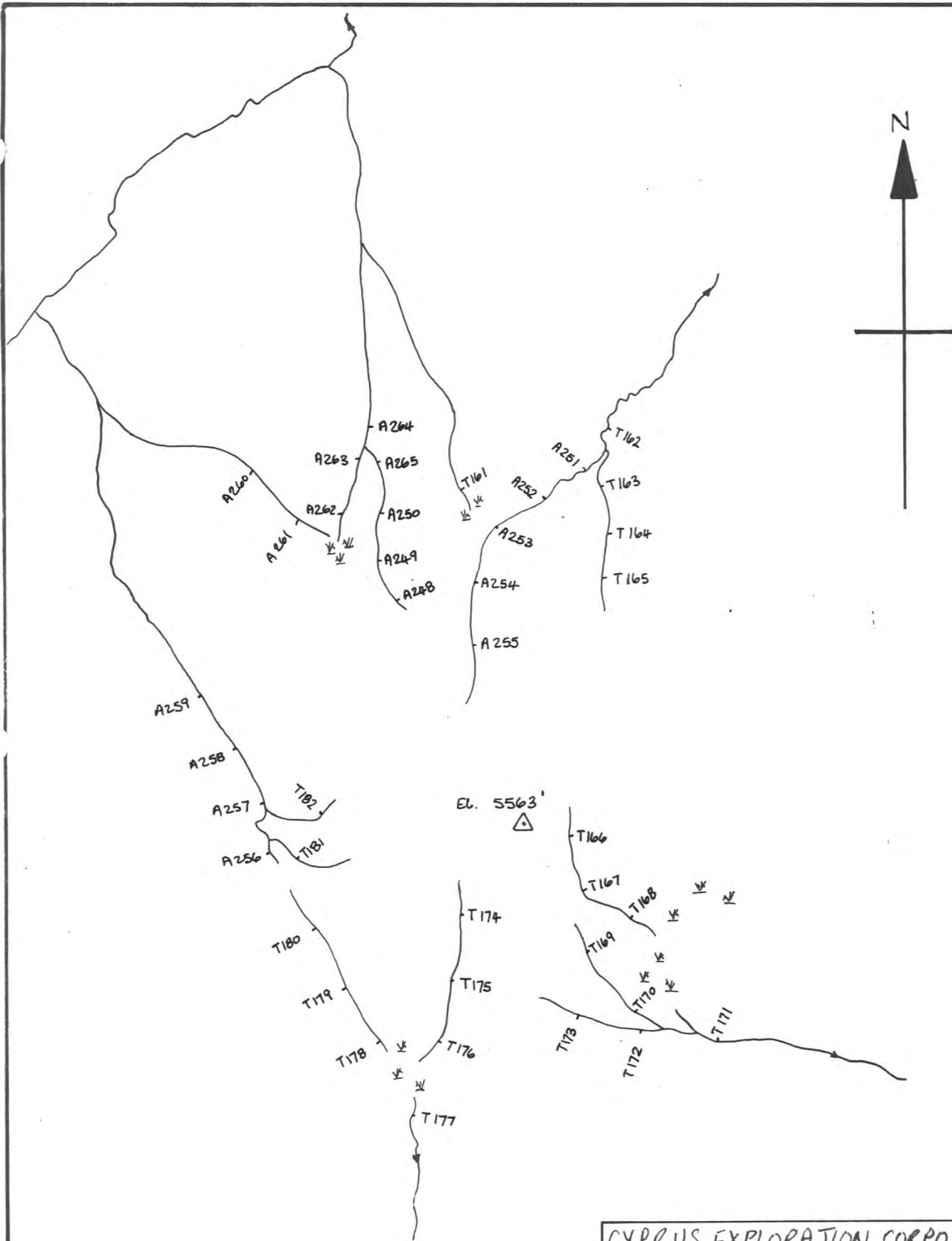
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ROSS RIVER RECONNAISSANCE
TAC CLAIM GROUP

GEOLOGY.

SCALE 2 INCH: 1 MILE

NOVEMBER 1970



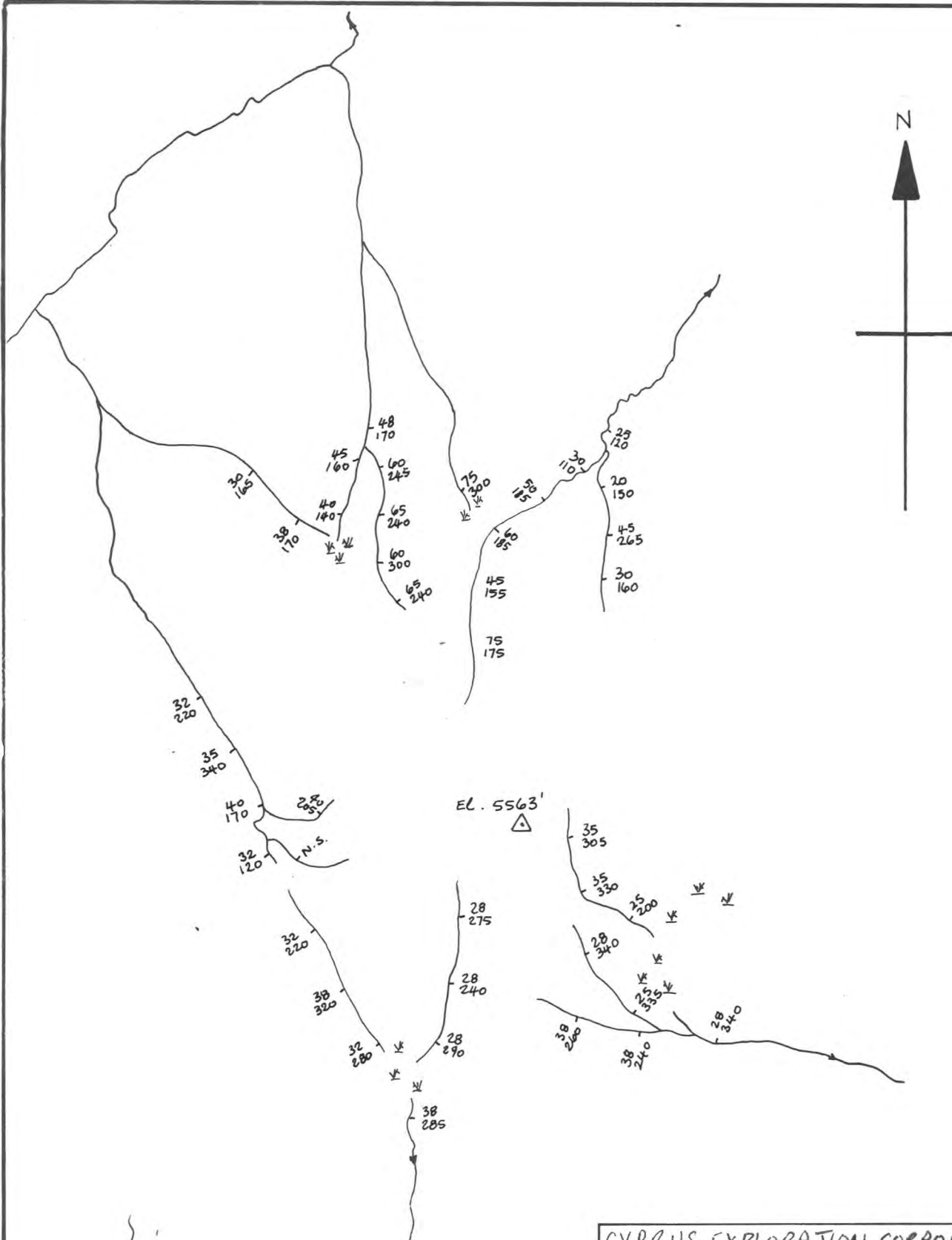
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TAC CLAIM GROUP

SILT SAMPLE LOCATION PLAN

SCALE 2 INCH: 1 MILE

NOVEMBER 1970



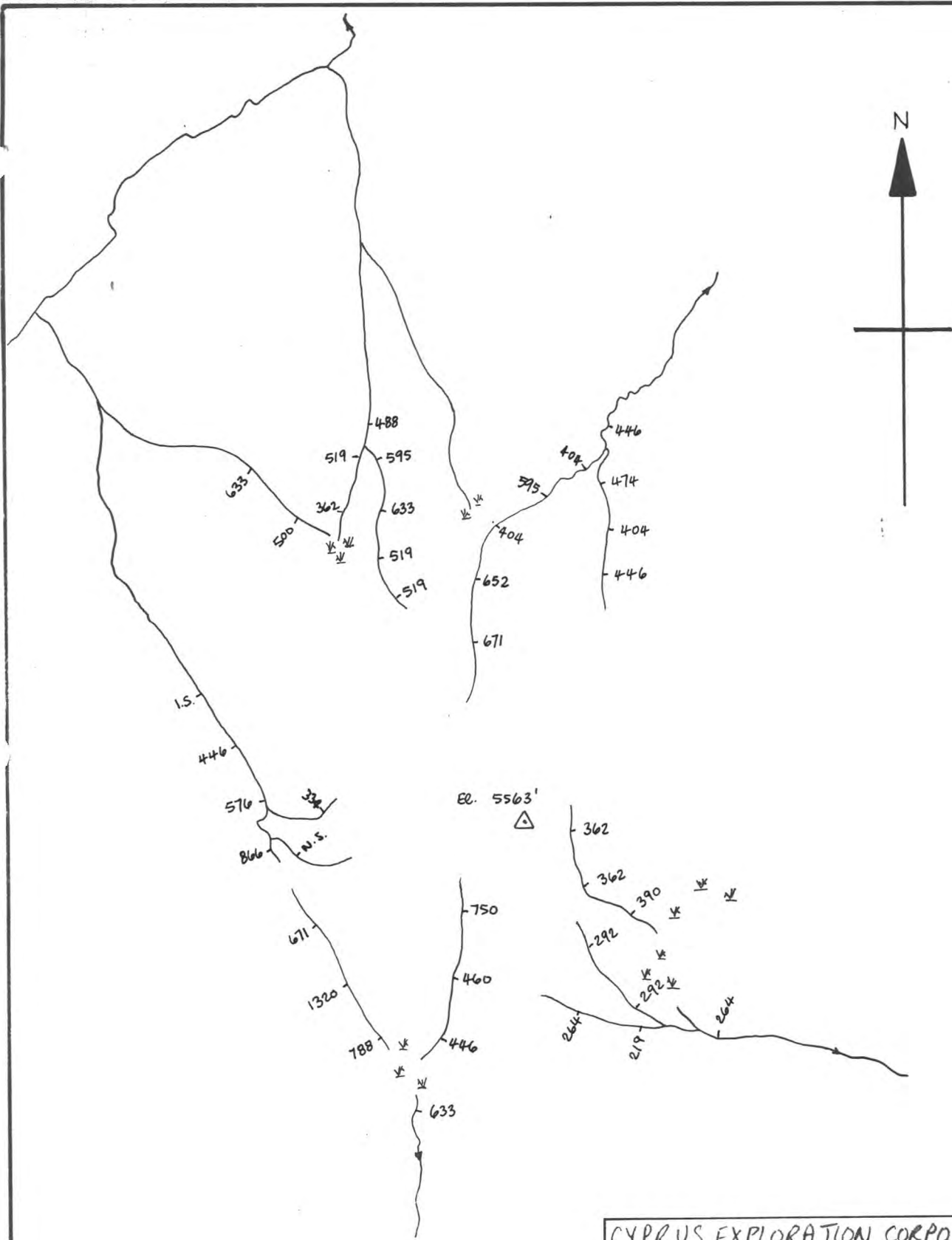
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TAC CLAIM GROUP

DRAINAGE GEOCHEM.
Pb, Zn.

SCALE 2 INCH: 1 MILE

NOVEMBER 1970



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ROSS RIVER RECONNAISSANCE TAC CLAIM GROUP	
DRAINAGE GEOCHEM. Mn.	
SCALE 2 INCH: 1 MILE	NOVEMBER 1970