

REPORT ON SEASON'S EXPLORATION WORK
STORMY MOUNTAIN MOLYBDENUM PROPERTY

A 16 mile access truck road was constructed from mile #98 on the Ross River Road to the Stormy Mountain moly-tungsten property. A cook house trailer was purchased and moved to the property. A tent camp on lumber frames suitable for a 10-man crew was constructed. Twelve additional claims along the skarn-granite contact were staked and recorded. Commencement of the development program was delayed about three weeks due to an exceptionally late break-up.

Trenching

A trenching program to expose the favourable skarn-granite contact on strike from the known highgrade-molybdenum zone was laid out and work commenced early in August. A D/6 bulldozer was utilized.

The favourable zone was exposed for 800' north of the adit. Besides exposing the originally known zone more completely, molybdenum was found some six hundred feet further north. Hand trenching here showed the exposure to be small.

The next 800' extension of the zone could not be safely stripped due to the vulnerability of the camp from falling rock. This will be investigated next season when the camp will be skidded to a new location.

Approximately 2,700 feet of stripping in several trenches was completed to the southwest of the adit. A new occurrence of molybdenum was found in this area but will require more work to evaluate.

A third area was investigated some 1,700 feet northeast of the adit on the north side of a fault which is believed to displace the skarn zone. Molybdenum mineralization was located here but the overburden was too deep to be handled with a D/6 tractor. The work will be continued next season with a heavier machine.

Trenching - cont'd.

Very little prospecting and geological mapping was completed due to the shortness of the season. Molybdenum float was found approximately a mile down the road from the adit. This will be traced to its source next year.

A plan showing the trenching completed in the adit area accompanies this report.

Geochemical and Geophysical Investigation

A base line and grid lines were established 1800 feet northeast of the adit. This grid covered 2,800 feet by 600 feet. The deep overburden and lack of iron sulphides are expected to shield any MoS_2 zones in this area. Assays not yet received.

Several known zones were tested with a geiger counter. Within the adit, readings of twice background were recorded, however, no anomalous readings were located at the surface extension of this zone.

Sand and silt in the previously mentioned grid was tested with an ultra violet lamp, but, probably due to deep overburden, was unsuccessful.

The dip of the zone is flat therefore a magnetometer survey could not locate the contact.

Graphitic schist and graphitic phyllite were observed in several areas. For this reason no self-potential or E.M. surveys were conducted.

As geophysical methods could not locate the known zones it is recommended to carry on the trenching program early next season with a D/7 cat with rippers as the D/6 cat could not penetrate the overburden in the area of the new moly occurrence 1,700 feet northeast of the adit. Further trenching is required in this area and the area 800 to 1400 feet north-east of the adit. In the middle of September the camp was closed due to deep snow.

Conclusions and Recommendations

The limited amount of surface stripping completed resulted in the discovery of molybdenite mineralization at three new localities. Although these exposures do not appear to be of ore grade it proves that molybdenum does occur at other points along the skarn contact and that bulldozing is the best method of prospecting.

It is recommended that the work be continued next season using a D/7 or D/8 with rippers. The camp and road are completed, therefore funds expended in 1968 will be almost all directed towards further exposure of the favourable skarn-granite contact zone.

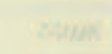
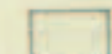

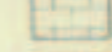

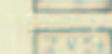


A budget of \$15,000 to \$20,000 will complete the prospecting phase of this work.

Alex Smith

Alex Smith, Field Engineer



LEGEND

-  M.S.
-  Schist
-  Limestone
-  Skarn
-  Granite
-  Trench
-  Contact
-  Fault

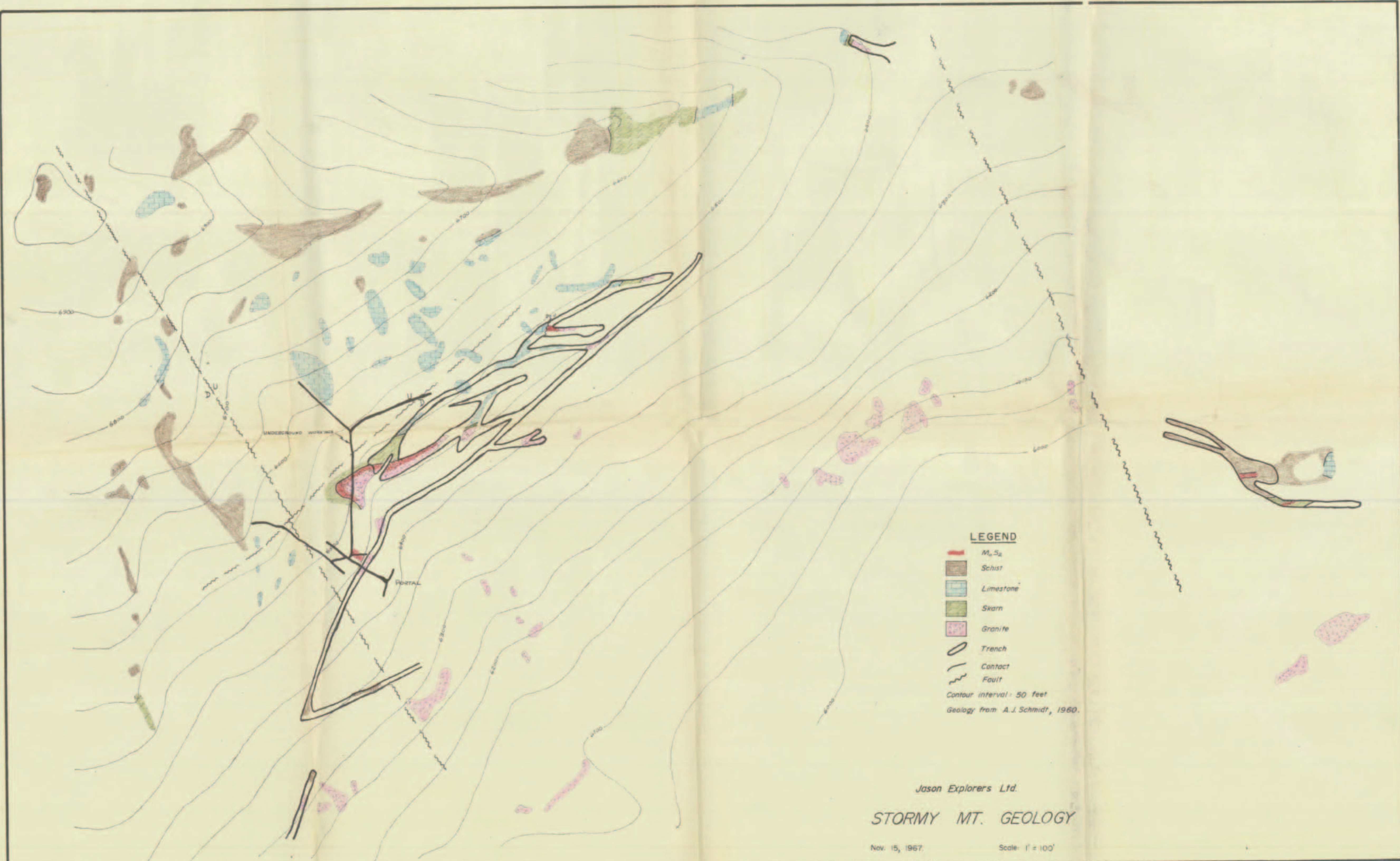
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 Geology from A.J. Schmidt, 1960.

Jason Explorers Ltd.

STORMY MT. GEOLOGY

Nov. 15, 1967

Scale: 1" = 100'



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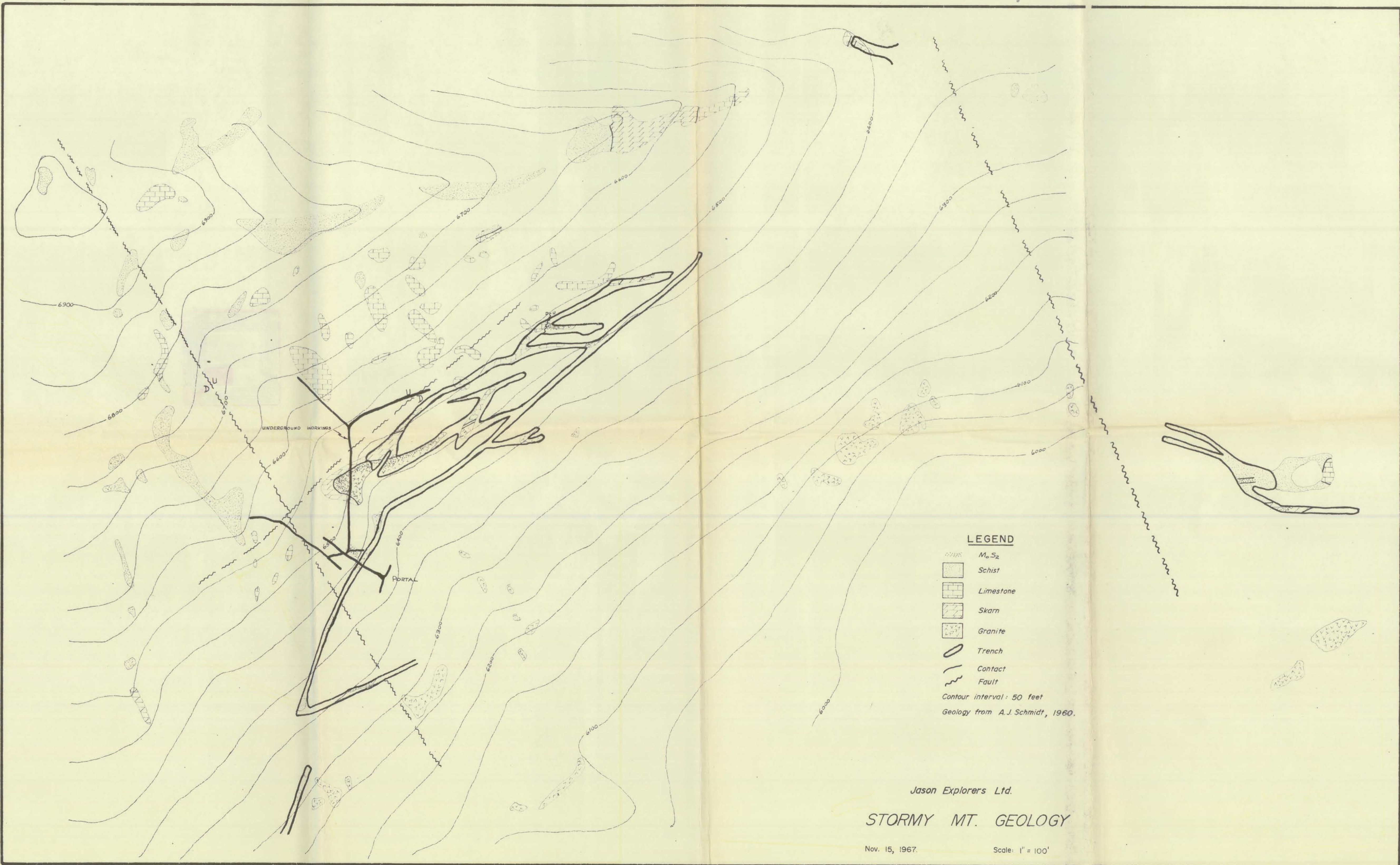
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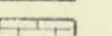

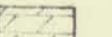
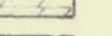
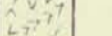

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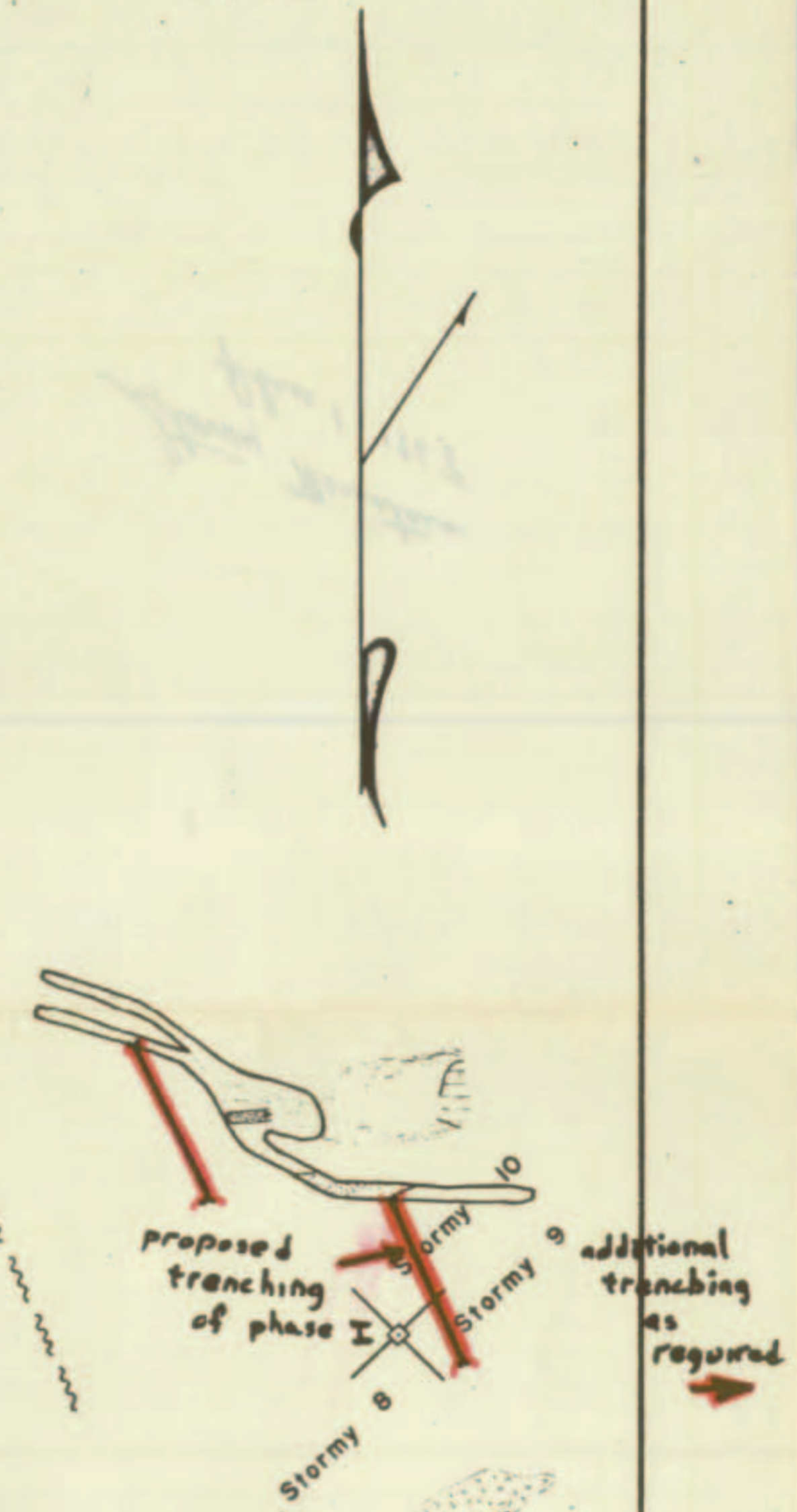
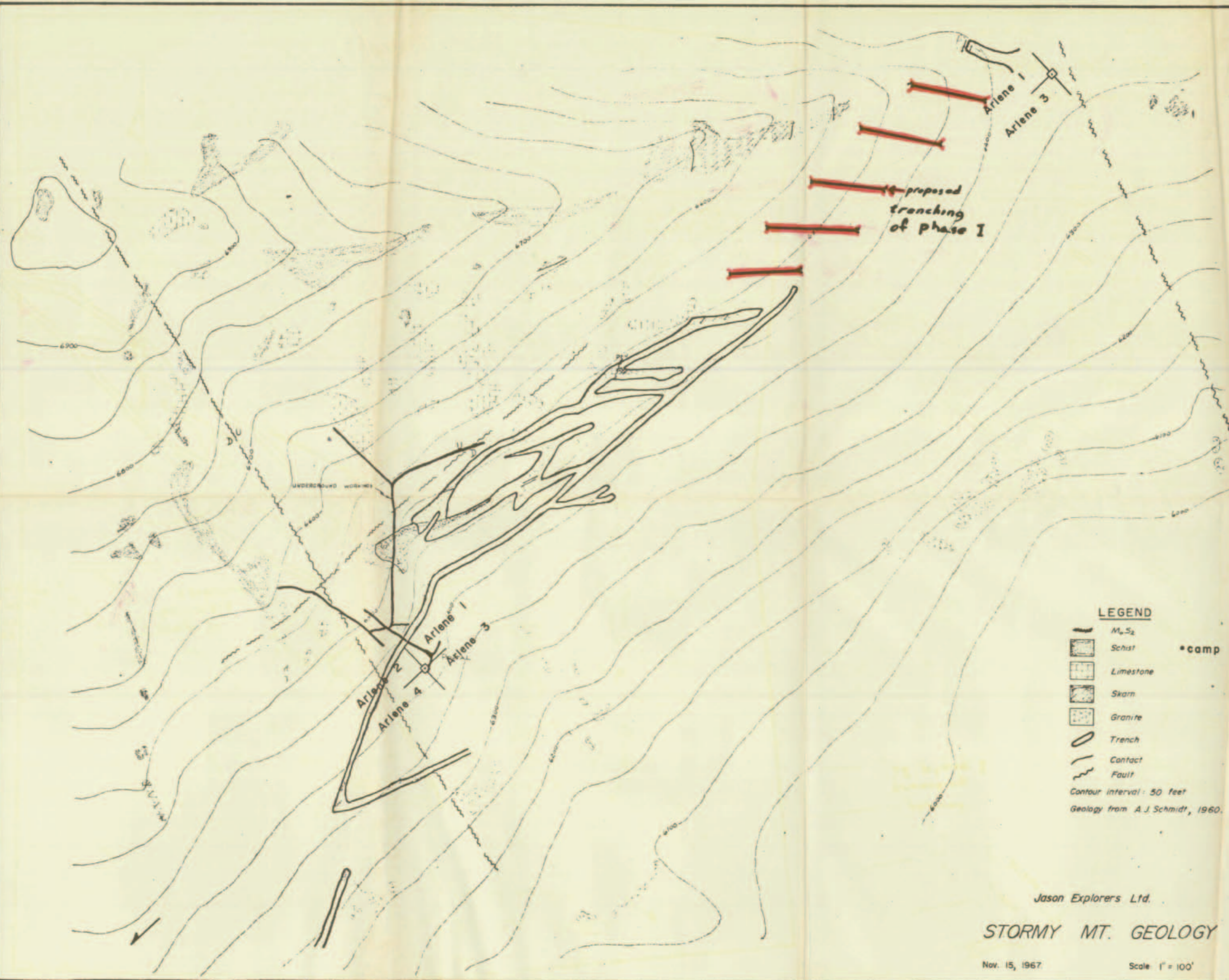
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