



41104NE0042 MERRITT10D1 MERRITT

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DIAMOND DRILL RECORDPROPERTY: Stratton Lake

HOLE # 1

Started Nov. 24, 1961

Completed Nov. 30, 1961

Datum: Stratton Lake

Bearing N 45°E

Elevation: 15 ft.

Dip 45° Ultimate Depth 165.5 ft.

| <u>Depth Feet</u> | <u>Formation</u>   |
|-------------------|--|
| 0.0 - 11.5        | Casing - overburden  |
| 11.5 - 19.0       | Quartzite, greyish white, bedding 35° to core. Numerous rust seams. Odd seam with fine pyrite.   |
| 19.0 - 23.3       | Mixture of quartzite and dioritic material. Well fractured with numerous white quartz seams. Several rust seams. Few stringers of sooty pyrite mostly associated with milk white quartz.   |
| 23.3 - 25.0       | Ground core  |
| 25.0 - 25.4       | Green-grey chloritic material with quartz and some pyrite.   |
| 25.4 - 28.1       | Opaque grey to white quartz with much pyrite and/or marcasite for first 0.8'. Thereafter greenish - grey granitic material, medium to fine grained, with grey to white as irregular veins, and with much replacement by pyrite-marcasite. Some hematite and limonite stain in quartz surrounding pyrite. |
| 28.1 - 32.9       | Grey quartzitic material with odd chlorite speck or seam. Veinlet of white quartz with pyrite at 28.7'.  |
| 32.9 - 36.5       | Greenish - grey dioritic material, extensively replaced by grey to white quartz and pyrite - marcasite. Some limonite and hematite stain. Quartz and sulphides very vuggy. Section about 60% quartz and sulphides.   |
| 36.5 - 41.5       | Greenish grey dioritic material with some white quartz and pyrite - marcasite, though much less than section above. This section about 75% fractured dioritic material.  |
| 41.5 - 46.5       | Greenish - grey dioritic material grading to dull grey quartzite. Two good (1') patches of white quartz with pyrite marcasite and pyrrhotite. Sulphides very vuggy.  |
| 46.5 - 51.5       | Grey quartzitic material with some chlorite. Becoming more fractured and contorted, with white quartz, pyrite, and pyrrhotite along fractures. Sulphides mostly in narrow seams and aggregates and less massive than previously.   |
| 51.5 - 56.5       | Dioritic material much replaced by white quartz, pyrite - marcasite, and pyrrhotite. Section about 60% quartz and sulphides. Latter still very vuggy.  |

Diamond Drill Record:Property: Stratton Lake

| <u>Depth Feet</u> | <u>Formation</u>  |
|-------------------|---|
| 56.5 - 60.9       | Dioritic material, becoming much fractured and somewhat silicified, with seams of dark chlorite and a few of epidote. Some white quartz with sulphides between 59' and 61'. |
| 60.9 - 63.4       | Mixed chloritic and silicified material, with some white quartz in first few inches, and some sulphides as narrow seams here and there.                                     |
| 63.4 - 68.4       | Conglomerate, sheared and stressed, elongated 45° to core (approx.). A little pyrite, some white quartz.  |
| 68.4 - 73.4       | Conglomerate as above with decrease in pyrite. Conglomerate composed chiefly as quartzite boulders surrounded by chloritic material and quartz.                             |
| 73.4 - 78.4       | Conglomerate as above, pyrite rare.   |
| 78.4 - 83.4       | Conglomerate as above. Pyrite rare.   |
| 83.4 - 88.4       | Conglomerate as above. Fair pyrite, in first 1.0' and last 0.5' as thin seams at various angles to core.  |
| 88.4 - 93.4       | Conglomerate as above. Fair pyrite.   |
| 93.4 - 98.4       | Conglomerate as above. Good to fair pyrite.   |
| 98.4 - 101.2      | Conglomerate as above with only moderate pyrite.  |
| 101.2 - 118.5     | Quartzite, impure, dirty grey with chlorite flocks. Rare pyrite.  |
| 118.5 - 129.0     | Quartzite, fine grained light buff. Weakly fractured. 2.5 ft. ground core in this section.  |
| 129.0 - 148.0     | Quartzite or remnant diorite. If diorite it is highly silicified. If quartzite it is uniformly spotted with chloritic inclusions. 4.0 ft. ground core in this section.      |
| 148.0 - 152.0     | Quartzite, fine grained, dirty grey. Weakly fractured.  |
| 152.0 - 165.5     | Quartzite, light buff, fine grained. Impure, sparsely specked with chlorite, weakly fractured, chiefly 45° to core.   |
| 165.5             | End of hole.  |

Drilled by Rowand Drilling Company

Signed by

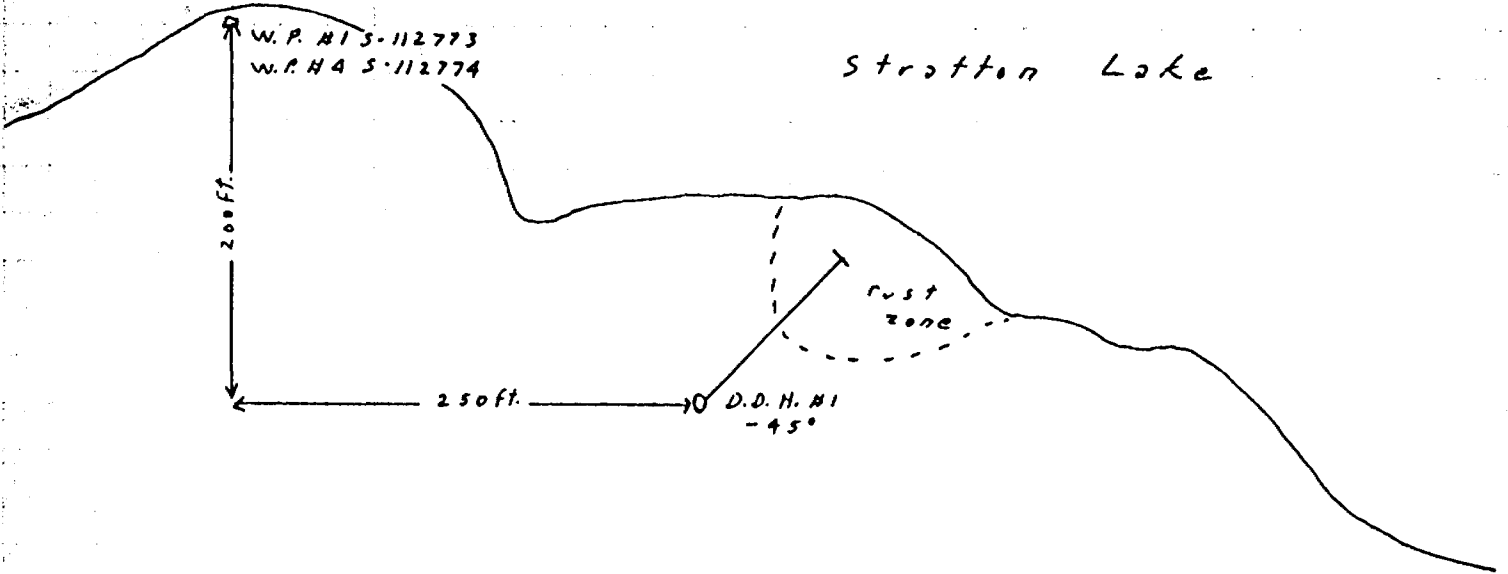
*W. D. Sutherland*  
W. D. Sutherland *P. Eng.*

(Core stored at W. D. Sutherland property, Blind River.)

Diamond Drill Plan  
Claim S-112774



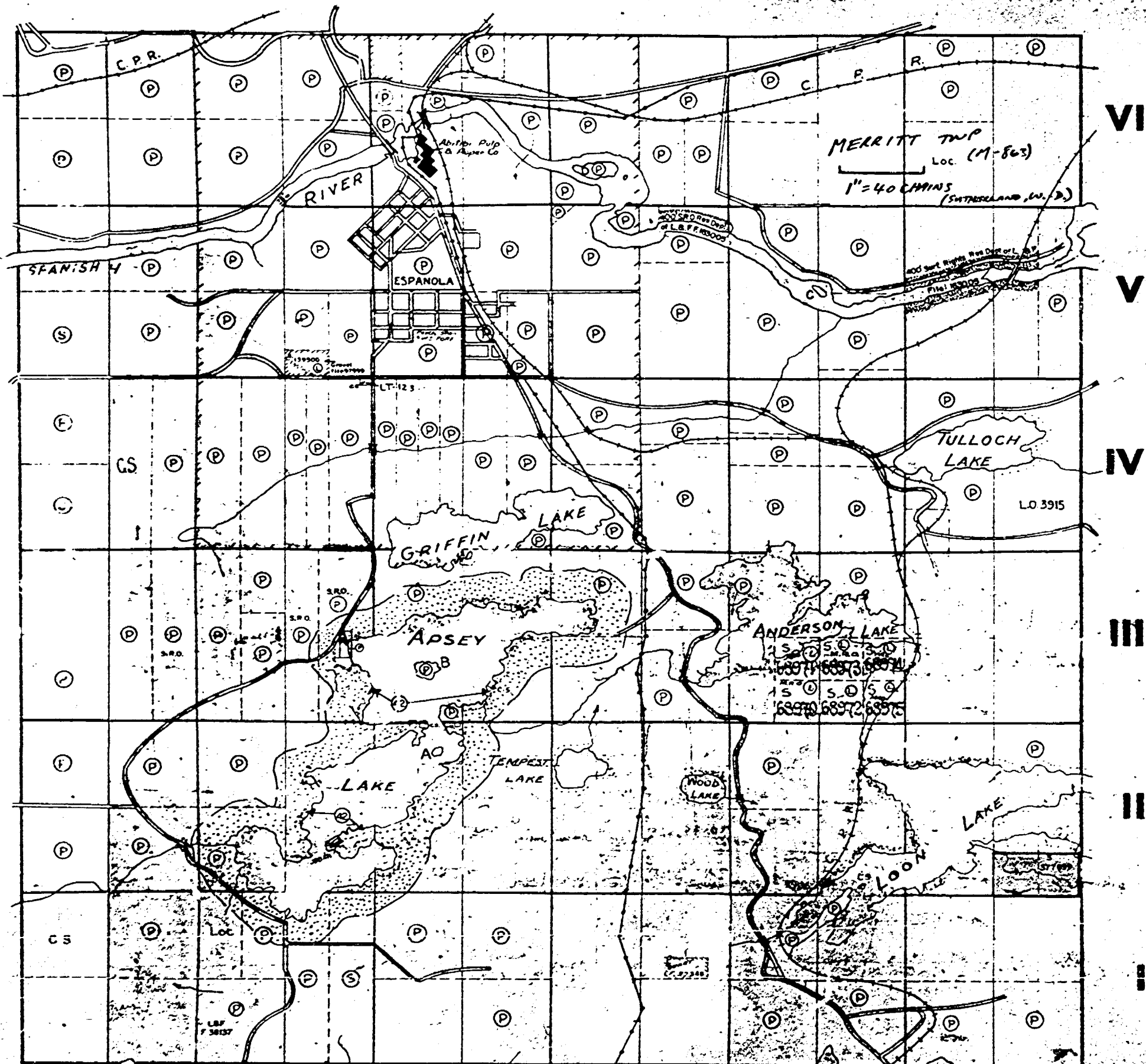
Scale: 1 inch = 100 feet



Conc II  
Lot 1

Nov. 30, 1961  
W.D.A.

# BALDWIN



VI

V

IV

III

II

I

FOSTER

12 11 10 9 8 7 6 5 4 3 2 1

HALLAM

MONTANA