

NOTES ON MAPS No-13 to No-16

These plans are compiled from portions of Chubb's 200 scale map and our Glencairn and Tradedollar Sheets.

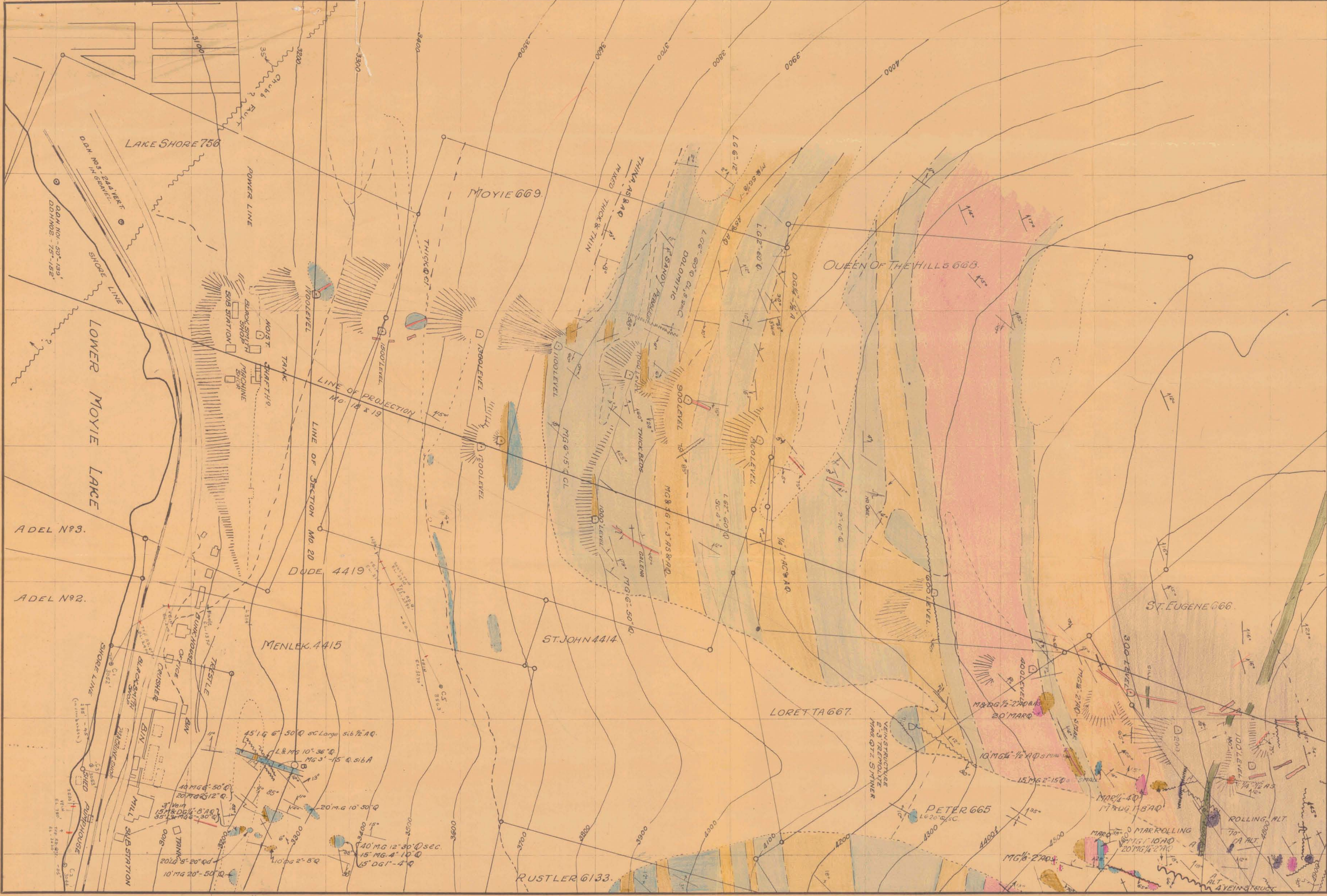
No-13 Outcrops are scarce at the Lakeshore Shoots (1800-1500 levels) but the ore apparently occurred in thick bedded quartzite. At the Hoyie Shoots (1000-800 levels) reverse dips show clearly to the north of the vein as a southward plunging second order syncline. Here the ore is in alternating thick and thin bedded quartzites. The upper mine shoots (400-100 levels) are in thin bedded argillites and argillaceous siltstones. Vein outcrops at the 100 level show clearly the swing in trend to the avenue directions. The sediments from the 1800 up to the 600 level strike roughly parallel to the vein. At the 100 level they swing to strike more north-south and the vein cuts their strike at nearly right angles.

No-16 is a composite of the mine levels on the same co-ordinates as No-13. The position of the orebodies is indicated thereon. Also the area explored by the shaft levels. This did not extend westward even to the Lake.

No-14 is an eastward extension of No-13 and covers the area between the upper workings and the Society Girl. A zone of faulting and folding can be traced for 2000 feet south of the upper mine. This zone and the dyke probably exercised a structural control on the ore. Along the projection of the veins between the upper workings and the Society Girl there is a possibility of finding buried orebodies in the same strata as the upper mine shoots, particularly where the vein structure intersects the easterly branch of the dyke or other north-south fracture zones. This section could be readily explored by a series of drill holes not over 500' deep and/or by extending the 300 level eastward. Vein type alteration is common along this eastward extension; also heavy lead concentrates in pinnings samples.

No-15 shows the outcrops south of the mine. These strata should project down dip into the shaft workings (No-20). In this area are numerous N.70°W draws paralleling the St. Eugene veins. A magnetometer survey should be made of an area showing magnetic attractions of about 2° on the compass needle.

A.S.



COMPANY	ST. EUGENE MINING CORP.	WORKING PLACE	SURFACE MINE AREA	DATE	JUNE, 1949
PROPERTY	ST. EUGENE		LAKE SHORE TO UPPER WORKINGS	DRAWN BY	A.S. (after PA Clubb)
LOCATION	MOYIE, B.C.	TYPE OF MAP	GEOL. & TOPOG	MAP No.	MO.13

