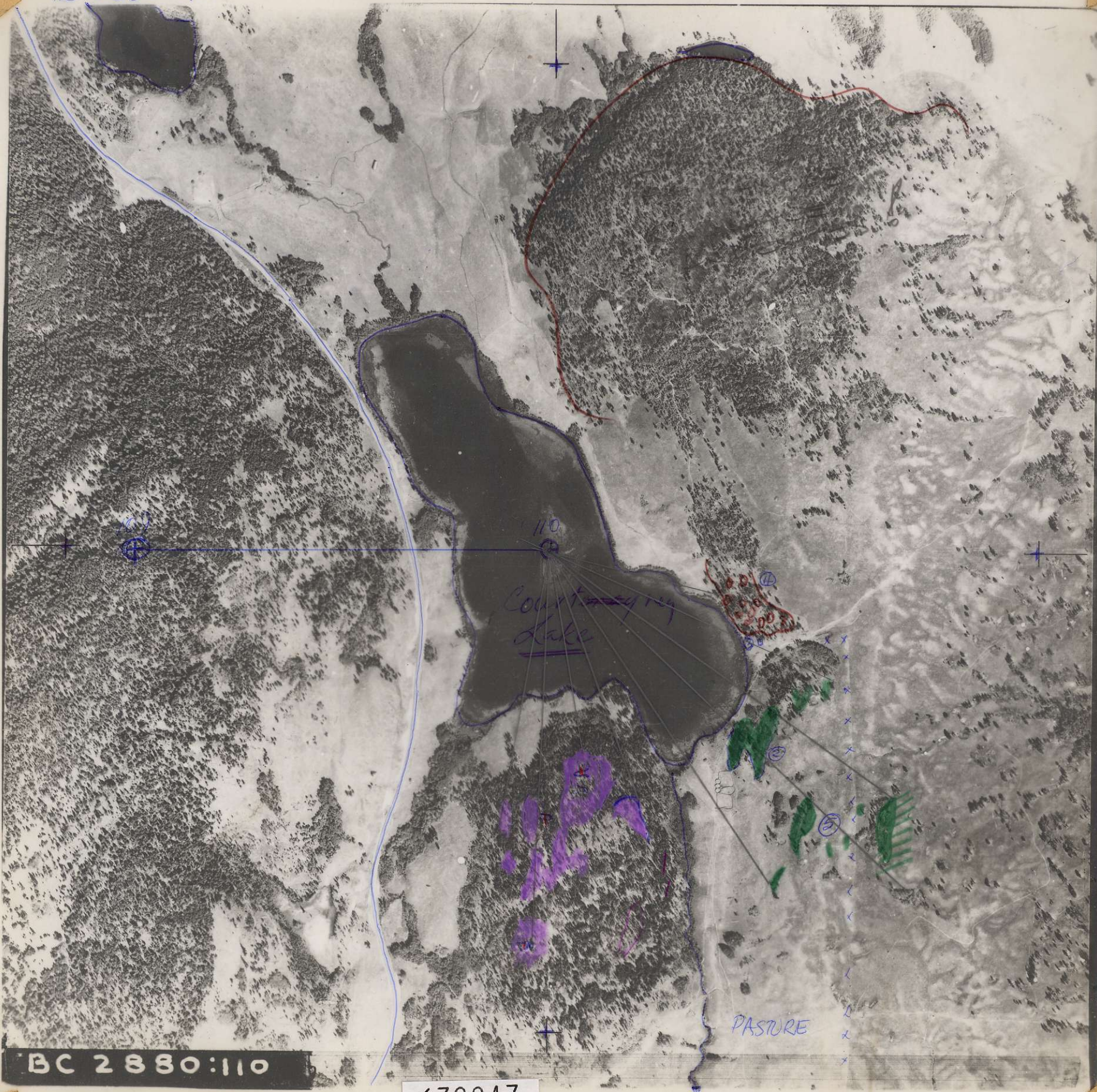


BC 2880:110

NORTH



BC 2880:110

670047

NARROW ANGLE

20 CHAINS = 1 INCH

(APPROX)

B.C. GOVERNMENT AIR PHOTOGRAPH

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Date of Exposure:

SEP 9 1960

Obtain reprints & tech data from
Air Division

Dept. of **LANDS & FORESTS**, Victoria, **MB**

BC 2880-110

- ① Very slight trace of ^{chalcocite} bornite and malachite with bright green olivine in a black indurated olivine basalt, as well as in a black amygdaloidal basalt, both of which have epidotized seams. Chalcocite in lavas and in places seemingly replaces zeolites - Secondary.

NOTE RE SHOWINGS

TC Claims held by G.E. Sharpe.

Location a small bluff immediately south of a lake.

Geology a variety of volcanic rocks including tufts, tuffaceous flows, fragmentals black amygdaloidal (zeolite & epidote) basalt, med to coarse grain porphyritic olivine basalt, dark purple to ~~pink~~ brick red basalts. Easterly from the highway the first outcrops on hillside are a sheared and much weathered purple basalt, decomposed in places to a reddish granular soil. Further east a steep dipping (?) N 10-20° E striking layer of black amygdaloidal basalt, then the porphyritic olivine epidote basalt overlayers with other basalts. Southwards along crest of bluff toward southernmost outcrop there seems to be a facies change to ~~the~~ intermediate fragmental

Structure

types and f-med. grain non-ling tufts overlooking cattle trail. Probable fault to west along highway. Fault to east along creek, latter fault probably dips very steep to west, the west side probably down faulted, the east side probably up faulted. Detailed mapping would be enlightening.

Showings

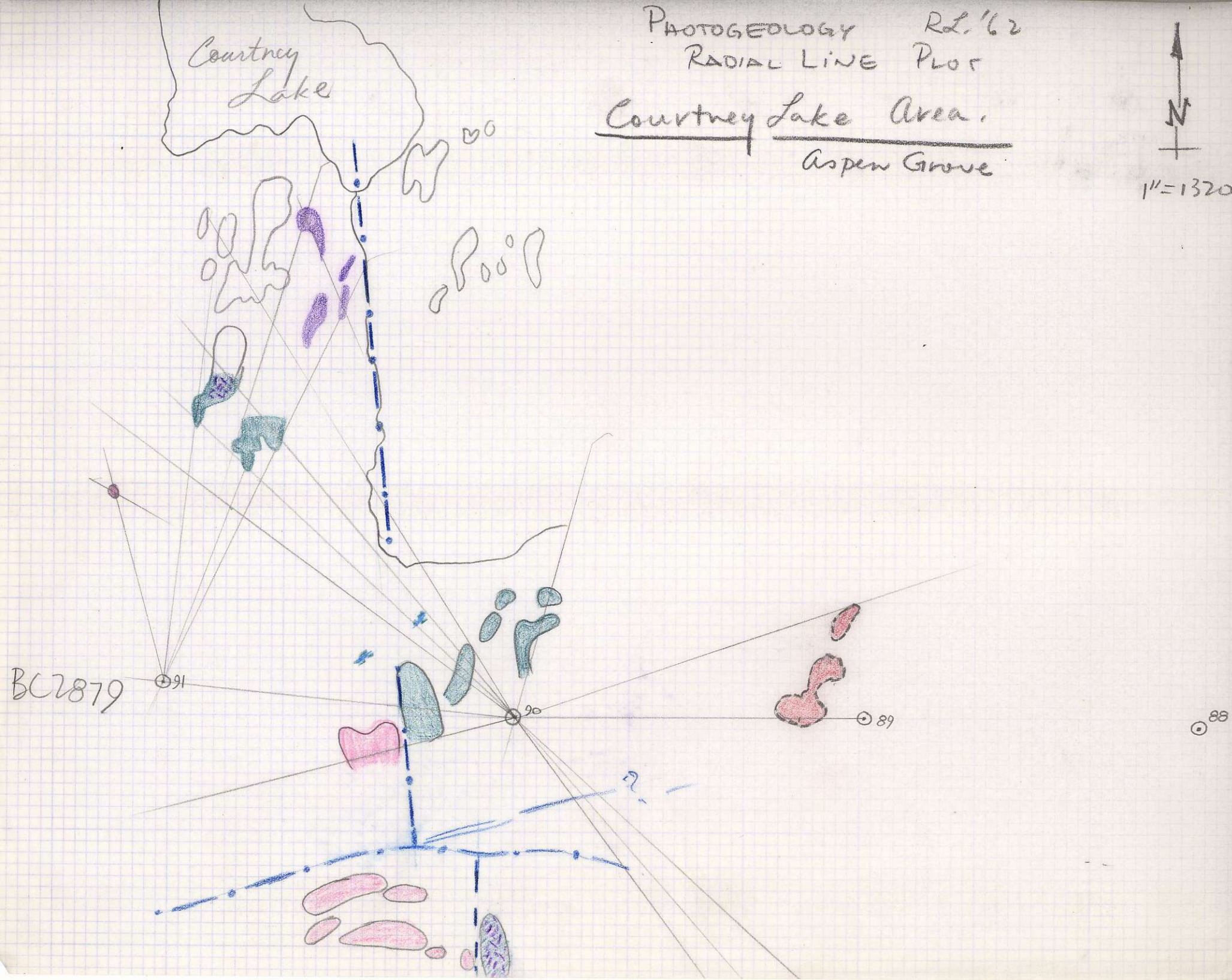
No where are the showings impressive. Best mineralization on north facing slope of bluff overlooking lake. Here a very small amount of chalcocite fills voids and seemingly replaces zeolites in the black amyg. basalt. I observed about 6 small open cuts about 10' long 2-5 ft deep all in same rock. and one shallow ~~South~~ ^{south} sloping incision along easterly joint set. There is almost no mineralization to speak of in these other workings. Since chalcocite & malachite seem to replace amygdules this is probably secondary mineralization.

- ② fine to med. grain purplish to red and gray feldspathic tufts, the red variety westernmost being much fractured, limy fracture fillings.
- ③ IP 165 & 166 (45) 665 & 666 Delta # 115 & 166 by P Bland July 11/62 for Int. Claim Brd. FD 457663 & 664 Delta # 163 & 110
- ④ very large ~~pink~~ boulders of a fine to med. grain light gray andesitic vesicular basalt - fresh looking unaltered. Probably not in place.
- ⑤ fine to med. grain light gray to med. gray andesitic or feldspathic tufts becoming increasingly fragmental eastwards; maximum fragment size > 1 1/2" large vesicular basalt boulders spread all over. Agglomerate easternmost exposure

PHOTOGEOLOGY Rel. '62
RADIAL LINE PLOT
Courtney Lake Area.
Aspen Grove



1" = 1320'



PHOTOGEOLOGY RT. '62
Radial line plot
COURTNEY LAKE AREA Aspen Grove

