

318154

3
CCharadrius Creek - $63^{\circ} 38' N \times 133^{\circ} 22' W$

P. DEAN & M. LADUE

9 JUNE → 13 JUNE 1968

SILT SAMPLES:

PD-68-66 → PD-68-84

18

ML-68-1 → ML-68-40

40

TOTAL

58

105-N-11

Area contains several gossans of limonite cemented breccia and several swamp-type gossans. These gossans appear to line up generally along the strike of the bedding in the area & may represent a series of alterations? along a particular rock unit.

The strike of bedding is similar throughout the area (~ NW-SE) & the angle of dip is nearly vertical. Various rock types are present: black slate, pale brown & green schist or phyllite, metamorphosed conglomerate containing stretched & squashed chert pebbles, quartzites?, etc.

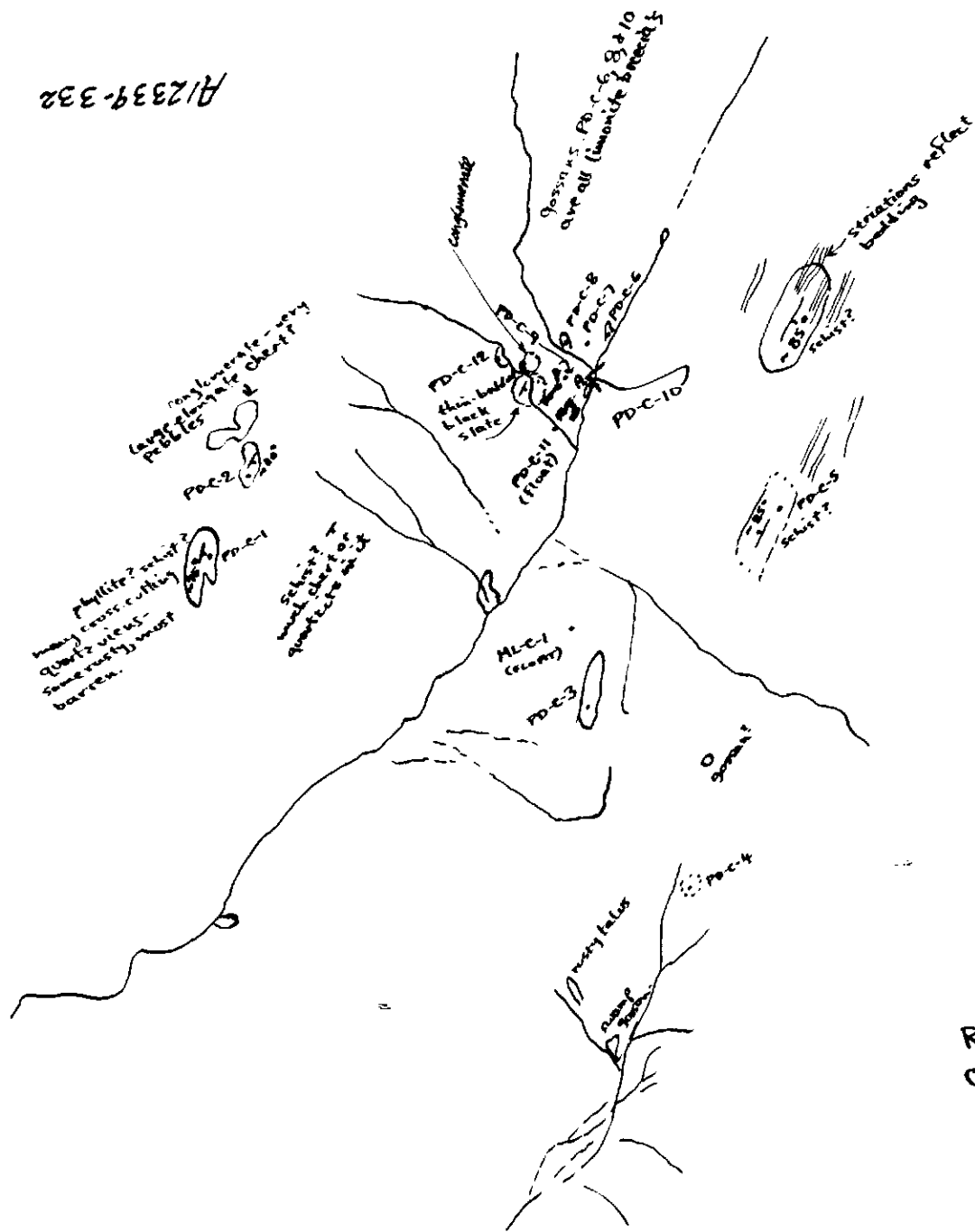
Pyrite is present in considerable quantities in quartz veins & lenses within at least one of the limonite breccias.

I strongly recommend that the major area of gossans (about $\frac{1}{2}$ mile by $\frac{1}{2}$ mile) be looked at & mapped by a rockologist - especially if there are any geochem highs along the valley bottom or near the gossans.

Slickensided float and two zones of what may be fault gouge were found in one creek valley on which a limonite breccia and a rust seepage occur. The possible fault gouge is a zone ~50 ft wide of crumbly pale grey rock which appears to be a massively altered version of the black slates which are adjacent to it.

P. Dean 13 June

A12339-332



Rock Specimen Locations.
Charadrius Creek.
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