675846
94K/4

Rob Carne - Driftpile   [illegible] '78

200km S of Watson L, 200 km W of Ft Nelson, 200 km E of Dease L. Transport to Mayfield L. by float plane. Cat road to near property. Hiway 60 km to NW.

Discovered 1971 by Geophoto Cons., reg. geoch. program, anomaly, prospecting found no min; attributed anomaly to metallif. Shales. 1973 Placer picked it up, spent 2 yrs on property mapping - geophysics geochem - found some good min'n. 1977 AC contract for Gataga JV Getty, Aquitaine, Chevron, Casselman, WNorth. No other properties discovered in region. Acquired Driftpile, mapped it, geochem, geophysics, 1000 m DD in 9 holes.

Atan - basal calcareous qtzc overlain by reefoid dolomites inter reef qtzc pebble cgl; stromatolitic - host rock potential. TGS has stbd showing PbZnAg at this contact - Atan/Kechika.

Kechika - Є-Ord: dolom siltstn + silty dolom + dolom shales extending out to W into Kechika Trough. Underlying Driftpile it is finely lamin. dolom siltstn + silty dolom & limestone - pervasive cleavage.

Road River - similar to Haw Pass - Mac Pass section - sits unconformably on Kechika. Similar facies to Haw. Pass. Chert facies somewhat to W. of Gataga R, towards RMT. Seen in imbricate slices, as at CIRQUE.

Besa River Fm - silty, lower 'Black clastic' - called Canol at Mac Pass. Black chert in lower BR, resistant units, changes upward to distal turbidites & silty shales. Coarse cgl facies of BR, current dirn's from W, siliceous cemented. Same age as cgl at Macmillan Pass. May be same sort of tect. interval, instability at Mac Pass.

C.p. cgl represents widespread clastic flood. Distal turbidites of basal Besa R perhaps facies equivs of the same sort of thing. Solemarkings in coarse turbidites, westerly prograding current direc.

Gunsteel silvery weathering, like the Canol at macPass, overlying Ton-Jason minerals. Bedded barite deposits in section: massive, like one in Kwadacha Park, up to 100 m thick & in Gataga R area; pure massive barite without Pb or Zn. Also horizon of regional extent, occurs almost everywhere, coeval with massive barite - blebby barite small late diagenetic nodules of barite, separated by siliceous, almost cherty shale; bedded pyrite is included in some places. Unit is regionally anomalous - Pb+Zn+Ag +Fe anomalies, particularly in silts. Fe seeps where the unit is cut by faults. Best grades ~ .5% Zn over 20-30m. up to 40 m thick in places. Red sl near Gataga R - some drilling on gossan area early in 60's - one intersection of 1½ oz Ag. Didn't penetrate gossan. Limonite seems to scavenge Ag from water. Also, like Keno Hill, in an overthrust panel, over the Ba Pb Zn horizon. Limonite, with some exotic minerals (?) conc. Ag but not PbZn.

Warneford - variety of lithologies in Gataga R area: chert pebble cgl, polymictic; not clean chert pebble cgl of the lower Besa R, contain carbonate & 'volcanic-looking' clasts; shallow-water deposits, bioturbated siltstones, higher in section; Permo Tr beds seem to be conformable above Warneford - hence Warneford is probably m-up Miss in age, if not lower Miss in age. Rests uncomf. on Gunsteel

Discovery zone - main gossan zone on Driftpile Ck property, gossans similar to regional gossans, slightly darker colour probably due to Mn. 'Kill zones' below mineralization. Av exposure of MS 34 m in true thickness, almost 50% pyrite.

Pb background on property 750 ppm. Anomalies 7000 ppm. Pb very high. Shales locally carry metals.

2 mineralized horizons on Driftpile.
From base 125 m mod. silic. black shale, basal part Gunsteel, basin shale with variable lithology.

end of topic

See notes on Geosumm '78