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MEGABUCK RECONNAISSANCE

A

GOLD PROJECT

NTS 93-A/3W, 6W

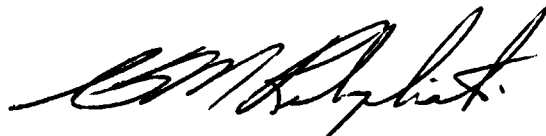
C.M. REBAGLIATI, P.ENG.

MEGABUCK RECONNAISSANCE PROJECT

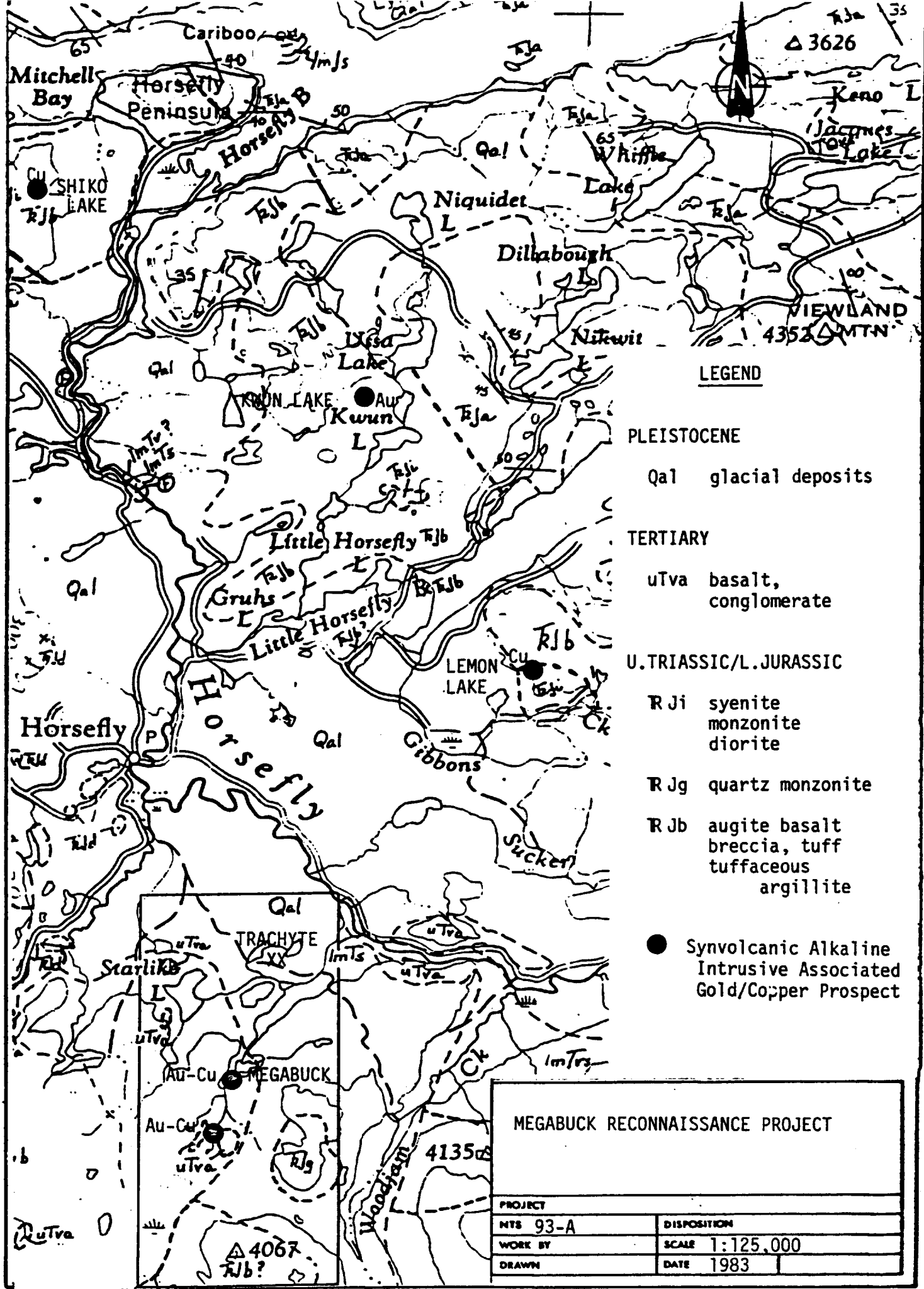
As illustrated in the geological model presented in the Megabuck Prospect report, gold deposition related to the emplacement of alkaline intrusives occurs over a broad vertical range in diverse geological environments. In the Ta Hoola Lake and Quesnel River regions of the Quesnel Trough, multiple auriferous zones are repeated along strike within a narrow stratigraphic interval near major volcano-sedimentary interfaces. In the Horsefly-Bootjack Lake region gold and/or copper mineralization is associated with alkaline stocks which display a periodicity of 7-14 km.

The presence of a dioritic plug containing a copper-gold prospect located 3 km south of the auriferous Megabuck intrusion and the occurrence of trachytic volcanic breccias 4 km to the north suggest that more gold prospects may occur in the belt of Upper Triassic volcanic rocks hosting the Megabuck prospect.

I believe, because the Megabuck intrusion lies 10 km to the west of the main northwesterly trending belt of alkaline intrusions in an area mapped as being underlain by tertiary rocks and because of its uncharacteristic lack of diagnostic aeromagnetic expression, that this region has been overlooked by other exploration geologists who are aware of the synvolcanic alkaline gold association. Therefore, in addition to the Megabuck Project, I propose a reconnaissance program to explore for gold deposits in the 50 square kilometre area centered on the Megabuck prospect outlined on the attached map.



C.M. Rebagliati, P.Eng.



LEGEND

PLEISTOCENE
 Qal glacial deposits

TERTIARY
 uTva basalt, conglomerate

U. TRIASSIC/L. JURASSIC
 R Ji syenite monzonite diorite
 R Jg quartz monzonite
 R Jb augite basalt breccia, tuff tuffaceous argillite

● Synvolcanic Alkaline Intrusive Associated Gold/Copper Prospect

MEGABUCK RECONNAISSANCE PROJECT	
PROJECT	
NTS 93-A	DISPOSITION
WORK BY	SCALE 1:125,000
DRAWN	DATE 1983