



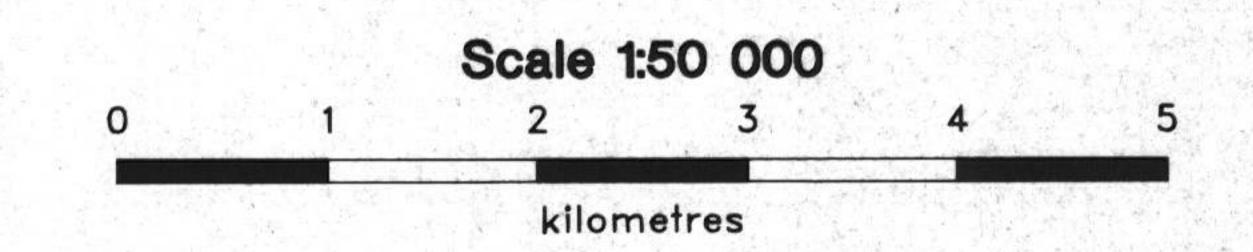
Geological Survey Branch

MINERAL POTENTIAL MAP 1992-4

METALLIC MINERAL POTENTIAL OF THE TEZZERON CREEK MAP AREA

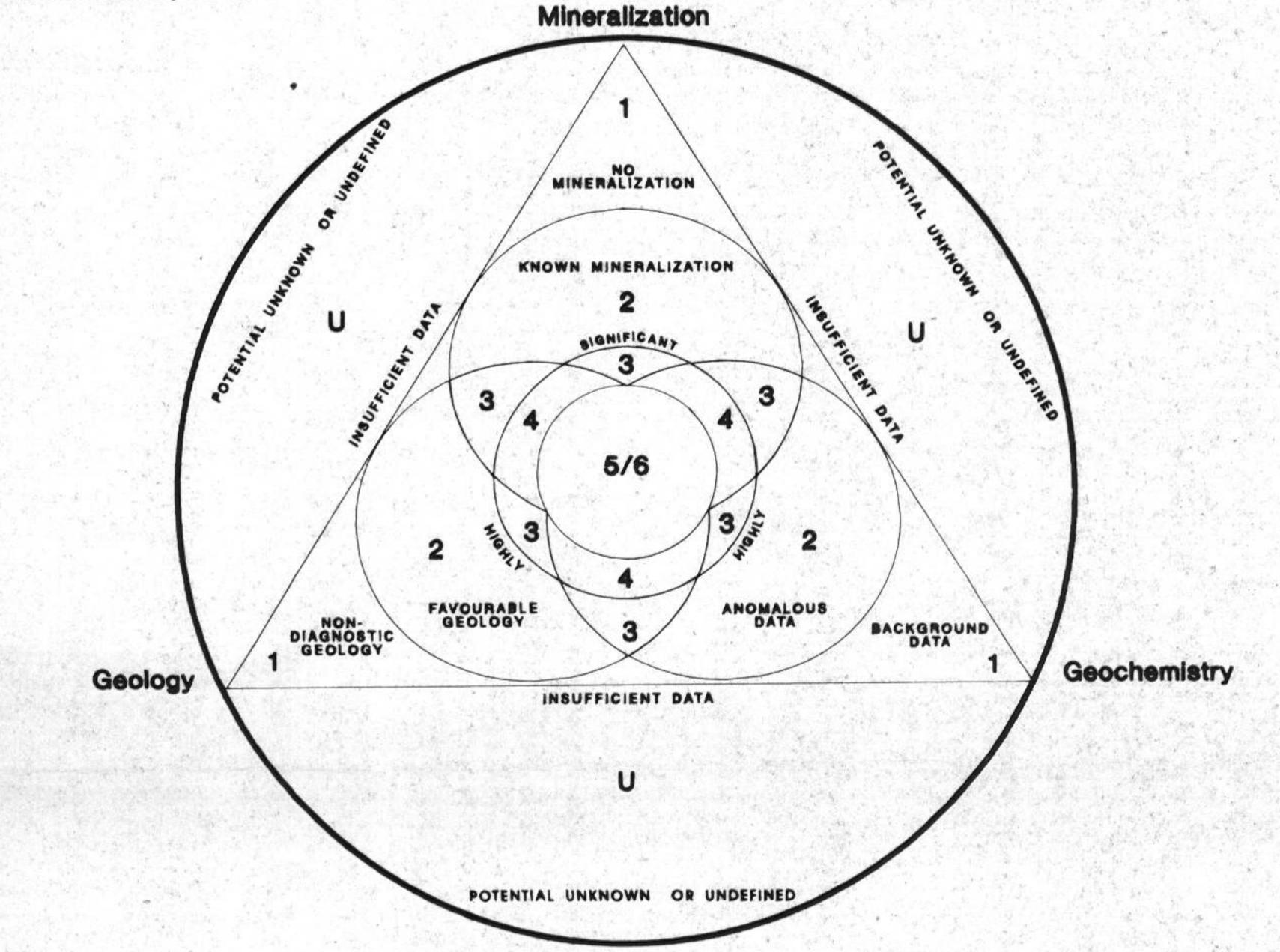
NTS 93K/16

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The Tezzeron Creek map area is underlain by rocks of the Takla Group which are intruded by numerous alkaline intrusions. As a result, the region has a high potential for alkaline porphyry copper-gold deposits and is in close proximity to the Mt. Milligan (93N/1) and Chuchi (93N/7) alkaline porphyry deposits. Small prospects

CLASSIFICATION OF MINERAL POTENTIAL



QUALITATIVE DESCRIPTIONS OF METALLIC MINERAL POTENTIAL CLASSIFICATIONS

Class	Mineral Potential	Description			
6	Extremely	Known deposits (developed prospects) with significant identified resources in the ground. Very favourable supporting data from all applicable areas; very high degree of confidence i designation. Continued exploration highly probable; potential for mine developement is high			
5	Very High	Known prospects, developed prospects, past producing mines (with undefined resources in the ground) in highly favourable geological environment. Very good supporting data from all three criteria, high degree of confidence in designation. Future exploration expected.			
4	High	Known or indicated resources in highly favourable geological environment. Very good supporting geological and geochemical data. Resources or deposits not necessarily identified; however, positive indications that deposit forming processes were active in the area. Moderate to high degree of confidence in designation. Future exploration expected.			
3	Moderate	Favourable geologiacl environment for resource occurrence. Very favourable geological data from one or more criteria; but significant occurrences lacking. Moderate degree of confidence in designation. Future exploration likely, particularly if near an area of higher designation. Good potential for upgrading classification.			
2	Moderate	Moderately favourable environment for resource accumulation as indicated by one line of evidence (ie. favourable geology, mineralization or anomalous geochemistry with no other supporting data). Areas generally lack sufficient prospecting to identify resources. Moderate to low degree of confidence in designation. Future reconnaissance exploration to be expected. Good potential for upgrading classification.			
1	Low	Current data indicates that the existence of resources is unlikely. Moderate to high degree of confidence in designation. Future exploration for deposit types considered is unlikely.			
U	Unknown	Current data is either outdated or insufficiently detailed for a reasoned determination of mineral potential. High degree of confidence in designation. Future exploration could occur in parts of the area.			
		SYMBOLS ANOMALOUS THRESHOLDS			

Showing			
INERAL DEPOS	SIT MODELS		
eposit Type	Commodities	Geological Indicators	Example
Alkaline	Cu, Au	Crowded porphyritic alkaline intrusions;	Mt. Milligan (93N/

	선생님 경기 나는 아들은 없이 뭐하다면 하다.		
Polymetallic	Au, As, Sb,	Quartz veins (+/-epithermal) near intrusions	Wit (93N/1)
Veins	Pb, Zn	and faults.	20 million tonnes
			7% Pb-Zn
Skarns	Cu, Au	Limey sediments in close proximity to	Dem Lake
		alkaline intrusions; skarn alteration.	(93K/16)

DEFINITION OF ANOMALOUS THRESHOLDS (RGS)

REFERENCES

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