



Geological Survey Branch

MINERAL POTENTIAL MAP 1992-9

MINERAL POTENTIAL OF THE GERMANSEN LANDING AREA

NTS 93N/10 (North Half), 93N/15 (South Half)

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Scale 1:50 000

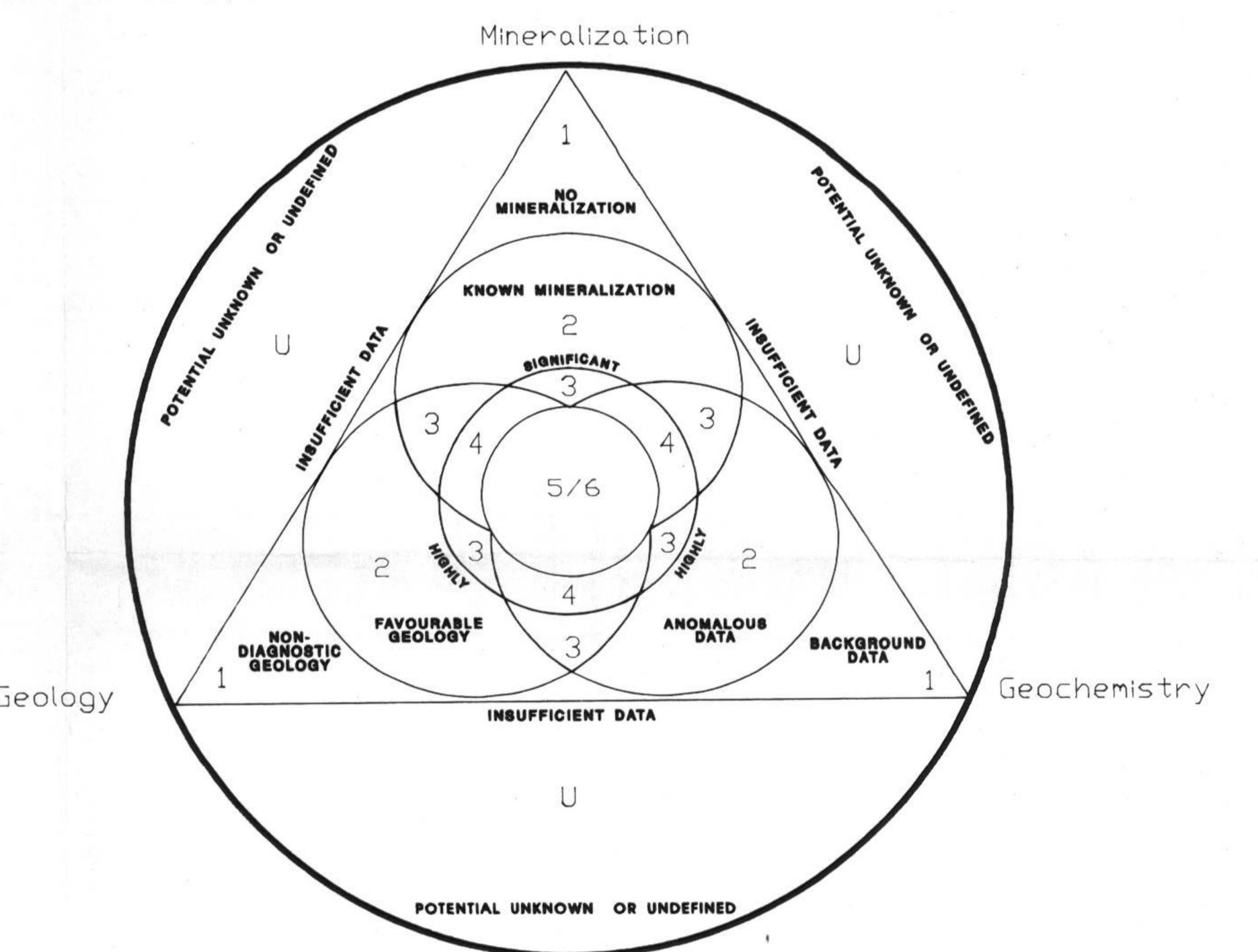
1 2 3 4 5 kilometres

INTRODUCTION

The Germansen Landing area is predominantly underlain by rocks belonging to the Takla and Nina Creek groups. The southern part of the map area is intruded by the multiphase Germansen Batholith. The most notable structure is the right-lateral Manson fault zone. This structural zone is economically important as most of the placer operations and precious metal showings in the area are associated with it.

CLASSIFICATION OF MINERAL POTENTIAL

(Modified from McLaren, 1990).



QUALITATIVE DESCRIPTIONS OF METALLIC MINERAL POTENTIAL CLASSIFICATIO

Class	Potential	Description
6	Extremely High	Known deposits (developed prospects) with significant identified resources in the ground. Very favourable supporting data from all applicable areas; very high degree of confidence in 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
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Vvein
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V Disseminated Sulphides

REFERENCES

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- Ferri, F., Melville, D.M. and Arksey, R.L. (1989): Geology of the Germansen Landing Area, 93N/10 and 93N/15; British Columbia Ministry of Energy, Mines and Petroleum Resources, Open File 1989-12.
- McLaren, G. (1990): A Mineral Resource Assessment of the Chilko Lake Planning Area British Columbia Ministry of Energy, Mines and Petroleum Resources, Bulletin 81.