

Pine Creek Goldfields
Annual Report for MCN's 1063 - 1064, MCN's 1068 - 1072
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Contents

- 1.Introduction
- 2.Previous work
- 3.Geology
- 4.Discussion and recommendations

Figures

1. Location plan

Appendix

Statment of Expenditure

1. Introduction

The mineral claims N 1063 - 1064, and N 1068 - 1072 are situated approximately 2km south of the Pine Creek township on the south eastern boundary of MLN 13 (figure 1.).

The new Stuart Highway diversion cuts through these claims providing good access to the area.

The topography consists of a broadly flat lying valley rising to a small ridge about 10km's long by half a kilometre wide. The southern drainage from this ridge and from the western region flow through the claims, eventually draining into the Cullen River to the southeast.

These claims were previously held jointly by Zapopan N.L and Rose Quartz Mining N.L and were transferred to Pine Creek Goldfields during 1991. Minimal exploration has taken place and there appears to be potential for alluvial style mineralisation only.

2. Previous work

Previous exploration work has consisted of some ground reconnaissance work and air photo interpretation by Zapopan. There is evidence that some trenching has been carried out, however no reported results of this work are available.

The area was mapped as part of a 1:25,000 scale regional mapping program, carried out by J.Fawckner for Pine Creek Goldfields during 1991/92.

3. Geology

The stratigraphy in the area as mapped in detail on neighbouring leases, consist of medium to coarse grained greywackes and grits, with minor interbedded siltstones belonging to the Lower Proterozoic Burrell Creek Formation.

Regional mapping of the Pine Creek area has indicated the absence of any major structural features in the area of these mineral claims. This suggests that the potential for hard rock mineralisation is low.

There is a thick covering of alluvial gravels presumed to have drained from the ridges in the north containing the mineralised areas of Kohinoor and Enterprise.

Very little outcrop is present, and most of the ground has been turned over by old-time miners looking for alluvial gold.

Holden (1989), noted the presence of a uniform layer of recent black soil covering the area to an average depth of approximately one metre.

4. Discussion and recommendations

Although potential for any reasonable size mineralisation is relatively low, the area needs to be mapped at a scale of 1:5,000 or less to confirm this. At the same time any quartz veining present should be chipped and analysed for gold.

Zapopan estimated the possibility of alluvial style mineralisation of up to 200,000m³ although no grade assessment was made. Sampling to test the alluvial potential would require the bulk-testing of material or extensive trenching and sampling with a ditchwitch or similar.

Expenditure for 1st January 1991 - 31st September 1993

Item	\$
Salaries and Wages	500
Consumables	-
Assaying	-
Earthmoving	-
Diamond drilling	-
Percussion drilling	-
Surveying	1000
Tenement costs	215
Motor vehicle expenses	100
Subtotal	<u>1815</u>
Overheads at 10%	182
TOTAL	<u>1997</u>

References

Holden, D. Annual Report for MCN's 1063,1064,1068 - 1072, Zapopan N.L