Qbs No 2.

50500'

REPORT ON WORK AT EAGLE CREEK

4 DEC. – 11 ~~NOV.~~ DEC. 1956

56-128

REPORT ON WORK AT EAGLE CREEK
4DEC-11 DEC 1956

(Copy 1 of 2)

Rep on Work at Eagle Ck
L.E.E. 24/12/56

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24th December, 6

Report on Work at Eagle Creek - 4th December to 11th December, 1956.

The prospect on Eagle Creek was not located.

I have come to the conclusion that the prospect would be found easier by working from a camp at the mouth of Eagle Creek. The reason for this is that to get to where the H.E.C. track crosses Eagle Creek and back to the High Plains camp would take 4 - 5 hours per day.

I carried out geochemical testing of all streams crossed and obtained negative results in all cases except the Franklin. This River contained 10 p.p.m. (parts per million) of Pb, Zn, Cu, expressed as Zn. This high result is most probably due to contamination along the Lyell Highway. Location of test point is Pillinger 5/20808; 37,88.

Some attempt at doing some regional geology was made but little progress was made due to lack of outcrops. Even in the creeks there were few solid outcrops as most of the bottoms were boulders. The results of this work will be placed on the regional map.

D. Sampey.

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Lithologies east of Eagle Creek

Caroline Creek Sandstone - medium to coarse grained white, light grey to light grey-green sandstone, often showing current bedding. Sometimes harder silicified tubercular like structures occur in the grey-green variety. In some places it is strongly silicified and in others it is very friable.

Pebble bed at base of Caroline sandstone contains smooth pebbles of quartz about ½" diameter and angular fragments of schist up to 1" x ½".

Pre-Cambrian Schists

1. Medium to coarse grained (up to ¼" daimeter flakes of mica) dark grey-blue schists, 2" bands of quartzite occur within these dark schists.
2. Golden yellow (oxidized) biotite schists consisting almost entirely of ½" diameter flakes of mica.