The Principal Registrar  
The Dept. Mines & Energy  
Box 2901 GPO  
Darwin 0801

Dear Sir,

E.L.4166 Peel Creek: Final Report

The above E.L. was surrendered on 21 August 1991.

During the dry season of 1990 a detailed exploration programme was carried out. This consisted of stream sediment and chip sampling over the area. This work resulted in the identification of an anomalous area of gold mineralization approximately seven kilometres long and two hundred metres wide. This area is situated in fine grained red siltstones of the Burrel Creek formation, with numerous quartz reefs up to one metre in width. These reefs are parallel to the bedding (vertical) and strike N.N.E.

Trenching and sampling of the reefs showed very low gold values, with no samples exceeding 1 g/t. We are satisfied that these reefs are responsible for the generally coarse alluvial gold in the area, that led to our initial E.L. application.

During the dry of 1991, further chip samples were taken and magnetometer and scintillator traverses were run over the area. No anomalous results were recorded.

Please refer to our previous reports for the assay results and maps.

We rehabilitated the area on the 12th of September 1991. All trenches have been filled in and all grid pegs removed. Inspection by the Department should be carried out soon, as the oncoming wet season will make the area inaccessible for six months or more.

Total expenditure on the area was $30,070.

Yours faithfully,

D.J. Langley