



SINCLAIR NICKEL PROJECT

SCOPE OF WORK

GR Engineering was appointed to undertake the engineering, design, procurement, construction and commissioning of the new process plant facilities and associated infrastructure at the Sinclair Nickel Project.

The plant treats 300,000 tpa of ore to produce a saleable nickel concentrate. The process plant is designed to enable the initial processing of a supergene ore blend. Consideration in the design is also made for the subsequent processing of a primary ore blend. Blended ore is processed through a conventional crushing and grinding circuit followed by sequential flotation of the nickel minerals. The ROM ore pad is managed to facilitate adequate blending of the ore prior to presenting to the plant.

The plant consists of run of mine (ROM) ore storage; single stage jaw crushing and crushed ore stockpile; primary grinding using a SAG mill; flotation and concentrate regrinding; concentrate thickening, filtration and storage; tailings thickening, disposal and water return; reagent mixing, storage and distribution; and services including water and air.

GR Engineering commenced the EPC design and construction of the process plant facilities in September 2007 and completed the project, on schedule, in October 2008.

Commodity: Nickel

Region: Australia

Location: Approximately 81 km west of Leonora in the north Eastern Goldfields region of Western Australia

Project Type: Greenfields, EPC design and construct

Client: Xstrata Nickel Australasia Operations Pty Ltd

Award Date: September 2007

Completion Date: October 2008

Project Manager: Steve Kendrick

Process Manager: Gerard Neeling