

## Mining Industry – Case Studies



**Tailings Management Facility**



**CCD Tanks**

**Project:** Goro  
**Location:** New Caledonia  
**Scope:**

The scope of works on this project was to supply and install geomembrane to 6No large process ponds, to install double lining system and permanent leak detection system to 6No CCD tanks. Also, a tailings management facility (TMF) of 750,000sq.m.

**Details of Companies Involved:**

Client:	Vale Inco
Main Contractor:	GCT
Designer:	GCT
Membrane Manuf.:	Solmax, REMA Tip Top, GSE
Supply & Installation:	F.L.I. Environmental

**Materials:**

1.5mm Smooth LLDPE	750,000 m <sup>2</sup>
2.0mm Smooth LDPE	140,000 m <sup>2</sup>
1.5mm Smooth HDPE	40,000 m <sup>2</sup>
1.5mm Textured HDPE	12,000 m <sup>2</sup>
2.0mm Smooth HDPE	21,000 m <sup>2</sup>
2.0mm Textured HDPE	60,000 m <sup>2</sup>
2.5mm Textured HDPE	20,000 m <sup>2</sup>
3.0mm Smooth HDPE	15,000 m <sup>2</sup>
3.0m3.0mm Smooth HDPE	15,000 m <sup>2</sup>
REMA Chemoline G4	9,000 m <sup>2</sup>
Various other textiles and composites	