

# SPOTLIGHT: GOLD EXTRACTION & RECOVERY PROCESS CONVERSION (RIL TO CIL)

**INDUSTRY:** Mining

**SCOPE:** Capital Project (Upgrade); Shutdown, Turnaround

**ABOUT THE PROJECT:**

A longstanding client required a new recovery process at one of its mines. Brahma completed the conversion of the gold extraction and recovery circuit process from a resin-in-leach (RIL) to a carbon-in-leach (CIL).

**BRAHMA'S ROLE:**

Brahma installed approximately 8,000 linear feet of piping ranging from 2-18" in diameter. The piping consisted of a variety of styles including carbon steel, stainless steel, rubber-lined, and Victaulic. Brahma placed the concrete foundations and assembled and installed the loaded carbon screens.

<b>PROJECT HIGHLIGHTS:</b>	
<b>PROJECT LENGTH:</b>	7-week shutdown schedule
<b>PROJECT SERVICES:</b>	<ul style="list-style-type: none"> <li>▪ Capital Project Construction</li> <li>▪ Shutdowns, Outages &amp; Turnarounds</li> <li>▪ Pipe Fitting &amp; Welding</li> <li>▪ Structural Concrete &amp; Grout</li> <li>▪ Rotating-Equipment Installation, Maintenance &amp; Alignment</li> <li>▪ Heavy Rigging, Equipment Removal &amp; Installation</li> </ul>
<b>SPECIAL CHALLENGES:</b>	<ul style="list-style-type: none"> <li>▪ This project required careful planning and agility due to the space constraints of working in existing pipe racks – most of which were elevated 60' above ground level.</li> <li>▪ The plant had an aggressive 7-week shutdown schedule. By creatively planning and performing as much work as possible while the plant was in operation, we were able to meet the client's schedule.</li> </ul>

