

**Client:**

Mt Burgess Mining NL

**Project:**

Kihabe Base Metals Project

**Project Location:**

Maun, Botswana

**Project Value:**

USD 217M (2009)

**Services:**

- Testwork
- Scoping Study

## 1. Project Overview

Mt Burgess holds title for base metals over contiguous Prospecting Licenses on either side of the Botswana-Namibia border. On the Botswana side of the border, the Company has, to date, defined at the Kihabe and Nuxx deposits a combined resource of 27.4 Mt at 2.32% zinc equivalent grade, applying a 0.5% zinc equivalent low grade cut. The Kihabe zinc/lead/silver deposit is a classic SEDEX type, i.e. mainly sulphide type ores, some 2.6 km long, with an average width of 15 m within a range of up to 50 m in thickness. The Nuxx deposit, 7 km east of Kihabe, is formed in a shallow syncline of quartz wacke, hosting oxidised zinc/lead mineralisation.

A distinguishing feature of the Kihabe deposit is the presence of Baileychlore mineral, a unique oxide form of zinc.

Potential mine throughput is projected to be 2.5 Mt/a and producing in excess of:

- **21,000 t/a** of Pb concentrate including 10 t of contained Ag
- **47,800 t/a** of Zn concentrate

## 2. Scope of Work

ProMet supplied the following services:

- Review of existing testwork and supervision of additional testwork to improve recoveries
- Co-ordination of mine planning and integration of results into Study Process plant design
- Process plant design including crushing, milling and flotation
- Filter plant, concentrate storage and material handling design
- Transportation study
- Design of infrastructure requirements
- Review of downstream processing options including Ausmelt furnaces
- Overall preliminary project execution schedule
- Preparation of CAPEX and OPEX estimates
- Preliminary financial analysis
- Completion of final report

## 3. Project Schedule

- Scoping study completed May 2009
- Testwork ongoing

