

MINING

CAPABILITIES AND EXPERIENCE

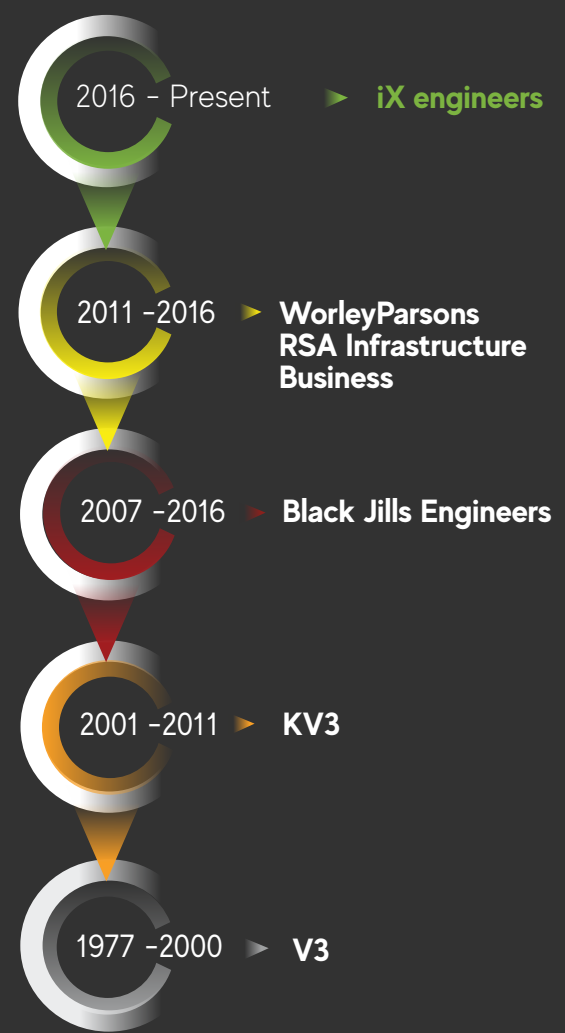


Creating the **future of life** today

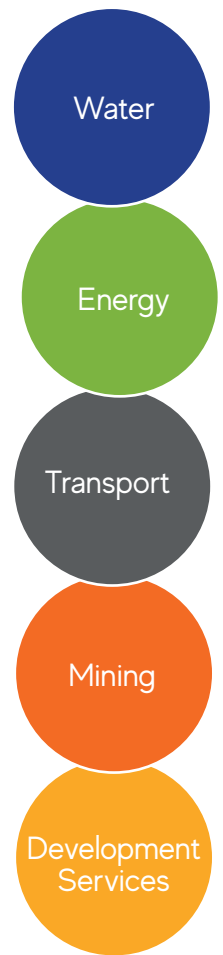
Company Overview

- 40+ Years Industry Experience
- 9 Offices
- 100% Owned by Staff
- 43% Black Women Owned
- 56% Black Owned
- Level 1 B-BBEE Contributor
- +270 Staff
- Technology Driven

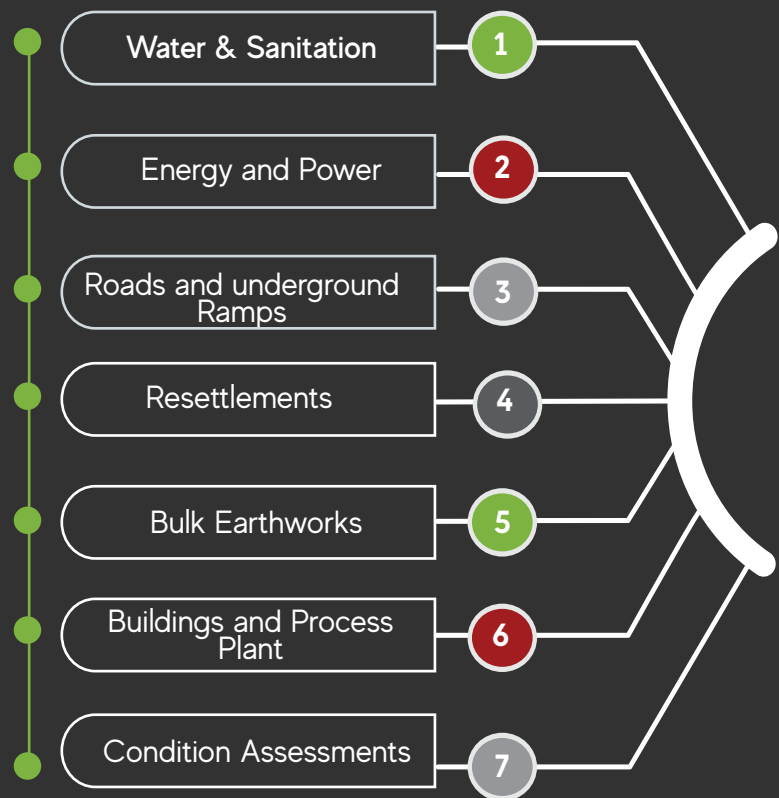
Our Evolution



Market Segments



Key Mining Solutions



Projects

1

Client: Anglo American

Mogalakwena Mine: Pumping Infrastructure Assessment and Conceptual Design

The Mogalakwena Mine is an open cast mine (Platinum). The existing mine pit dewatering system was reviewed and hydraulically assessed. Solutions for augmentation and upgrading of the dewatering system were developed for the current Mine Plan (2021) as well as for the future Mine Plans (2026 and 2039-2043).

2

Client: DeBeers

Venetia Mine Musina Bulk Water Supply Project

As part of the Bulk Water Supply Project, a study was conducted to determine the current water demands of Musina and projected future water demands, including a water balance.

A status quo and condition assessment of the existing bulk water supply infrastructure were performed. Upgrading and refurbishment options were developed to restore functionality and augmentation options were identified to increase the transfer capacity of the supply system.

3

Client: Anglo American

Investigation of Short-Term Water Supply Options for Mokopane

The project comprised an assessment of the existing groundwater and surface water resources supplying the town of Mokopane and the peri - urban areas surrounding Mokopane.

Options to supply Mokopane that could be implemented within a short time (3 to 4 months) were identified and recommended for further study and implementation. Groundwater resources as well as surface water resources were investigated.

Engineering Disciplines

- 1 Civil Engineering/Structural
 - 2 Mechanical/Electronic Engineering
 - 3 Project Management (PM)
 - 4 Exploration Services
 - 5 Mine Engineering
- 5 Feasibility Studies

Projects
Continue

4

Client: Anglo American

Mogalakwena Mine: Blinkwater and Vaalkop 1 & 2 Sediment Control Systems

The existing sediment (silt traps) for the Vaalkop 1 & 2 and the Blinkwater tailings storage facilities are not operating satisfactorily. Solutions for improving the efficiency and operation of the silt traps were developed.

5

Client: Anglo American

Silt Trap of the Mototolo Concentrator

The existing silt trap of the Mototolo Concentrator is not working satisfactorily. Solutions were developed to improve the settling efficiency of the incoming flows, to improve and ease the removal of the settled sediment from the silt trap and to formalize and improve the dewatering of settled sediment.



Mogalakwena Mine: Pumping Infrastructure



De Beers Venetia Mine



Mokopane Ground Water Refurbishment



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