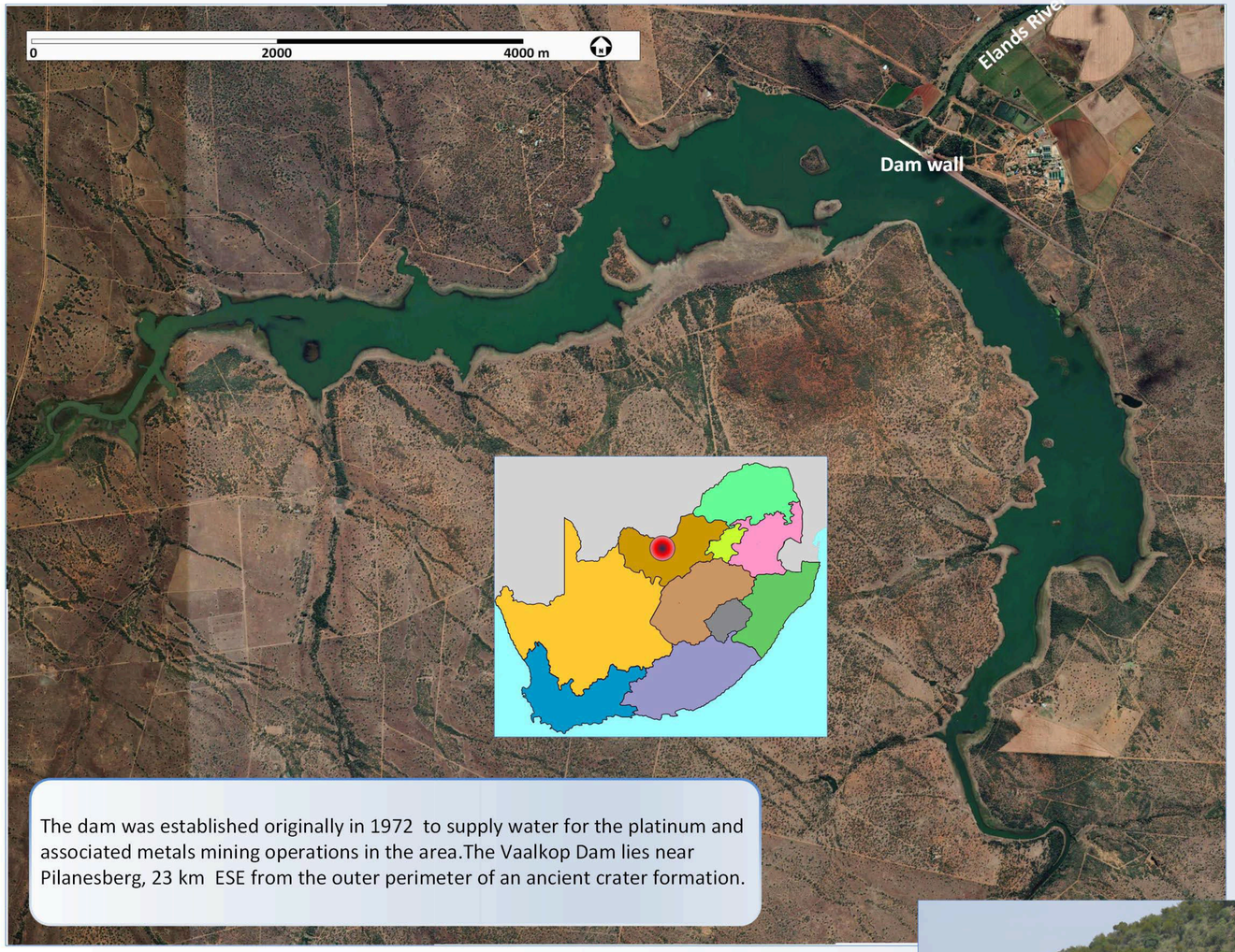
WATERINFO: South African Dams: **VAALKOP DAM**

WAM TECHNOLOGY

Factsheet WID22



The dam was established originally in 1972 to supply water for the platinum and associated metals mining operations in the area.The Vaalkop Dam lies near Pilanesberg, 23 km ESE from the outer perimeter of an ancient crater formation.

- 50% of the capacity can supply 480 000 domestic users with water for 1 year (150 liter/ person/day).
- The surface area is equivalent to 1400 rugby fields.









Eastern earthfill flank.







21 March 2009



VAALKOP DAM (25.307941 S; 27.475069 E)

Completed: **1972;** Raised: **2008**	River: **Elands River.**	Capacity: **53.5 million m^3**
Type of dam: **Earthfill and concrete gravity.**		
Length of wall (top): **2491 m**	Length of dam (longest distance from wall to inflow): **7.5 km**	
Nearest town: **Rustenburg.**	Surface area: **1110 ha**	
Water use: **Domestic, industrial and irrigation.**		
Capacity compared to the Bospoort Dam 30 km away: **3 times larger.**		

References, literature and photos:
References:https://en.wikipedia.org/wiki/Vaalkop_Dam;
Photos: DWA; http://mapio.net/ (Hendrik van den Berg)