Dam:	Taung	Country	South Africa
River	Harts	27°31'33.91"S 24°51'15.03"E	-27.526087 24.854176
Owner/Client	Department of Water & Sanitation & the former Bophuthatswana Department of Water Affairs		
Designer/Engineer	P.J. van der Walt		
Contractor	Savage and Lovemore (East Cape) Pty Ltd		

Purpose (code)	I W
Site start	01.06.1990
RCC start	01.08.1991
RCC completion	30.09.1992
Site completion	31.05.1993
Height (m)	50
Length (m)	320
Volume of RCC (m^3x10^3)	132
Total volume (m^3x10^3)	153
Reservoir capacity (m^3x10^6)	66
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	V 0.75
Forming of downstream face (code)	(1) (1) *
Spillway slope	0.75
Forming of spillway face (code)	(1) *
Depth of layers (mm)	250
Depth of lifts (mm)	250
Cement content (kg/m^3)	44
Pozzolan content (kg/m^3)	66
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0101

Completed Dam

RCCDAM0101CD

Google Earth

RCCDAM0101GE

Guide to Abbreviations

Purpose

E	Environmental
F	Flood control
G	Groundwater recharge
H	Flood control
I	Irrigation
N	Navigation
P	Pollution control
R	Recreation
W	Water supply

Facing method

(1)	Traditional concrete against formwork
(2)	Traditional concrete against formwork with external geomembrane
(3)	RCC against formwork
(4)	RCC against formwork with external geomembrane
(5)	Traditional concrete against precast concrete panels
(6)	Traditional concrete against precast concrete panels with geomembrane
(7)	RCC against precast concrete panels
(8)	RCC against precast concrete panels with geomembrane
(9)	RCC against precast concrete panels with hot poured membrane
(10)	RCC against precast concrete blocks
(11)	Reinforced conventional concrete cast before RCC placement
(12)	Reinforced conventional concrete cast after RCC placement
(13)	Reinforced concrete cast against precast units or slip-formed facing elements
(14)	Slip-formed/extruded facing elements
(15)	RCC supported by fill shoulders
(16)	Mechanically compacted unformed face of RCC
(17)	Unformed face of RCC
'	GEVR/GE-RCC
*	Stepped face

Pozzolans

(-)	No Pozzolan Used
(C)	High-lime flyash (ASTM Class C)
(F)	Low-lime flyash (ASTM Class F)
(M)	Milled sand
(N)	Natural pozzolan (ASTM Class N)
(R)	ROLAC (mixture of flyash and slag with or without limestone fines)
(S)	Ground-granulated blast-furnace slag
(L)	Mixture of GGBFS and limestone fines