



BENCHMARK
 TOP OF A PIPE IN A CONCRETE BEACON AT THE BOTTOM END OF THE WESTERN INCLINED HOIST MARKER TEAM
 HEIGHT CONSTANT 47.470m
 CO-ORDINATES:
 LOCAL SYSTEM
 Y:41834.227 X:13 058.656 Z:-898.909m BELOW DATUM
 LO27 SYSTEM (CLARKE 1880 CAPE DATUM)
 Y:39 559.140 X:2 722 490.935 Z:-929.888m AMSL
 LO27 SYSTEM (WGS 84 HARTBEESHOEK DATUM)
 Y:39 527.197 X:2 722 786.282 Z:-929.888m AMSL

GPS BASE STATION
 STEEL TOWER ERECTED ON MOUNTAIN NEXT TO TNS BEACON 106
 CO-ORDINATES:
 LOCAL SYSTEM X:10 147.028 Z:-516.637m BELOW DATUM
 Y:40 764.959 X:10 147.028 Z:-516.637m BELOW DATUM
 LO27 SYSTEM (CLARKE 1880 CAPE DATUM)
 Y:38 838.665 X:2 723 539.240 Z:-1359.630m AMSL
 LO27 SYSTEM (WGS 84 HARTBEESHOEK DATUM)
 Y:38 806.765 X:2 723 834.560 Z:-1359.630m AMSL
 CO-ORDINATES OF ORIGIN OF LOCAL SYSTEM:
 LOCAL SYSTEM X:0.000 Y:0.000 Z:-0.000m
 LO27 SYSTEM (CLARKE 1880 CAPE DATUM)
 -26 149.979 Y -2 764 215.880
 LO27 SYSTEM (WGS 84 HARTBEESHOEK DATUM)
 Y:26 177.862 X:2 764 508.906

CONVERSION LOCAL SYSTEM TO LO27 SYSTEM 90°28'50"

LEGEND

SYMBOL	DESCRIPTION
	SURFACE RIGHTS
	MINING RIGHTS LP305132/1(45 & 47)
	PIT AREA
	ROADS
	RIVER
	INFRASTRUCTURE
	AREA A
	AREA D
	NEW DEVELOPMENT

NAME	DATE	SIGNATURE

REMARKS:

**ANGLO AMERICAN
 KUMBA IRON ORE
 THABAZIMBI IRON ORE MINE
 SURFACE LAYOUT
 MAGISTERIAL DISTRICT THABAZIMBI**