Appendix C

INTERVENTION BOOKLET

Intervention Summary

Baviaanskloof - Eastern Cape

Intervention Number	Description	Туре	Reference Document	Design Revision
L81A-01-201-00	Earthworks	New	Baviaanskloof Rehabilitation Plan: 2015	Α
L81B-01-201-00	Earthworks	New	Baviaanskloof Rehabilitation Plan: 2015	Α
L81B-01-202-00	Earthworks	New	Baviaanskloof Rehabilitation Plan: 2015	A
L81C-05-201-00	Earthworks- Top River Berm	New	Baviaanskloof Rehabilitation Plan: 2015	Α
L81C-05-202-00	Earthworks - Fields Berm	New	Baviaanskloof Rehabilitation Plan: 2015	Α
L81C-05-203-00	Earthworks - Cropcircle	New	Baviaanskloof Rehabilitation Plan: 2015	Α
L81C-05-204-00	Earthworks - River Rock Berm	New	Baviaanskloof Rehabilitation Plan: 2015	Α
L81C-05-205-00	Earthworks - Mainstream berm	New	Baviaanskloof Rehabilitation Plan: 2015	Α
L81C-06-201-00	Earthworks	New	Baviaanskloof Rehabilitation Plan: 2015	Α

Intervention	L81A-01-201
Designer	Morné Pienaar
Design Date	August 2015
Туре	New
Description	Earthworks
Rehabilitation Objectives	To reduce the competency and capacity of the primary stream on the fan surface to encourage increased aggredation within the stream channel and flooding across the fan
Latitude (D°M'S")	33°31'06.410" S
Longitude (D° M'S")	23°43'09.880" E

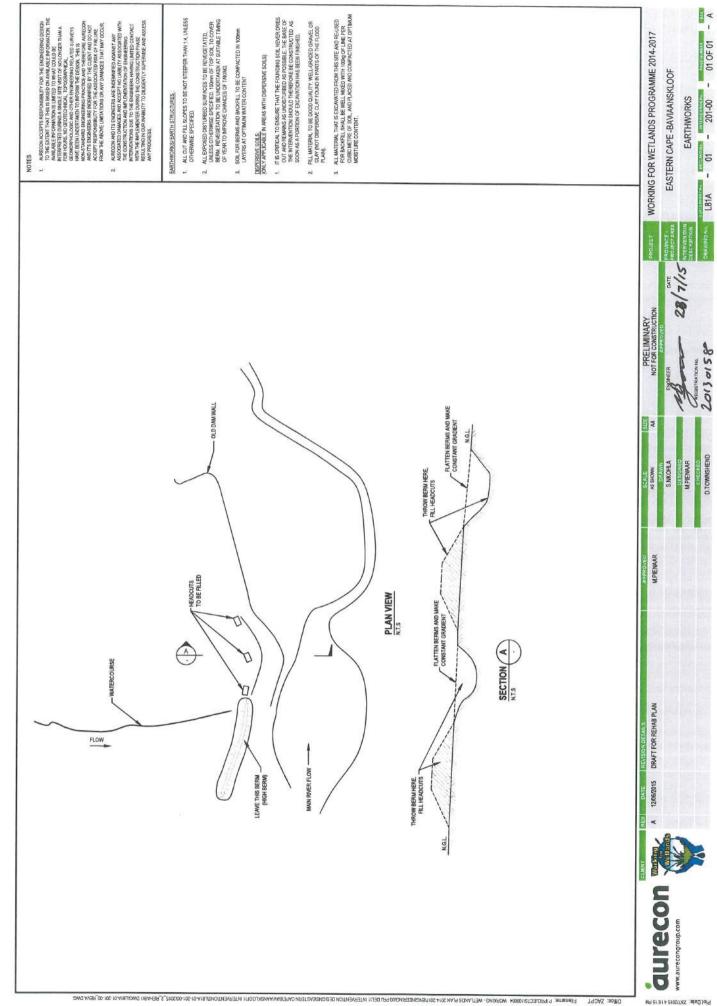
Location Photograph: L81A-01-201



Bill of Quantities

Item	Units	Rate	Quantity	Total
Earthworks (including lime if required)	m³	R 313.50	1540	R 482 790.00
Revegetation	m²	R 78.38	2000	R 156 760.00
Total				R 639 550.00

Construction notes for EMP



Intervention	L81B-01-201
Designer	Morné Pienaar
Design Date	August 2015
Туре	New
Description	Earthworks
Rehabilitation Objectives	To reduce the competency and capacity of the primary stream on the fan surface to encourage increased aggredation within the stream channel and flooding across the fan
Latitude (D°M'S")	33°30'34.860" N
Longitude (D° M'S")	23°52'33.090" E

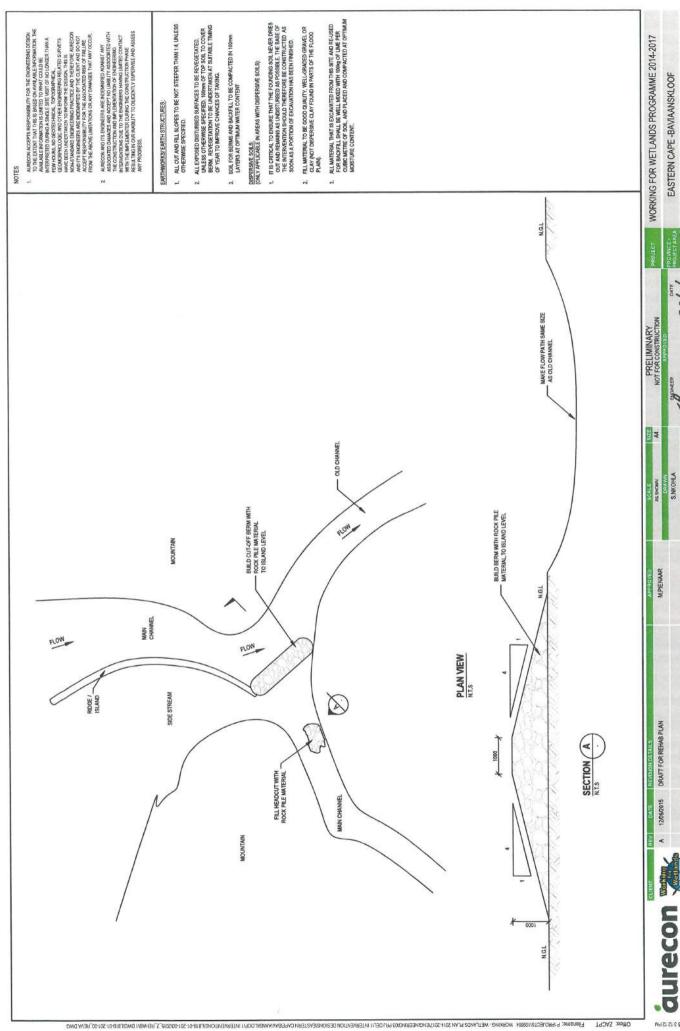
Location Photograph: L81B-01-201



Bill of Quantities

Item	Units	Rate	Quantity	Total
Rockpacks	m³	R 978.40	90	R 88 056.00
Total				R 88 056.00

Construction notes for EMP



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EARTHWORKS

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Intervention	L81B-01-202
Designer	Morné Pienaar
Design Date	August 2015
Туре	New
Description	Earthworks
Rehabilitation Objectives	To reduce the competency and capacity of the primary stream on the fan surface to encourage increased aggredation within the stream channel and flooding across the fan
Latitude (D°M'S")	33°31'14.100" N
Longitude (D° M'S")	23°52'30.230" E

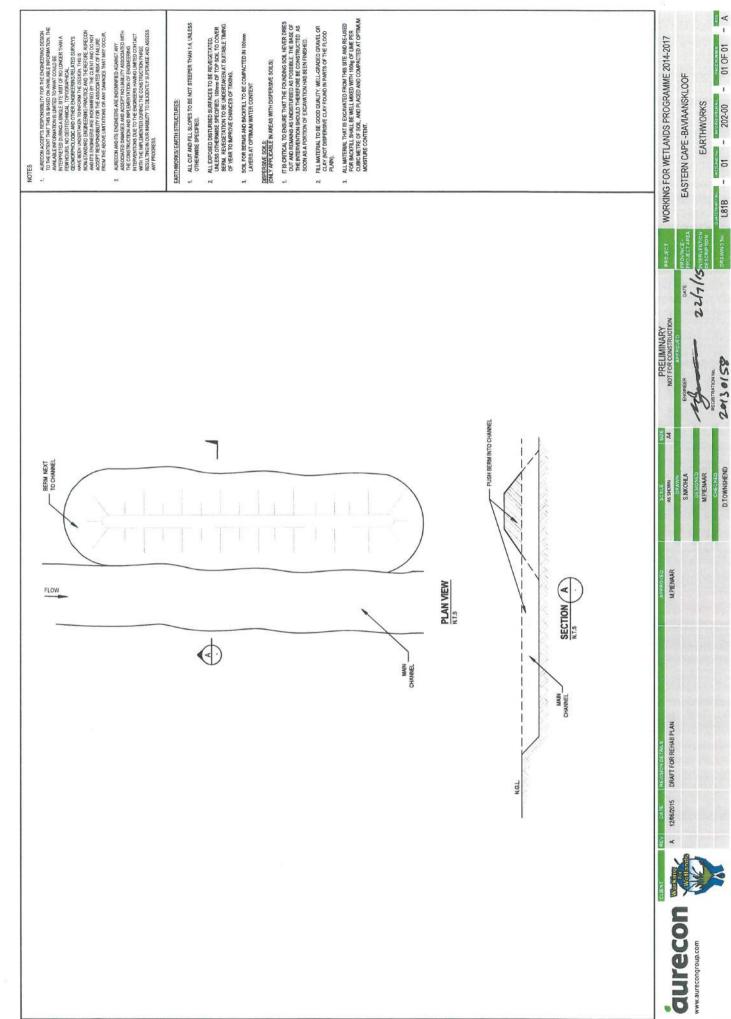
Location Photograph: L81B-01-202



Bill of Quantities

Item	Units	Rate	Quantity	Total
Earthworks (including lime if required)	m³	R 313.50	120	R 37 620.00
Revegetation	m²	R 78.38	830	R 65 055.40
Total				R 102 675.40

Construction notes for EMP



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Intervention	L81C-05-201
Designer	Morné Pienaar
Design Date	August 2015
Туре	New
Description	Earthworks- Top River Berm
Rehabilitation Objectives	To restore the surface hydrology of the fan through the removal of berms.
Latitude (D°M'S")	33°35'46.230" N
Longitude (D°M'S")	24°06'18.410" E

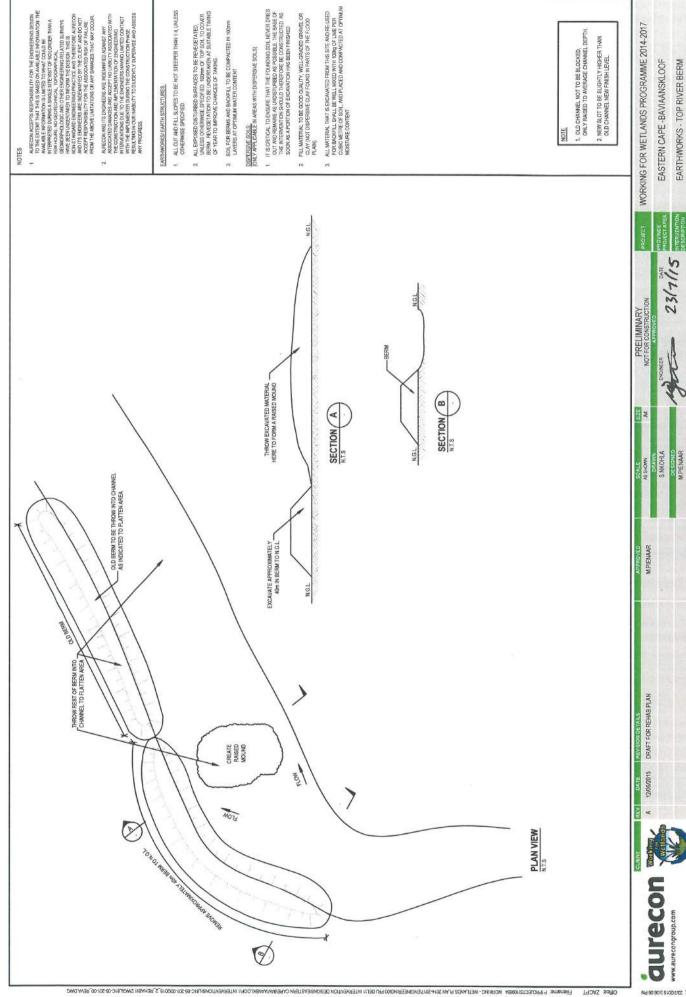
Location Photograph: L81C-05-201



Bill of Quantities

Item	Units	Rate	Quantity	Total
Earthworks (including lime if required)	m³	R 313.50	240	R 75 240.00
Revegetation	m²	R 78.38	720	R 56 433.60
Total				R 131 673.60

Construction notes for EMP



Office: ZACPT

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Intervention	L81C-05-202
Designer	Morné Pienaar
Design Date	August 2015
Туре	New
Description	Earthworks - Fields Berm
Rehabilitation Objectives	To restore the surface hydrology of the fan through the removal of berms.
Latitude (D°M'S")	33°35'21.650" N
Longitude (D°M'S")	24°06'36.360" E

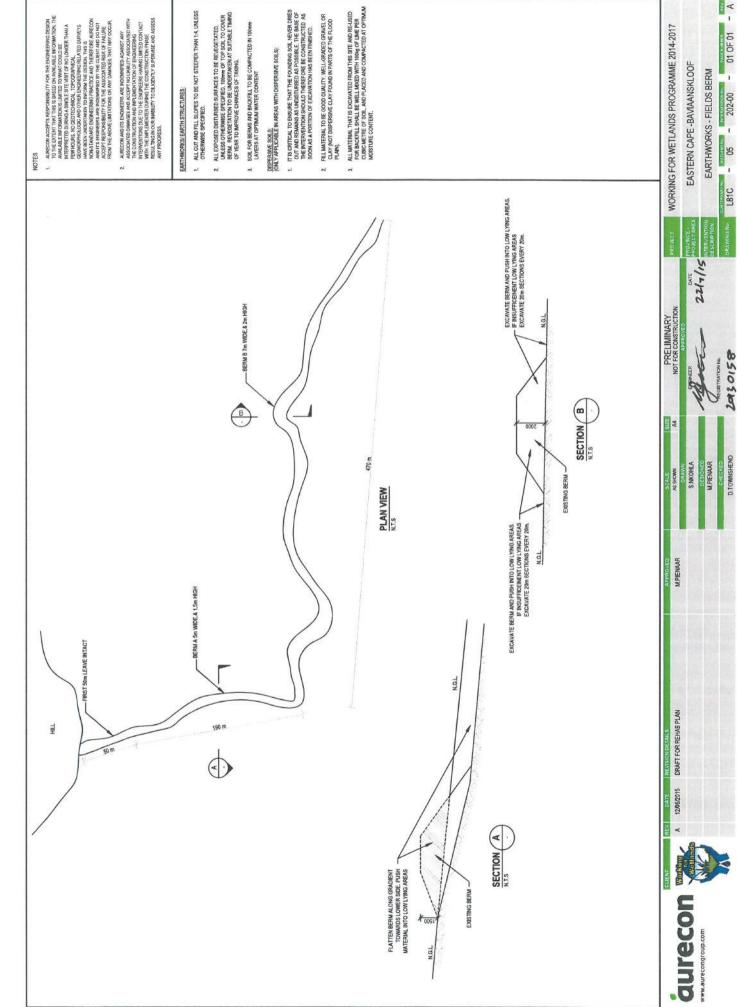
Location Photograph: L81C-05-202



Bill of Quantities

Item	Units	Rate	Quantity	Total
Earthworks (including lime if required)	m³	R 313.50	4240	R 1 329 240.00
Revegetation	m²	R 78.38	6000	R 470 280.00
Total				R 1 799 520.00

Construction notes for EMP



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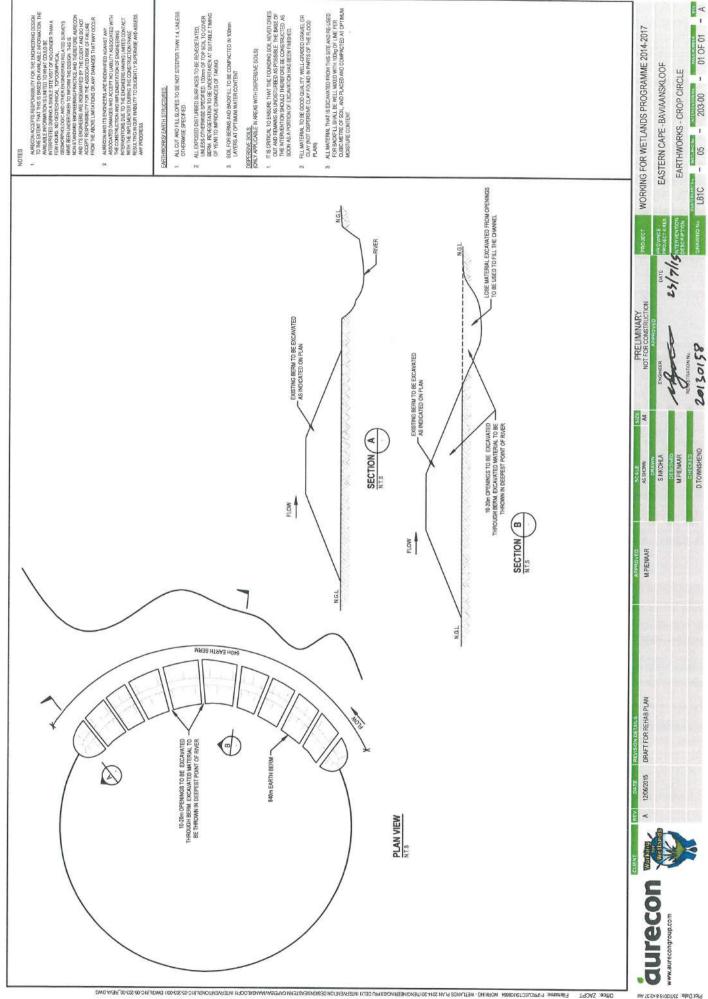
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Intervention	L81C-05-203
Designer	Morné Pienaar
Design Date	August 2015
Туре	New
Description	Earthworks - Cropcircle
Rehabilitation Objectives	To restore the surface hydrology of the fan through the removal of berms.
Latitude (D°M'S")	33°35'02.310" S
Longitude (D°M'S")	24°06'50.730" E

Bill of Quantities

Item	Units	Rate	Quantity	Total
Earthworks (including lime if required)	m³	R 313.50	300	R 94 050.00
Revegetation	m²	R 78.38	500	R 39 190.00
Total				R 133 240.00

Construction notes for EMP



Intervention	L81C-05-204		
Designer	Morné Pienaar		
Design Date	August 2015		
Туре	New		
Description	Earthworks - River Rock Berm		
Rehabilitation Objectives	To restore the surface hydrology of the fan through the removal of berms.		
Latitude (D°M'S")	33°34'41.570" N		
Longitude (D°M'S")	24°07'04.640" E		

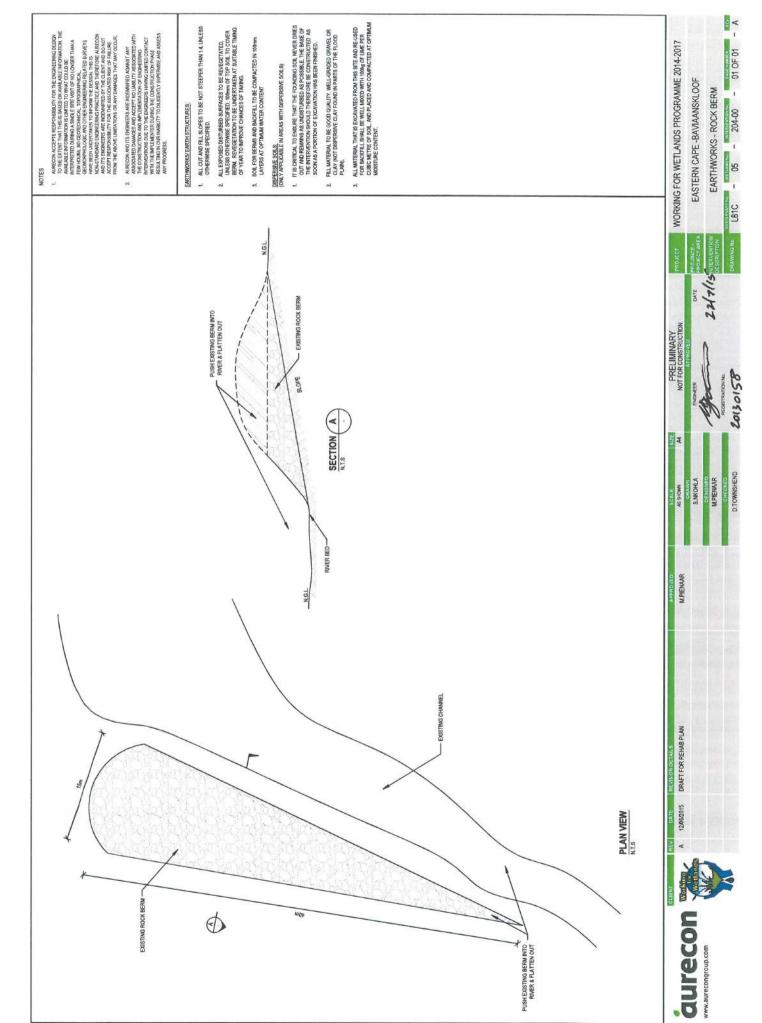
Location Photograph: L81C-05-204



Bill of Quantities

Item	Units	Rate	Quantity	Total
Earthworks (including lime if required)	m³	R 313.50	400	R 125 400.00
Revegetation	m²	R 78.38	600	R 47 028.00
Total				R 172 428.00

Construction notes for EMP



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Intervention	L81C-05-205		
Designer	Morné Pienaar		
Design Date	August 2015		
Туре	New		
Description	Earthworks - Mainstream berm		
Rehabilitation Objectives	To restore the surface hydrology of the fan through the removal of berms.		
Latitude (D°M'S")	33°34'34.070" N		
Longitude (D°M'S")	24°07'22.840" E		

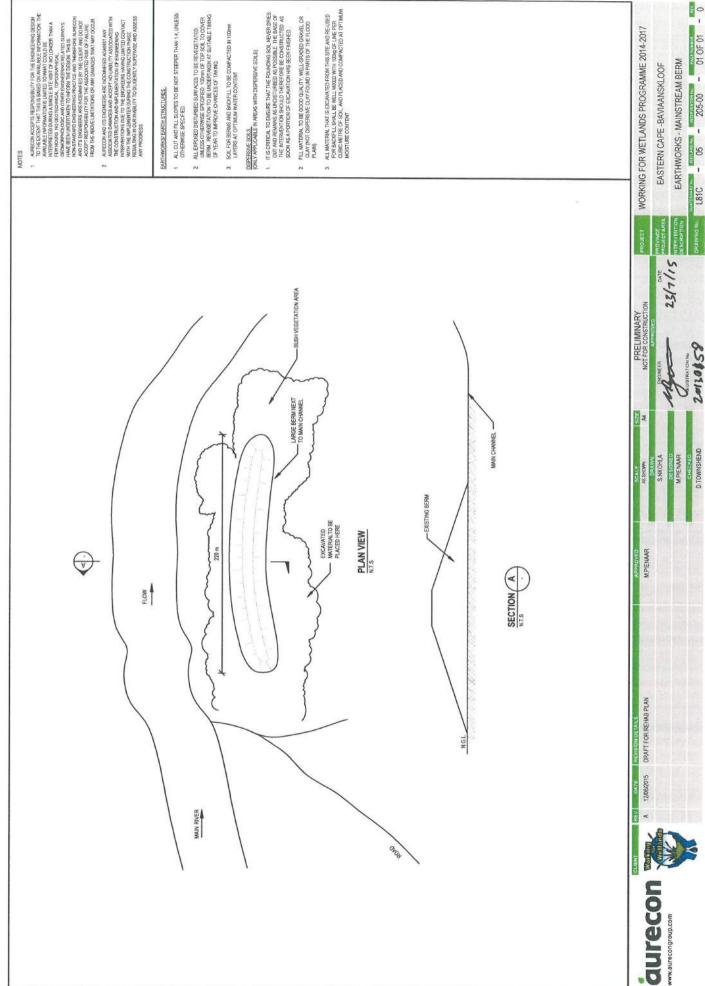
Location Photograph: L81C-05-205



Bill of Quantities

Item	Units	Rate	Quantity	Total
Earthworks (including lime if required)	m³	R 313.50	970	R 304 095.00
Revegetation	m²	R 78.38	1500	R 117 570.00
Total				R 421 665.00

Construction notes for EMP



Filename: Profice (1910) (1904

Office: ZACPT

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Intervention	L81C-06-201
Designer	Morné Pienaar
Design Date	August 2015
Туре	New
Description	Earthworks
Rehabilitation Objectives	Reinstate the hydrological and geomorphic processes of the left-hand (north western) portion of the fan where the cultivation has been abandoned
Latitude (D°M'S")	33°33'35.700" N
Longitude (D° M'S")	24°02'55.850" E

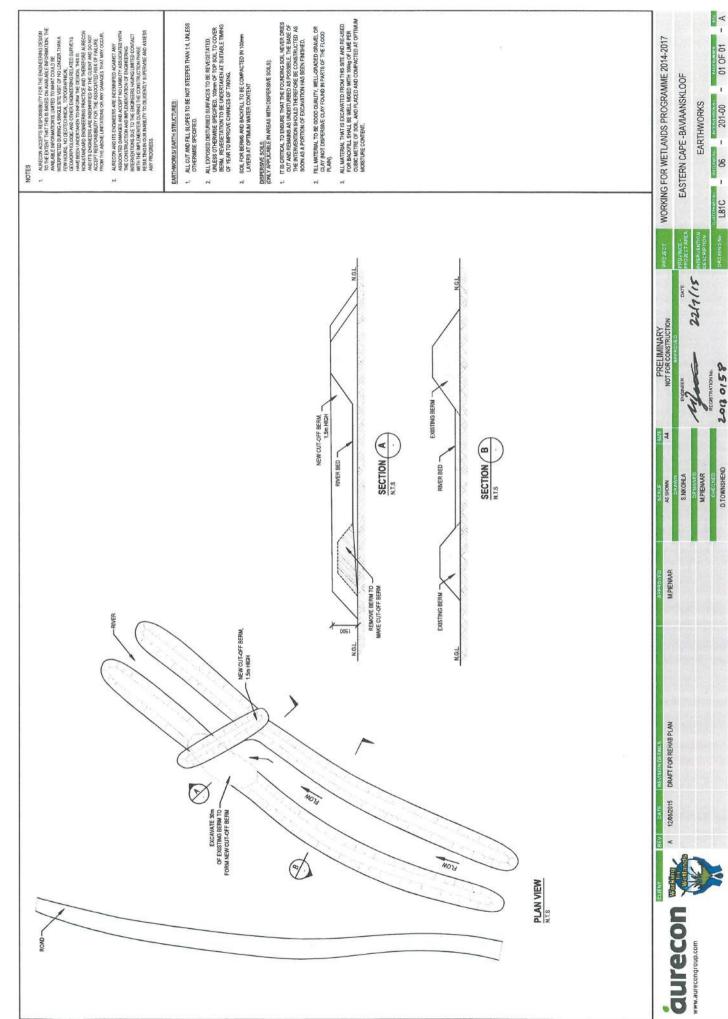
Location Photograph: L81C-06-201



Bill of Quantities

Item	Units	Rate	Quantity	Total
Earthworks (including lime if required)	m³	R 313.50	90	R 28 215.00
Revegetation	m²	R 78.38	140	R 10 973.20
Total				R 39 188.20

Construction notes for EMP



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