



PROJECT REPORT

AIRPORT CITY, CAPE TOWN - SOUTH AFRICA

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| EQUIPMENT: | RIC 9000 |
| PROJECT: | AIRPORT CITY, RE-DEVELOPMENT |
| LOCATION: | AIRPORT CITY, CAPE TOWN - SOUTH AFRICA |
| PURPOSE: | IMPROVE BEARING CAPACITY OF GROUND FOR NEW BUSINESS PARK SURROUNDING AIRPORT |

In South Africa; the developing company CSV needed to increase the bearing capacity of a 15 hectare site surrounding Cape Town International Airport.

The land was previous used as a dumping ground and had between 2-6m of sand, miscellaneous refuse and builders rubble to treat. Director Neil Theron created a sub-division of CSV and brought in Braam Compion to direct operations of the new company RIC Africa. A RIC 9000 unit was bought and mounted on a CAT 345B in order to complete the task.



BSP RIC 9000 mounted on CAT 345B



Compacting miscellaneous waste fill

| Specifications | |
|--------------------------------|---|
| Area: | 150, 000 sq.m |
| Contract Period: | 32 weeks |
| Depth on fill: | 2 to 6m |
| Water Table: | 1 to 4m |
| Compaction method: | 60 blows per point with final set limited to 4mm per blow |
| Specification Required: | 150 kPa bearing 20mm max settlement |
| Production rate: | 950 sq.m / day |
| Plate bearing tests: | 6 to 9mm final settlement |



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