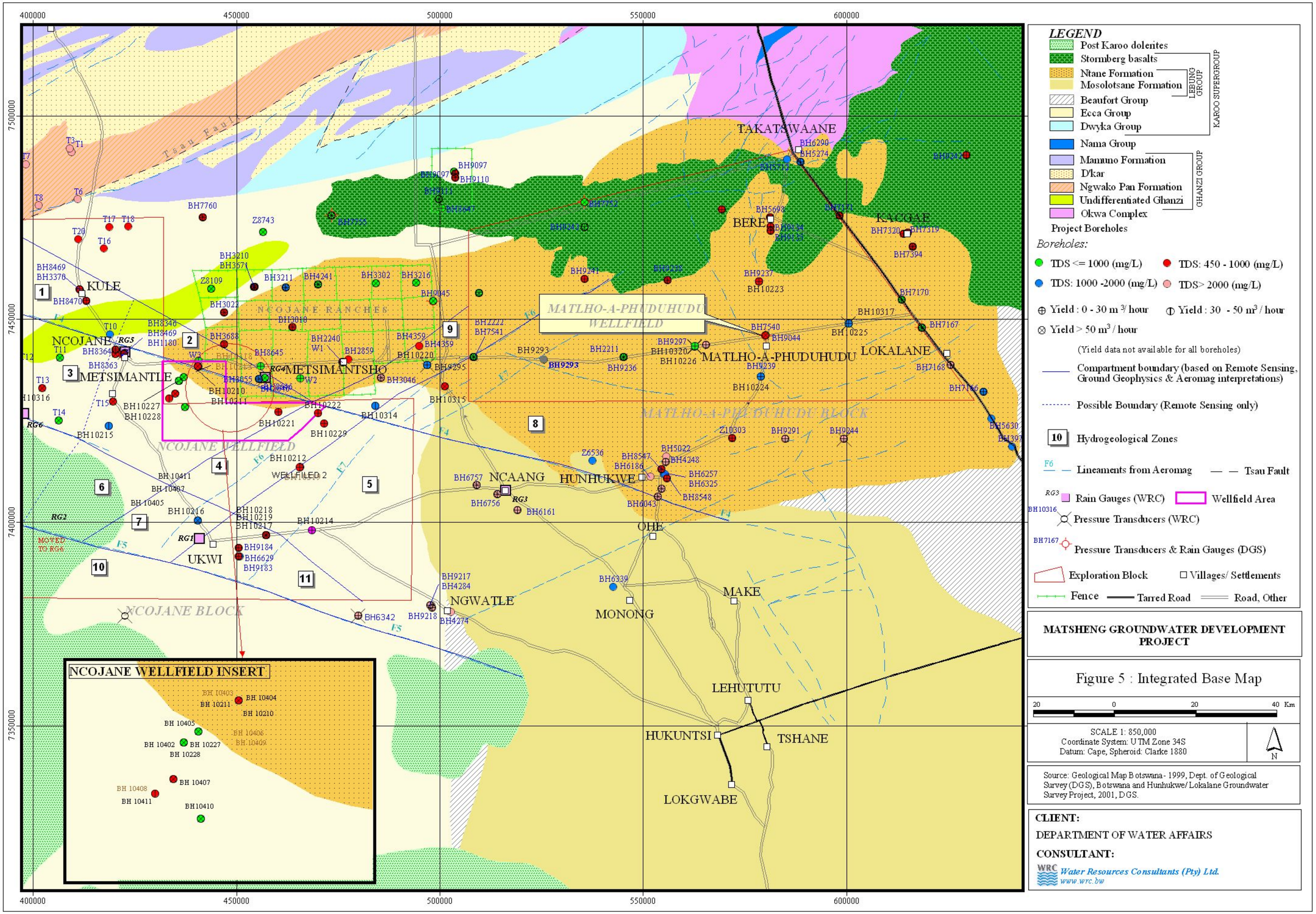
LEGEND
Post Karoo dolerites
Stormberg basalts
Ntane Formation
Mosolotsane Formation
LEBUNG GROUP
Beaufort Group
Ecca Group
Dwyka Group
KAROO SUPERGROUP
Nama Group
Mamuno Formation
D'kar
Ngwako Pan Formation
Undifferentiated Ghanzi
GHANZI GROUP
Okwa Complex
Project Boreholes
Boreholes:
TDS <= 1000 (mg/L)
TDS: 450 - 1000 (mg/L)
TDS: 1000 -2000 (mg/L)
TDS> 2000 (mg/L)
Yield : 0 - 30 m 3/ hour
Yield : 30 - 50 m3 / hour
Yield > 50 m3 / hour
(Yield data not available for all boreholes)
Compartment boundary (based on Remote Sensing, Ground Geophysics & Aeromag interpretations)
Possible Boundary (Remote Sensing only)
Hydrogeological Zones
Lineaments from Aeromag
Tsau Fault
Rain Gauges (WRC)
Wellfield Area
Pressure Transducers (WRC)
Pressure Transducers & Rain Gauges (DGS)
Exploration Block
Villages/ Settlements
Fence
Tarred Road
Road, Other
MATSHENG GROUNDWATER DEVELOPMENT PROJECT
Figure 5 : Integrated Base Map
20 0 20 40 Km
SCALE 1: 850,000
Coordinate System: UTM Zone 34S
Datum: Cape, Spheroid: Clarke 1880
N
Source: Geological Map Botswana - 1999, Dept. of Geological Survey (DGS), Botswana and Hunhukwe/ Lokalane Groundwater Survey Project, 2001, DGS.
CLIENT:
DEPARTMENT OF WATER AFFAIRS
CONSULTANT:
WRC Water Resources Consultants (Pty) Ltd.
www.wrc.bw
400000
450000
500000
550000
600000
7500000
7450000
7400000
7350000
TAKATSWAANE
BERE
KAGGAE
KULE
NCOJANE
METSIMANTLE
METSIMANTSHO
MATLHO-A-PHUDUHUDU
LOKALANE
MATLHO-A-PHUDUHUDU BLOCK
MATLHO-A-PHUDUHUDU WELLFIELD
NCOJANE RANCHES
NCOJANE WELLFIELD
WELLFILED 2
NCOJANE BLOCK
NCAANG
HUNHUKWE
OHE
UKWI
NGWATLE
MONONG
MAKE
LEHUTUTU
HUKUNTSI
TSHANE
LOKGWABE
Tsau Fault
NCOJANE WELLFIELD INSERT
BH 10403
BH 10404
BH 10211
BH 10210
BH 10405
BH 10406
BH 10409
BH 10402
BH 10227
BH 10228
BH 10407
BH 10408
BH 10411
BH10410