

thungela

LEPHALALE CBM PROJECT

ELLISRAS (LEPHALALE) DISTRICT

LIMPOPO PROVINCE

APPLICATION FOR
PRODUCTION RIGHT

IN TERMS OF SECTION 83 OF THE MPRDA.

DETAIL OF THE LAND
AS CONTEMPLATED IN
REGULATION 2(2) OF THE MPRDASURVEY SYSTEM
PROJECTION - GAUSS CONFORM
ELLIPSOID - CLARKE 1880 (Mod)
CAPE DATUM
CO-ORDINATE SYSTEM: Lo27

Lo27 (Cape Datum) to WG27 (WGS84-Hartebeesthoek94 Datum) TRANSFORMATION

TRIG	Lo27 (Cape Datum)		WG27 (Hartebeesthoek94 Datum)		PARAMETERS
	Y	X	Y	X	
TR1	-58390.02	2600039.54	-58359.01	2600335.02	CY = 4.4116
TR3	-99146.14	2613609.57	-99115.11	2613905.44	CX = 282.8850
TR6	-68874.43	2617691.38	-68843.74	2617996.88	A = 1.000045929
TR16	-12394.80	2611547.01	-12363.41	2611842.18	B = 0.0000103448
TR18	-105579.79	2578074.22	-105511.25	2578370.08	Scale = 0.000045929
TR2	-94707.71	2588412.14	-94677.02	2588707.90	Swing = +0.002.1
TR24	-80708.49	2598569.15	-80677.56	2598864.80	Std. Devn = 0.0808
TR31	-29826.72	2615493.09	-29795.35	2615788.37	
TR33	-49683.34	2605574.46	-49652.19	2605869.82	
TR34	-25991.86	2629023.19	-25960.35	2629318.30	
TR36	-27482.21	2599288.98	-27451.01	2599584.18	
TR41	-54855.78	2622826.44	-54824.46	2623121.73	
TR42	-74193.10	2619925.84	-74161.81	2620221.43	
TR61	-109099.72	2594919.37	-109069.05	2595215.29	

EXPLORATION RIGHT AREA, APPLICATION
TO CONVERT IT TO A PRODUCTION RIGHT
TOTAL:134 302.6699 ha
3RD EXPLORATION RIGHT REF. NO. 12/3/002/1C
 PERMIT No :
OFFICE REFERENCE : ER 12/3/002/1C
IDENTITY No : 1921/008700/07

APPLICANT

J.J. MEIRING
REGISTRATION No. PLS0394CHIEF EXECUTIVE OFFICER PETROLEUM AGENCY
CAPE TOWN

SIGN DATE

SIGN DATE

BOUNDARY POLYGON CO-ORDINATE LIST Lo27 (Cape Datum)				BOUNDARY POLYGON CO-ORDINATE LIST WG27 (WGS84-Hartebeesthoek94 Datum)			
POINT	Y	X	SG DIAGRAM	POINT	Y	X	SG DIAGRAM
A	-44609.00	2588287.00	DIGITISED	A	-44578.00	2588582.00	DIGITISED
B	-47754.00	2591616.00	DIGITISED	B	-47723.00	2591614.00	DIGITISED
C	-48725.00	2591480.00	DIGITISED	C	-48694.00	2591776.00	DIGITISED
D	-49660.00	2591598.00	DIGITISED	D	-49629.00	2591893.00	DIGITISED
E	-49890.00	2591627.00	DIGITISED	E	-49859.00	2591922.00	DIGITISED
F	-50838.00	2591732.00	DIGITISED	F	-50807.00	2592027.00	DIGITISED
G	-51592.00	2591725.00	DIGITISED	G	-51561.00	2591748.00	DIGITISED
H	-51604.00	2591447.00	DIGITISED	H	-51573.00	2591743.00	DIGITISED
J	-52203.00	2591188.00	DIGITISED	J	-52172.00	2591843.00	DIGITISED
K	-53139.00	2590737.00	DIGITISED	K	-53108.00	2591033.00	DIGITISED
L	-55033.00	2589724.00	DIGITISED	L	-55003.00	2590919.00	DIGITISED
M	-57273.00	2588125.00	DIGITISED	M	-57243.00	2588420.00	DIGITISED
N	-58171.00	2589491.00	DIGITISED	N	-58140.00	2589787.00	DIGITISED
P	-60098.00	2588703.00	DIGITISED	P	-60067.00	2588998.00	DIGITISED
Q	-62020.00	2589716.00	DIGITISED	Q	-61989.00	2588212.00	DIGITISED
R	-61239.00	2591001.00	DIGITISED	R	-61208.00	2591296.00	DIGITISED
S	-65814.00	2589920.00	DIGITISED	S	-65783.00	2589215.00	DIGITISED
T	-66712.00	2590974.00	DIGITISED	T	-66681.00	2591270.00	DIGITISED
U	-68499.00	2590233.00	DIGITISED	U	-68468.00	2590529.00	DIGITISED
V	-70043.00	2589598.00	DIGITISED	V	-70012.00	2589894.00	DIGITISED
W	-72931.00	2588412.00	DIGITISED	W	-72900.00	2588707.00	DIGITISED
Centre line of stream				Centre line of stream			
R3	-71551.00	2589672.00	DIGITISED	R3	-71520.00	2589968.00	DIGITISED
S3	-76376.00	2589582.00	DIGITISED	S3	-76345.00	2589878.00	DIGITISED
T3	-79550.00	2589060.00	DIGITISED	T3	-79519.00	2589356.00	DIGITISED
U3	-82769.00	2587379.00	DIGITISED	U3	-82738.00	2587674.00	DIGITISED
V3	-85380.00	2586935.00	DIGITISED	V3	-85349.00	2586623.00	DIGITISED
W3	-85610.00	2589455.00	DIGITISED	W3	-85579.00	2589159.00	DIGITISED
X3	-85639.00	2589144.00	DIGITISED	X3	-85608.00	2589440.00	DIGITISED
Y3	-85409.00	2585920.00	DIGITISED	Y3	-85378.00	2586215.00	DIGITISED
Z3	-88348.00	2584900.00	DIGITISED	Z3	-88318.00	2585195.00	DIGITISED
A4	-88780.00	2587684.00	DIGITISED	A4	-88749.00	2587979.00	DIGITISED
B4	-90700.00	2587138.00	DIGITISED	B4	-90670.00	2587434.00	DIGITISED
C4	-91914.00	2586389.00	DIGITISED	C4	-91883.00	2586685.00	DIGITISED
D4	-95070.00	2585075.00	DIGITISED	D4	-95039.00	2585371.00	DIGITISED
E4	-95356.00	2587837.00	DIGITISED	E4	-95326.00	2588133.00	DIGITISED
F4	-95833.00	2590988.00	DIGITISED	F4	-95802.00	2591283.00	DIGITISED
G4	-96291.00	2593264.00	DIGITISED	G4	-96260.00	2593560.00	DIGITISED
H4	-96279.00	2593383.00	DIGITISED	H4	-96248.00	2593679.00	DIGITISED
J4	-95530.00	2596746.00	DIGITISED	J4	-95499.00	2597042.00	DIGITISED
K4	-92740.00	2597861.00	DIGITISED	K4	-92709.00	2598157.00	DIGITISED
L4	-92318.00	2600914.00	DIGITISED	L4	-92287.00	2602120.00	DIGITISED
M4	-94631.00	2602856.00	DIGITISED	M4	-94600.00	2603454.00	DIGITISED
N4	-93372.00	2603305.00	DIGITISED	N4	-93341.00	2603601.00	DIGITISED
P4	-91402.00	2604007.00	DIGITISED	P4	-91371.00	2604303.00	DIGITISED
Q4	-91402.00	2604014.00	DIGITISED	Q4	-91372.00	2604310.00	DIGITISED
R4	-91422.00	2605186.00	DIGITISED	R4	-91391.00	2605482.00	DIGITISED
S4	-91672.00	2609126.00	DIGITISED	S4	-91642.00	2609422.00	DIGITISED
T4	-93567.00	2608717.00	DIGITISED	T4	-93536.00	2609012.00	DIGITISED
U4	-89859.00	2609908.00	DIGITISED	U4	-89828.00	2610204.00	DIGITISED
V4	-88592.00	2610348.00	DIGITISED	V4	-88561.00	2610644.00	DIGITISED
W4	-87633.00	2608143.00	DIGITISED	W4	-87602.00	2608439.00	DIGITISED
X4	-87392.00	2609126.00	DIGITISED	X4	-87361.00	2609422.00	DIGITISED
Y4	-82776.00	2608342.00	DIGITISED	Y4	-82746.00	2608638.00	DIGITISED
Z4	-75812.00	2610532.00	DIGITISED	Z4	-75781.00	2610827.00	DIGITISED
A5	-75750.00	2610551.00	DIGITISED	A5	-75719.00	2610847.00	DIGITISED
Centre line of stream				Centre line of stream			
A7	-76883.00	2611988.00	DIGITISED	A7	-76852.00	2612283.00	DIGITISED
B7	-71856.00	2613349.00	DIGITISED	B7	-71825.00	2613644.00	DIGITISED
C7	-70957.00	2613826.00	DIGITISED	C7	-70926.00	2614122.00	DIGITISED
D7	-70057.00	2614297.00	DIGITISED	D7	-70027.00	2614593.00	DIGITISED
E7	-68108.00	2615338.00	DIGITISED	E7	-68077.00	2615633.00	DIGITISED
F7	-65652.00	2616089.00	DIGITISED	F7	-65621.00	2616384.00	DIGITISED
G7	-63862.00	2616624.00	DIGITISED	G7	-63831.00	2616920.00	DIGITISED
H7	-62839.00	2617001.00	DIGITISED	H7	-62808.00	2617297.00	DIGITISED
J7	-60009.00	2618043.00	DIGITISED	J7	-59978.00	2618339.00	DIGITISED
K7	-59450.00	2618249.00	DIGITISED	K7	-59419.00	2618545.00	DIGITISED
L7	-58068.00	2616233.00	DIGITISED	L7	-58036.00	2616528.00	DIGITISED
M7	-56234.00	2614534.00	DIGITISED	M7	-56202.00	2614829.00	DIGITISED
N7	-51220.00	2616155.00	DIGITISED	N7	-51189.00	2616450.00	DIGITISED
P7	-50709.00	2613789.00	DIGITISED	P7	-50678.00	2614085.00	DIGITISED
Q7	-45906.00	2614096.00	DIGITISED	Q7	-45875.00	2614392.00	DIGITISED
R7	-46567.00	2611811.00	DIGITISED	R7	-46536.00	2612106.00	DIGITISED
S7	-45771.00	2610540.00	DIGITISED	S7	-45740.00	2609856.00	DIGITISED
T7	-42135.00	2610756.00	DIGITISED	T7	-42104.00	2611051.00	DIGITISED
U7	-42427.00	2611891.00	DIGITISED	U7	-42396.00	2612186.00	DIGITISED
V7	-39952.00	2614408.00	DIGITISED	V7	-39921.00	2614703.00	DIGITISED
W7	-39417.00	2613405.00	DIGITISED	W7	-39386.00	2613700.00	DIGITISED
X7	-38197.00	2610838.00	DIGITISED	X7	-38165.00	2611133.00	DIGITISED
Y7	-40886.00	2608587.00	DIGITISED	Y7	-40855.00	2608882.00	DIGITISED
Z7	-39686.00	2606260.00	DIGITISED	Z7	-39655.00	2606555.00	DIGITISED
A8	-39024.00	2604971.00	DIGITISED	A8	-38993.00	2605266.00	DIGITISED
B8	-37813.00	2602282.00	DIGITISED	B8	-37782.00	2602577.00	DIGITISED
C8	-37854.00	2602257.00	DIGITISED	C8	-37823.00	2602552.00	DIGITISED
D8	-40773.00	2600468.00	DIGITISED	D8	-40742.00	2600763.00	DIGITISED
E8	-40167.00	2599431.00	DIGITISED	E8	-40136.00	2599726.00	DIGITISED
F8	-44621.00	2600482.00	DIGITISED	F8	-44590.00	2600778.00	DIGITISED
G8	-44384.00	2597910.00	DIGITISED	G8	-44353.00	2598206.00	DIGITISED
H8	-42316.00	2598290.00	DIGITISED	H8	-42285.00	2598585.00	DIGITISED
J8	-38671.00	2596884.00	DIGITISED	J8	-38639.00	2597179.00	DIGITISED
K8	-36633.00	2599794.00	DIGITISED	K8	-36602.00	2600089.00	DIGITISED
L8	-34828.00	2595996.00	DIGITISED	L8	-34797.00	2596292.00	DIGITISED
M8	-33665.00	2597529.00	DIGITISED	M8	-33634.00	2597824.00	DIGITISED
N8	-32672.00	2599205.00	DIGITISED	N8	-32641.00	2599502.00	DIGITISED
P8	-29616.00	2596937.00	DIGITISED	P8	-29585.00	2599992.00	DIGITISED
Q8	-28163.00	2596825.00	DIGITISED	Q8	-28132.00	2597121.00	DIGITISED
Centre line of stream				Centre line of stream			
X15	-31914.00	2592196.00	DIGITISED	X15	-31882.00	2592491.00	DIGITISED
Y15	-35570.00	2592570.00	DIGITISED	Y15	-35539.00	2592865.00	DIGITISED
Z15	-36135.00	2592565.00	DIGITISED	Z15	-36104.00	2592952.00	DIGITISED
A16	-35929.00	2591569.00	DIGITISED	A16	-35898.00	2591864.00	DIGITISED
Centre line of stream				Centre line of stream			
D18	-38647.00	2591026.00	DIGITISED	D18	-38616.00	2591321.00	DIGITISED
C18	-38695.00	2591040.00	DIGITISED	C18	-38664.00	2591466.00	DIGITISED
B18	-41105.00	2590138.00	DIGITISED	B18	-41074.00	2590433.00	DIGITISED
Centre line of stream				Centre line of stream			
A	-44609.00	2588287.00	DIGITISED	A	-44578.00	2588582.00	DIGITISED