

GENERAL CONVENTIONS


Populated Centers	---
Passable road during dry season	====
Unpaved road, two or more ways	=====
Passable road during dry season in 4x4 vehicles and cart	=====
Bridle path, trail	-----
House, school	—
Contour line index	~
Contour line intermediate	~
Intermittent stream	~
Floodlands	~
Water hole	~
Pipeline	—
Projected wells P-### (PALAGUA), C-## (CAIPAL)	WELL

COORDINATES DEVELOPMENT WELLS


NAME	EAST	NORTH	NAME	EAST	NORTH
C-6a	953,890.33	1,169,778.18	P-106	952,528.40	1,163,427.90
C-6b	953,883.70	1,169,766.30	P-123	950,691.00	1,166,735.80
C-9a	954,093.00	1,170,095.00	P-133	952,485.29	1,165,723.76
C-9b	953,827.70	1,170,156.90	P-138a	951,890.60	1,162,387.00
C-9c	954,180.60	1,170,777.20	P-138b	951,991.20	1,162,236.60
P-2	952,712.73	1,163,077.17	P-139	952,290.70	1,162,136.90
P-10	952,091.20	1,162,636.60	P-141	951,540.60	1,166,036.50
P-27	952,364.40	1,164,503.70	P-142a	952,187.15	1,167,100.53
P-30	951,591.40	1,165,436.20	P-142b	951,840.70	1,167,285.60
P-32a	951,068.80	1,166,137.20	P-142c	951,789.60	1,167,407.20
P-32b	951,091.30	1,165,986.30	P-146	950,490.90	1,168,536.20
P-41	950,586.30	1,167,335.30	P-148	950,741.20	1,168,786.40
P-43a	951,797.96	1,167,136.45	P-169	952,141.00	1,164,037.30
P-43b	951,586.28	1,167,083.60	P-172	952,123.40	1,164,265.10
P-49a	952,431.20	1,166,474.10	P-175	951,544.00	1,163,920.00
P-49b	952,345.74	1,166,699.21	P-196	951,841.00	1,162,687.10
P-53	951,759.51	1,166,235.46	P-201	952,041.10	1,162,887.30
P-82	952,326.40	1,165,226.90	P-206	951,309.10	1,163,853.30
P-104a	952,284.06	1,165,587.66	P-210	950,991.20	1,165,336.00
P-104b	952,309.68	1,165,748.11	P-220	951,999.00	1,165,264.00

LEGEND

Quinchas mountain range	Environmental Protection area
Wetlands - floodlands	River channel protection area
Water springs	River channel protection area
Magdalena River, Hermitaño River, Negro River, and Gaguaquí river	River channel protection area
Palagua Marsh	It is presently contaminated with oil residues
Marafel wetland	Almost totally extinguished
Not renewable resources	Oil
Infiltration areas for aquifer recharge	Environmental Protection area
Recovery areas from degraded areas	Environmental Protection area



OVERSEAS PRIVATE INVESTMENT CORPORATION




JOSHI TECHNOLOGIES INTERNATIONAL, INC.

ASSESSMENT OF ENVIRONMENTAL IMPACT AND INDUSTRIAL SAFETY IN DEVELOPMENT WELLS PALAGUA - CAIPAL FIELD PUERTO BOYACA (BOYACA, COLOMBIA)

ECOSYSTEM STRATEGIC MAP

SCALE 1:20,000



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COORDINATE SYSTEM: **GAUSS - KRUGER BOGOTA**

DATE: **APRIL 2010**

MAP # **8**

Revised by: **RODRIGO DOMINGUEZ P.**