



SAVIA
PERÚ

LOTE Z-2B

PROGNOSIS POZO EXPLORATORIO LO6-26XD (SAN MATTEO)

Pedro Alarcón

Gerente Senior de Exploración

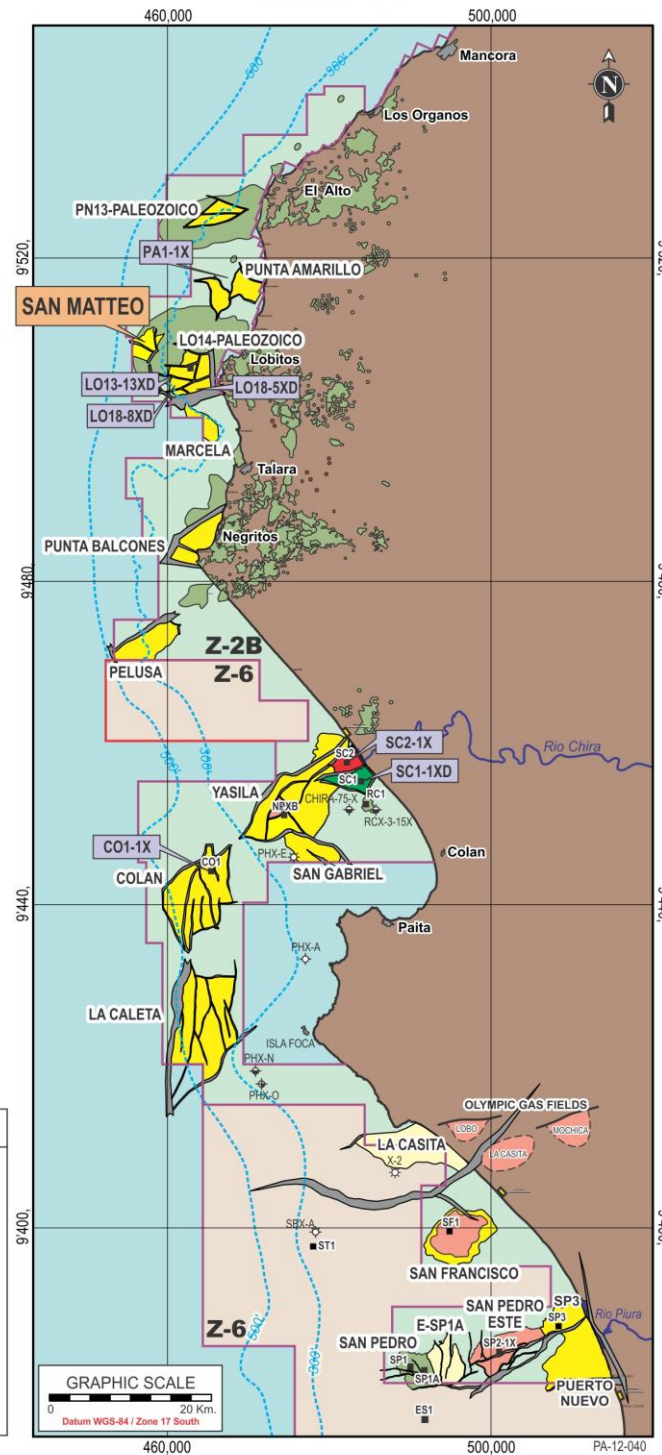
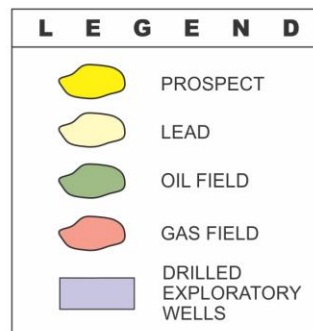
pedro.alarcon@saviaperu.com

PROSPECTS & LEADS Z2B

Pedro Alarcón 2012



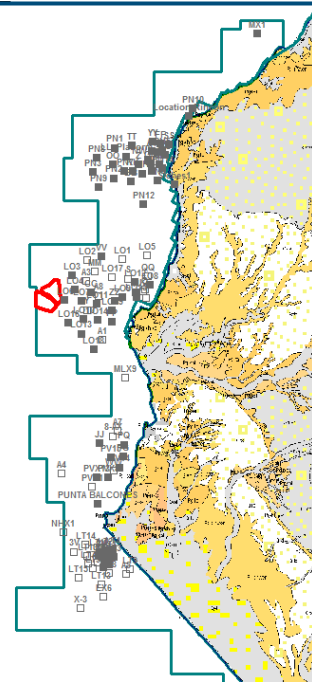
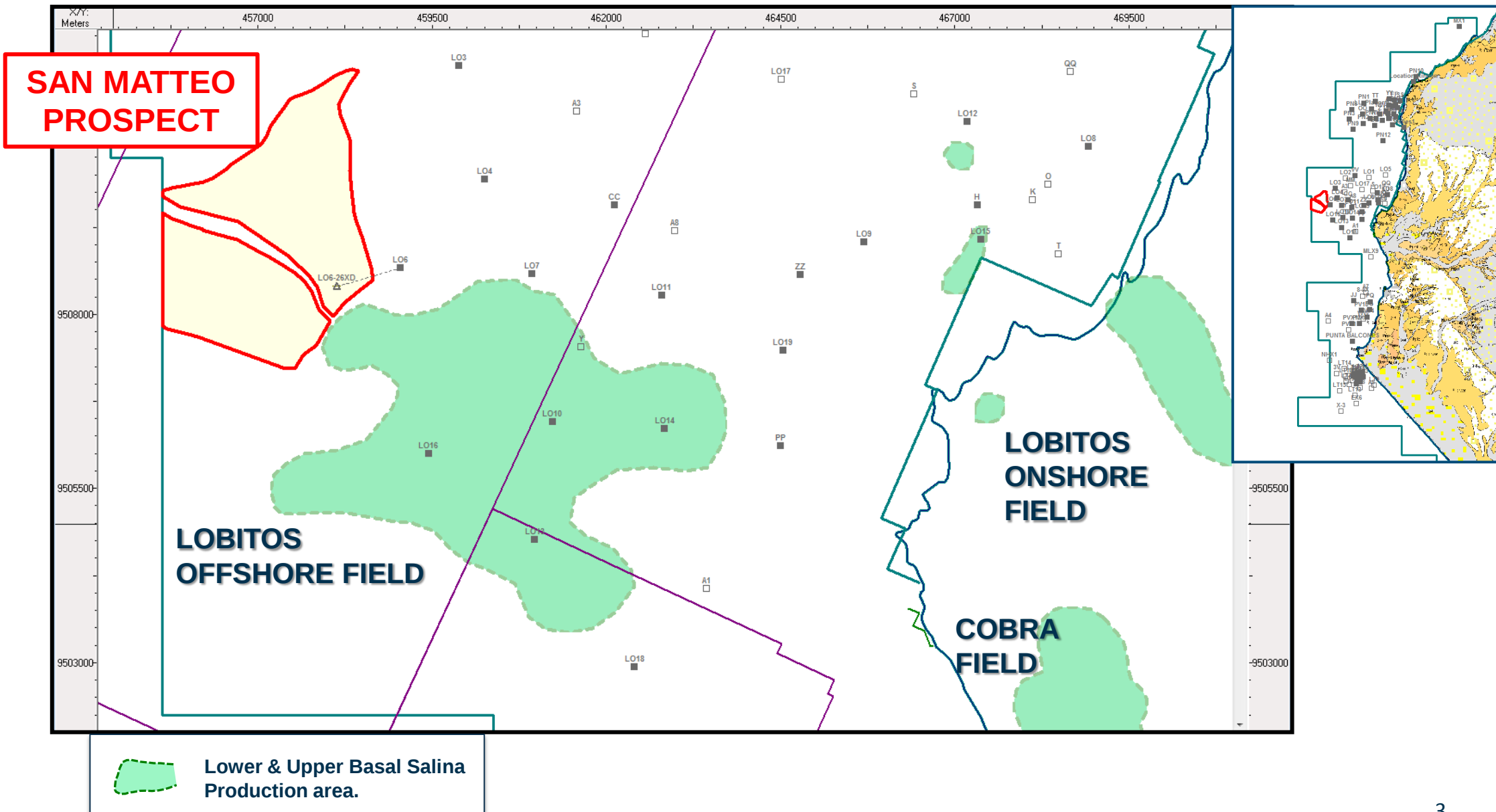
SAVIA
PERÚ



SAN MATTEO PROSPECT LOCATION MAP



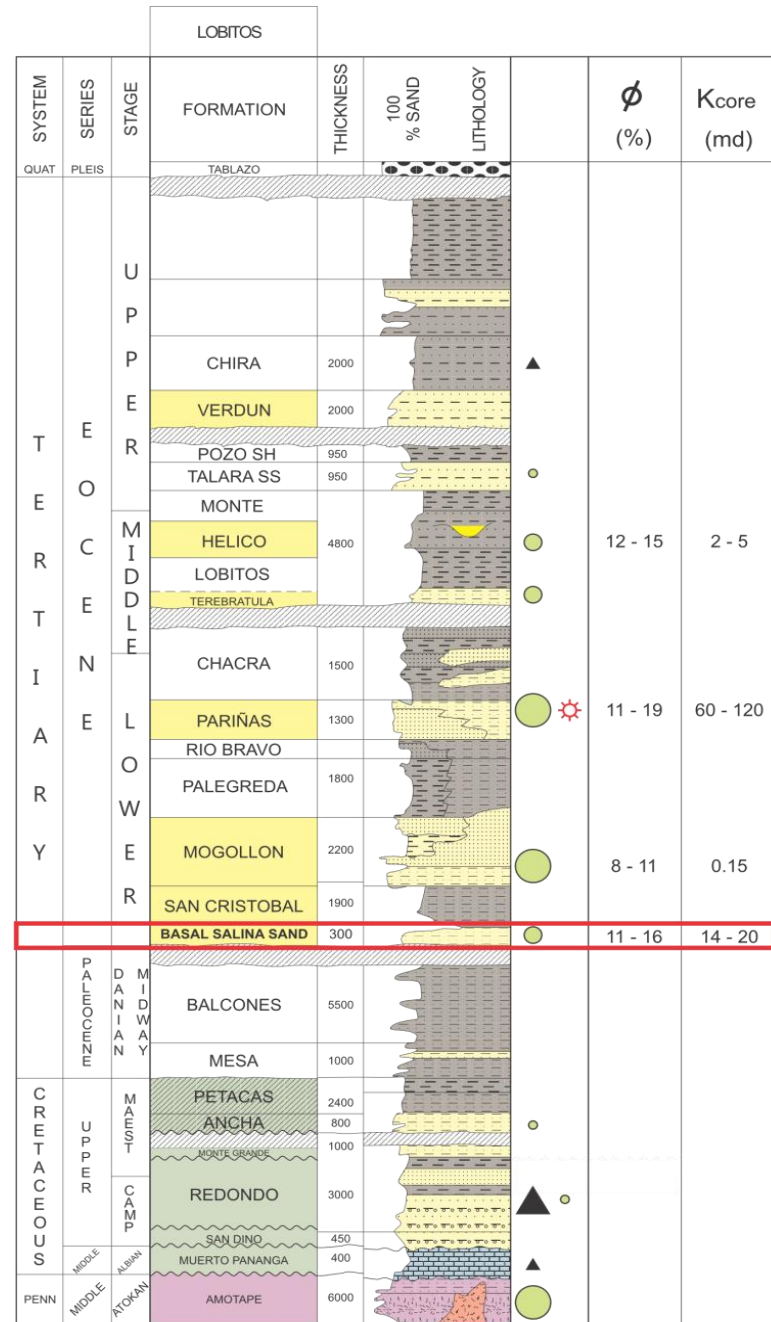
SAVIA
PERÚ



STRATIGRAPHIC COLUMN



SAVIA
PERÚ



● OIL ZONE
▲ SOURCE ROCK

PERMIAN INTRUSIVES

FP-12-011

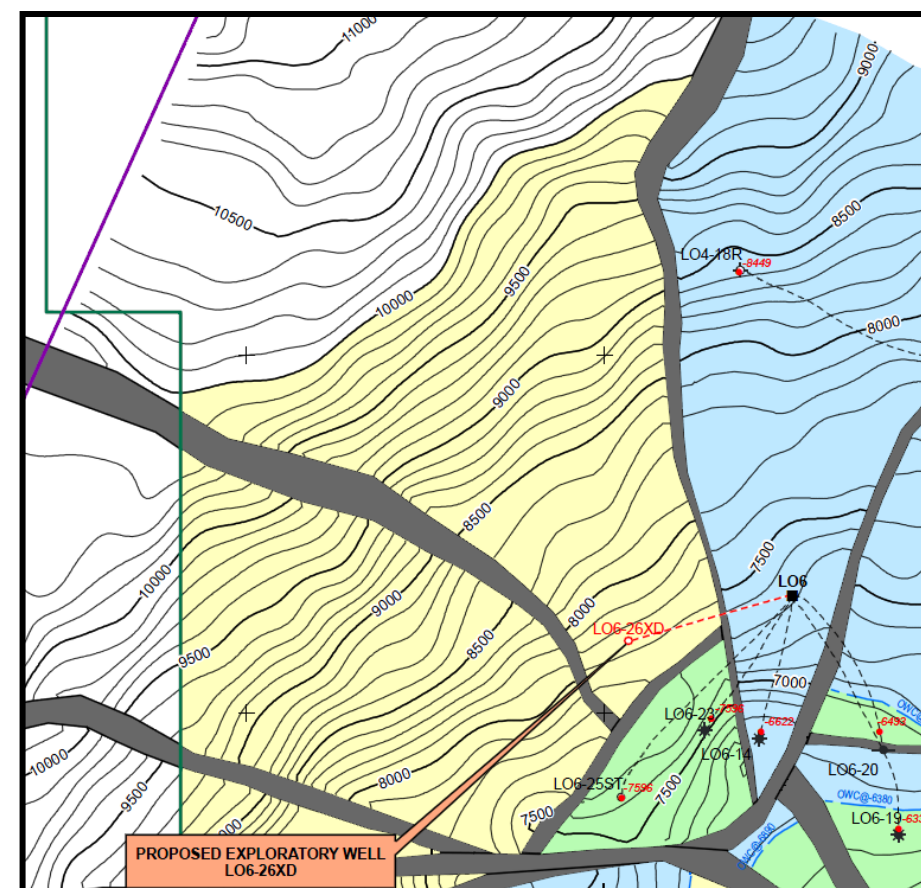
GEOLOGICAL PROGNOSIS									
AREA LOBITOS - SAN MATTEO		OFFICIAL WELL NUMBER		SAVIA PERU N° LO6-26XD (SAN MATTEO)		TYPE OF WELL EXPLORATORY		RIG N°	
PRIMARY OBJECTIVE LOWER BASAL SALINA				SECONDARY OBJECTIVE UPPER BASAL SALINA					
SURFACE COORDINATES (UTM) 9°508,662.12 mN 459,045.17 mE ("A" Conductor)				TARGET COORDINATES (UTM) 9°508,400 mN 458,133 mE					
E KB: L 50 FT V 335 FT A GROUND LEVEL T. ----- FT		DIRECTION OF W DEVIATE WELL S 74° W E ANGLE CONDUCTOR L FROM VERTICAL VERTICAL L RECOMENDED DEPTH OF K.O.P. 500 FT BUILD UP ANGLE AT 2.5 DEG / 100 FT		T DRILLED DEPTH A 8600 FT R VERTICAL DEPTH G 7773 FT E HORIZONTAL DRIFT T 3113 FT		T ESTIMATED FINAL O 9607 FT T. HORIZONTAL DRIFT D 3113 FT E MAX. ANGLE P. 33.26 DEG			
LIMITS (DIAMETER)				TOP: 50 FT		BASE: 50 FT			
GROUP / FORMATION / MEMBER				DRILLED TOP (MD/FT)		VERT. TOP (VD/FT)		SUBSEA TOP (SS/FT)	
TALARA								AT SURFACE	
CHACRA				1930		1840		-1790	
RIO BRAVO				4185		3726		-3676	
PALEGREDA				5787		5066		-5016	
MOGOLLON				6701		5894		-5844	
SAN CRISTOBAL				7210		6387		-6337	
UPPER BASAL SALINA				8016		7189		-7139	
LOWER BASAL SALINA				8600		7773		-7723	
BALCONES				9300		8473		-8423	
TOTAL DEPTH				9607		8780		-8730	
C BIT SAMPLES O TO BE TAKEN N RECOMMENDED T FOR R. PALEO-PALYNOLOGY				EVERY 30 FT. FROM SURFACE TO 5000 FT. EVERY 10 FT. FROM 5000 FT. TO TOTAL DEPTH		REMARKS			
L RECOMMENDED O OPEN HOLE G RECOMMENDED G AFTER CASING I NEARBY WELLS N FOR G CORRELATION				PALEONTOLOGY EVERY 60 FT. THROUGHOUT THE WELL. PALYNOLOGY AT REQUEST OF LIMA OFFICE DLL-MSFL-FDC-CNL-GR, SONIC-DIPOLAR, DIPMETER-FMI, PRESSURE POINTS CHECKSHOT (OPTIONAL) NOT CONSIDERED LO6-25ST, LO6-23, LO6-9X, LO6-17		BASAL SALINA & BALCONES TOPS WERE DEFINED BY 3D SEISMIC INTERPRETATION BY E. BORDA IT IS RECOMMENDED TO REACH 0 DEG OF INCLINATION BEFORE UPPER BASAL SALINA TOP AND HOLD TO TOTAL DEPTH			
E SIDEWALL V CORES A CONVENTIONAL L CORES U GAS A LOGGER T. FORMATION TESTING				IF NECESSARY AT REQUEST OF LIMA OFFICE NOT CONSIDERED USING A MUD LOGGING UNIT THROUGHOUT DRILLED SECTION IF NECESSARY AT REQUEST OF LIMA OFFICE					
RECOMMENDED BY EDGAR BORDA FRITZ PALACIOS		DATE: NOV 2012		REVISED BY ENRIQUE GONZALES		DATE: Nov. 8.12		APPROVED BY PEDRO ALARCON NOV. 12, 2012	

FIGURE 2



SAVIA
PERÚ

SAN MATTEO Prospect GEOLOGICAL PROGNOSIS



SAN MATTEO PROSPECT TOP LOWER BASAL SALINA FM. - DEPTH STRUCTURE MAP

C.I. 100 ft



SAVIA

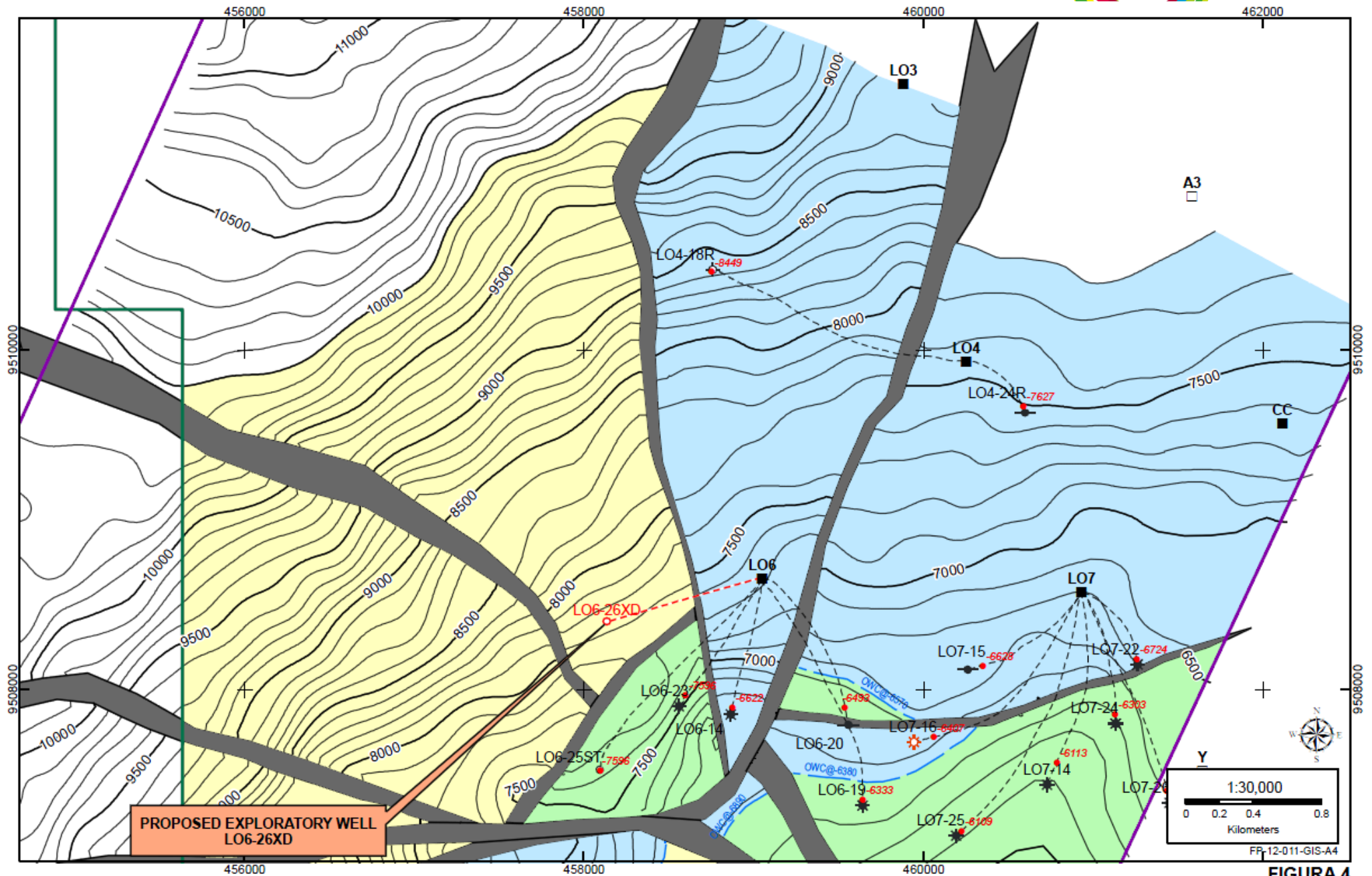


FIGURA 4

SAN MATTEO PROSPECT
TOP UPPER BASAL SALINA FM. - DEPTH STRUCTURE MAP
 C.I. 100 ft

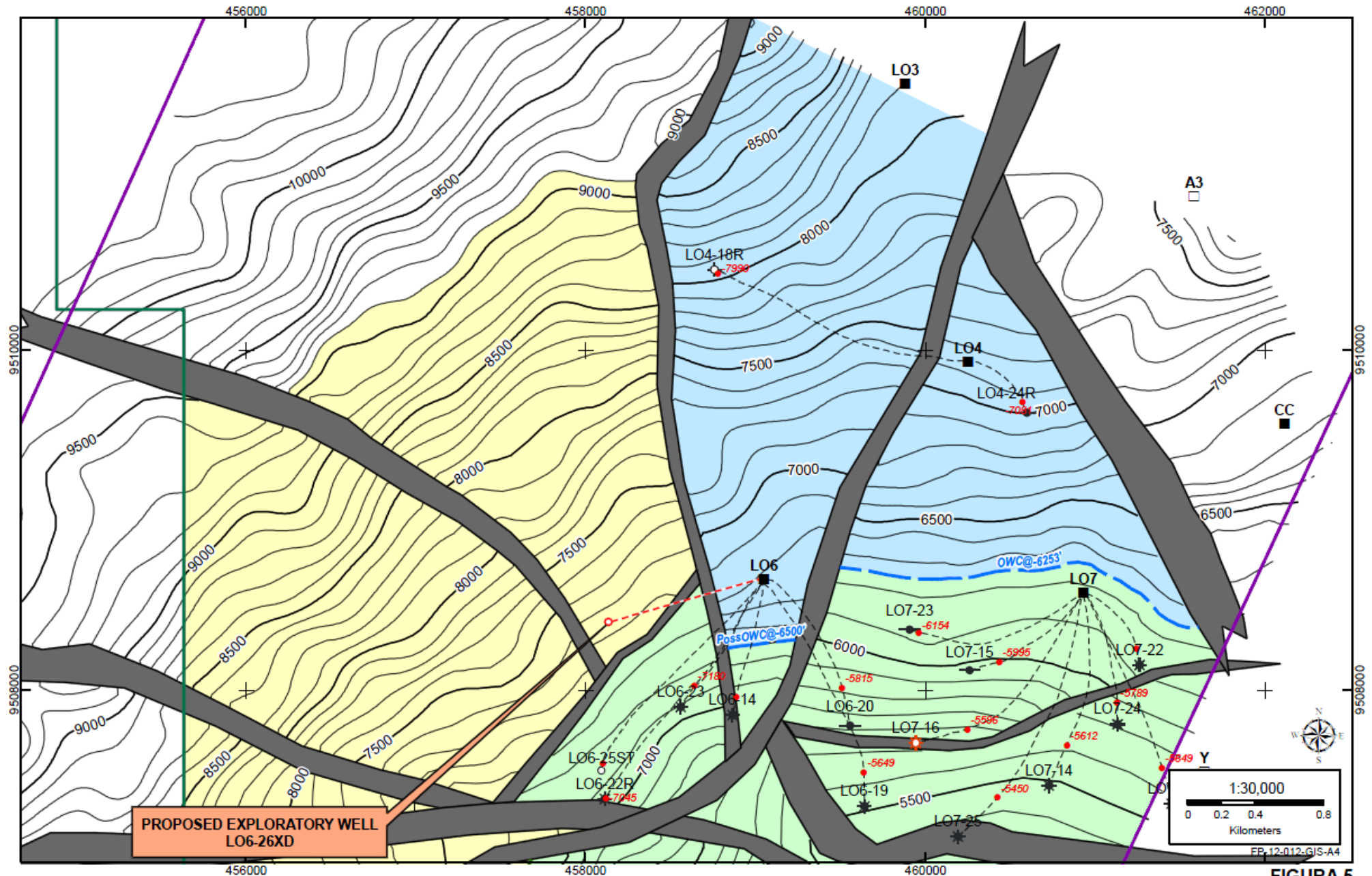
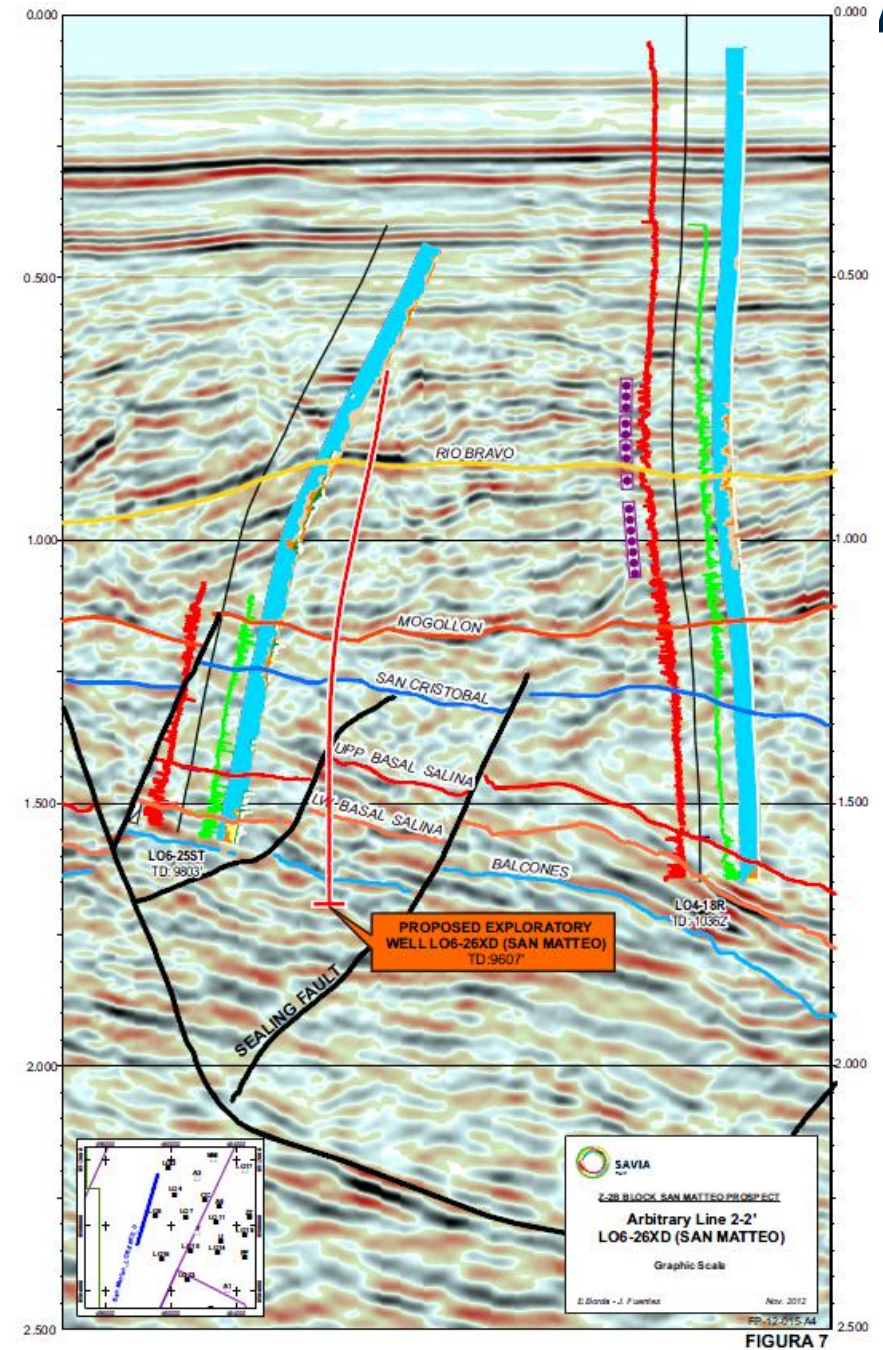
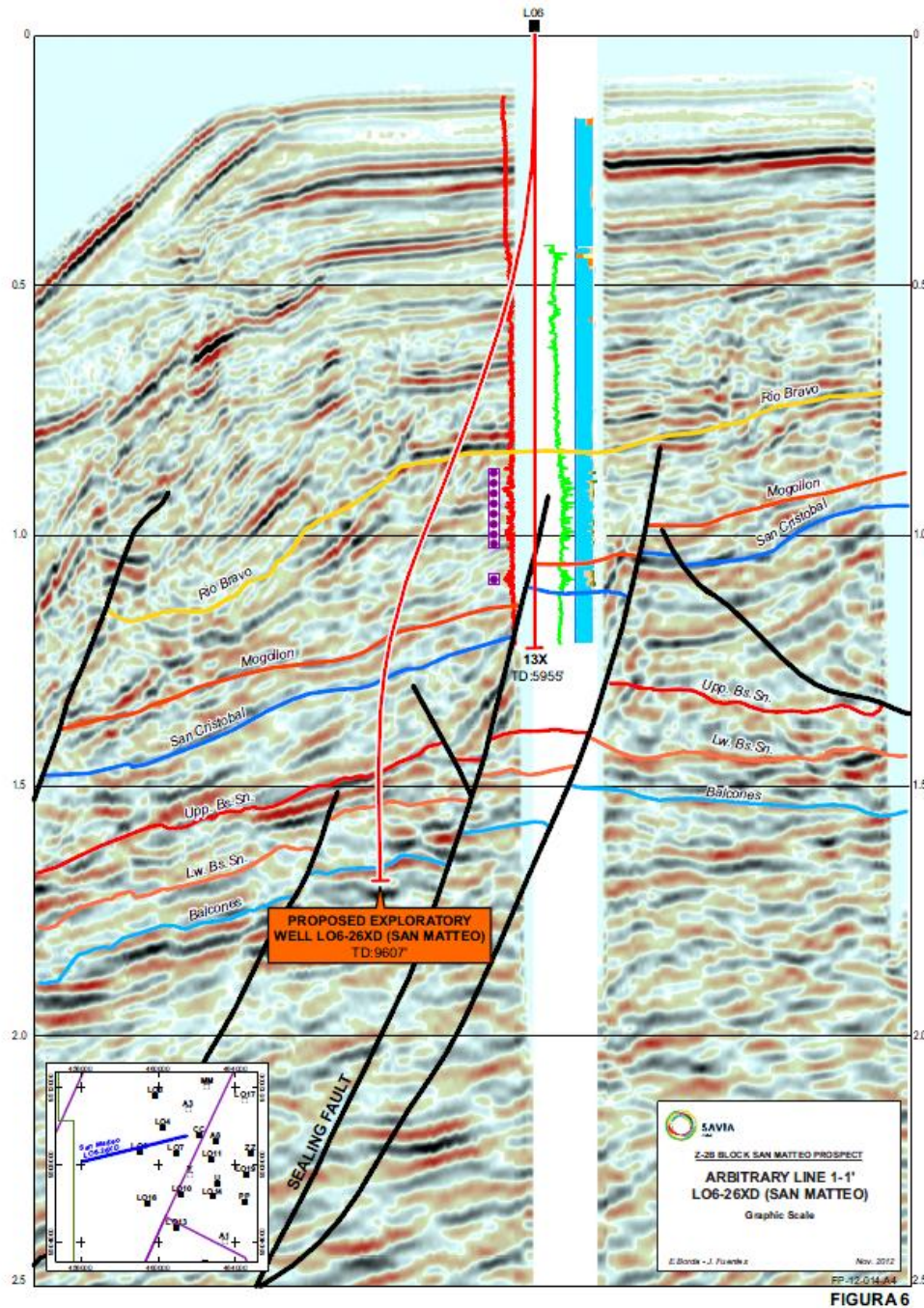
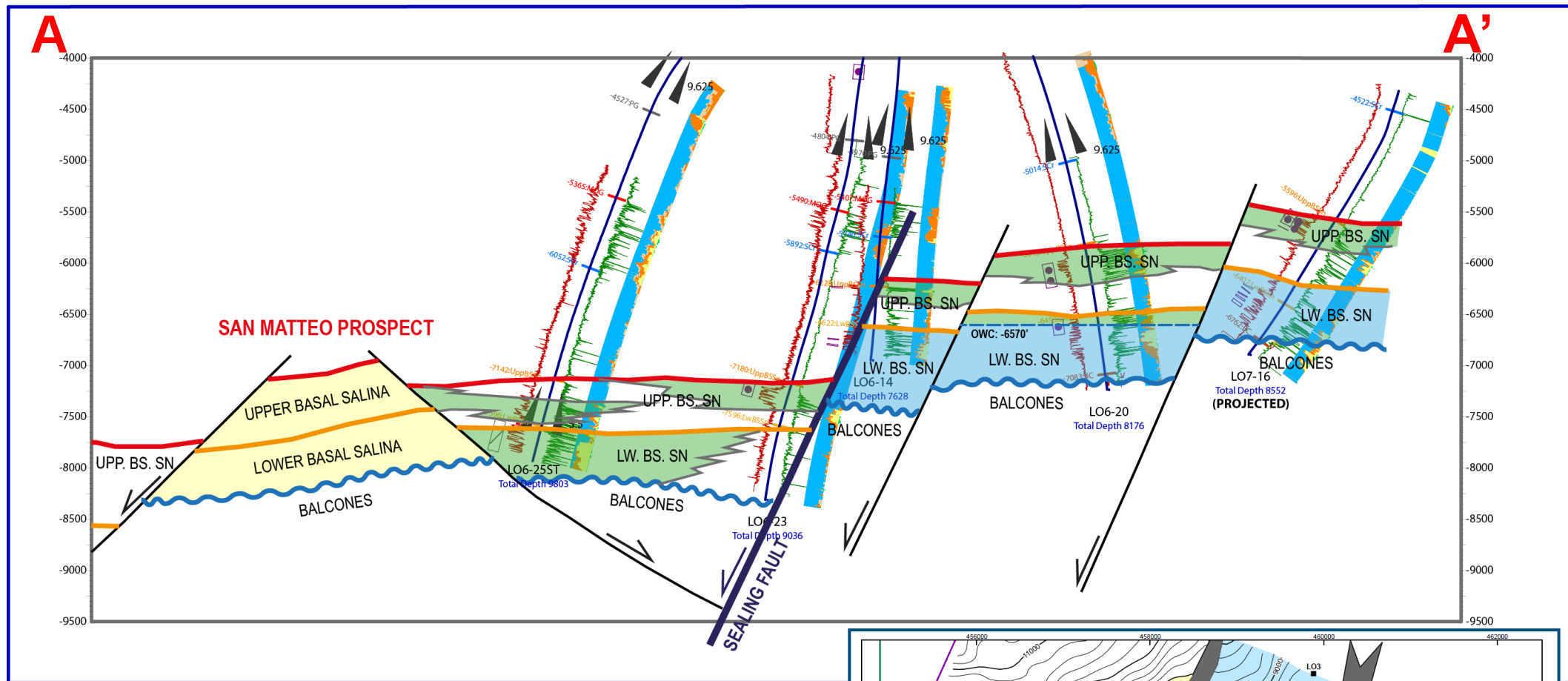


FIGURA 5

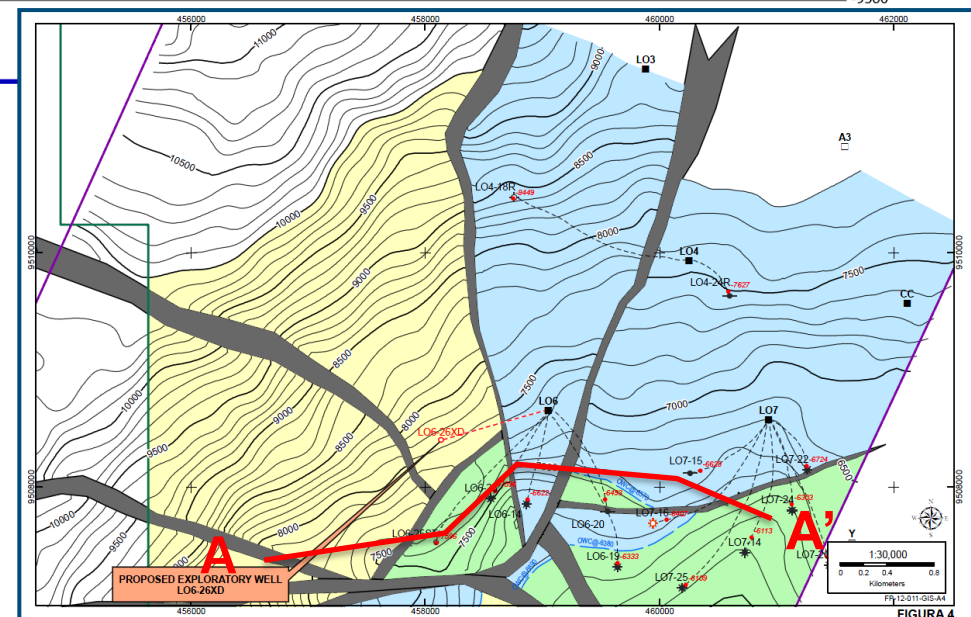
SAN MATTEO PROSPECT

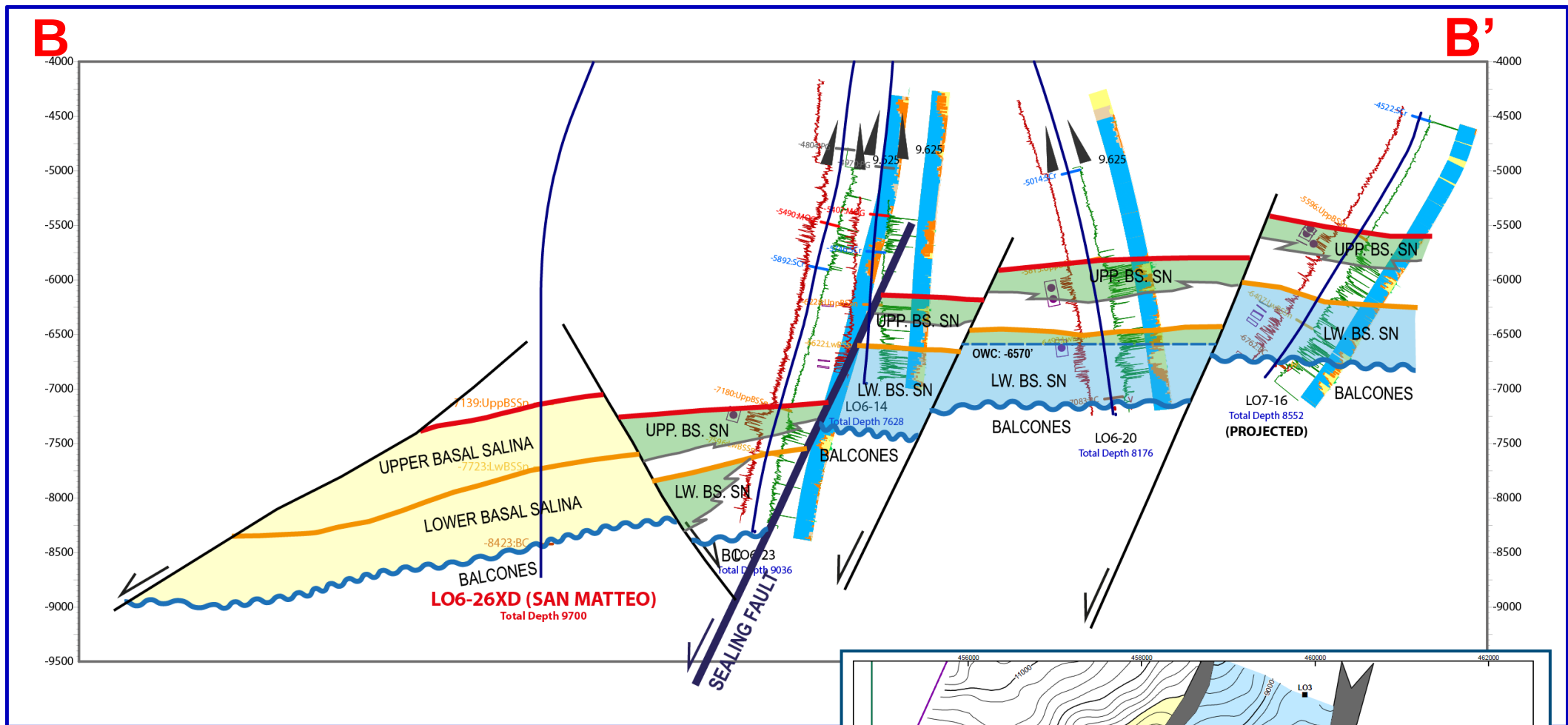
ARBITRARY SEISMIC LINES PSTM – LO6-26XD (SAN MATTEO)



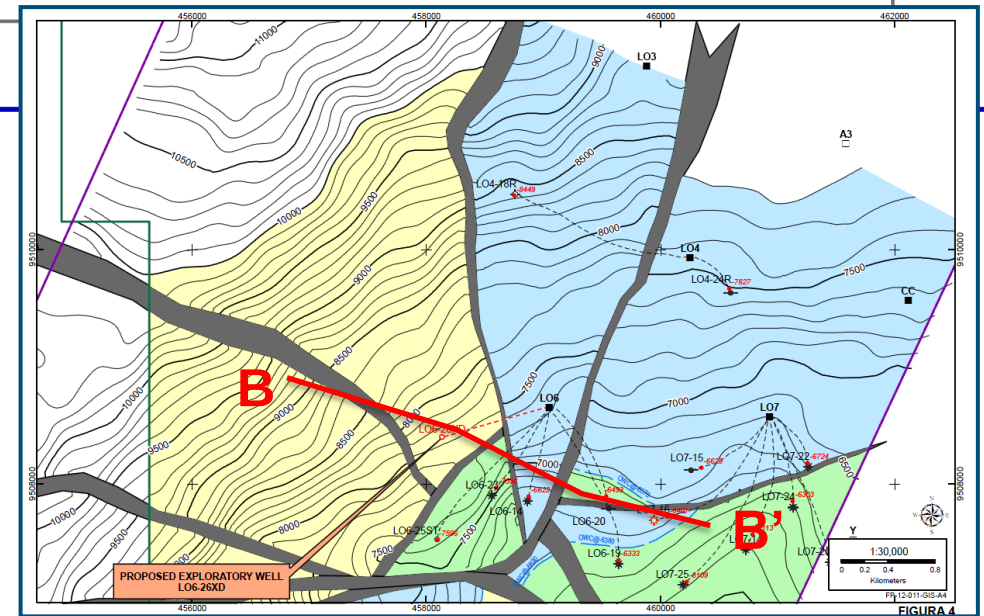


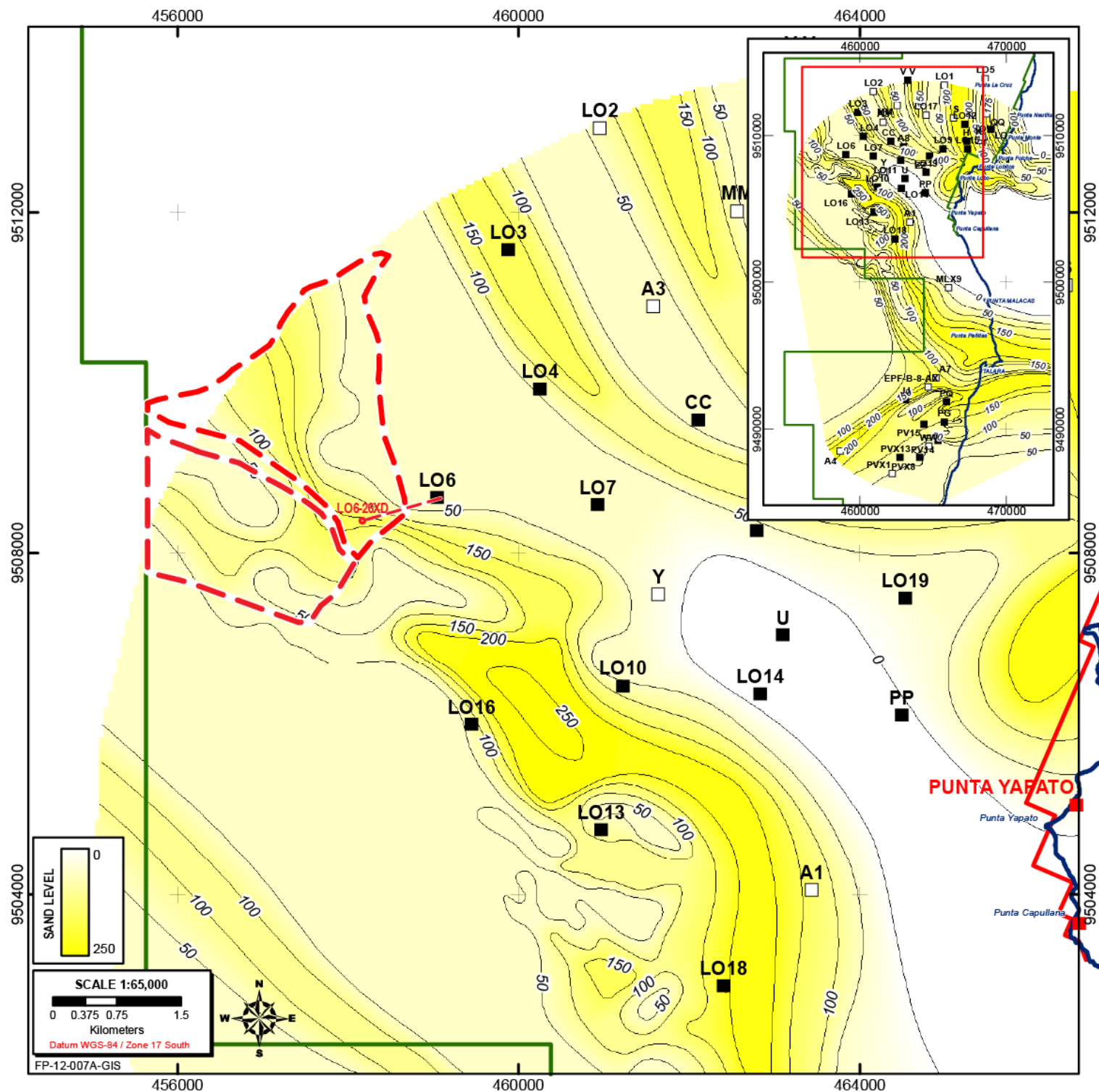
**SAN MATTEO
SCHEMATIC GEOLOGICAL
SECTION A-A' (W-E)**





SAN MATTEO
SCHEMATIC GEOLOGICAL
SECTION B-B' (W-E)

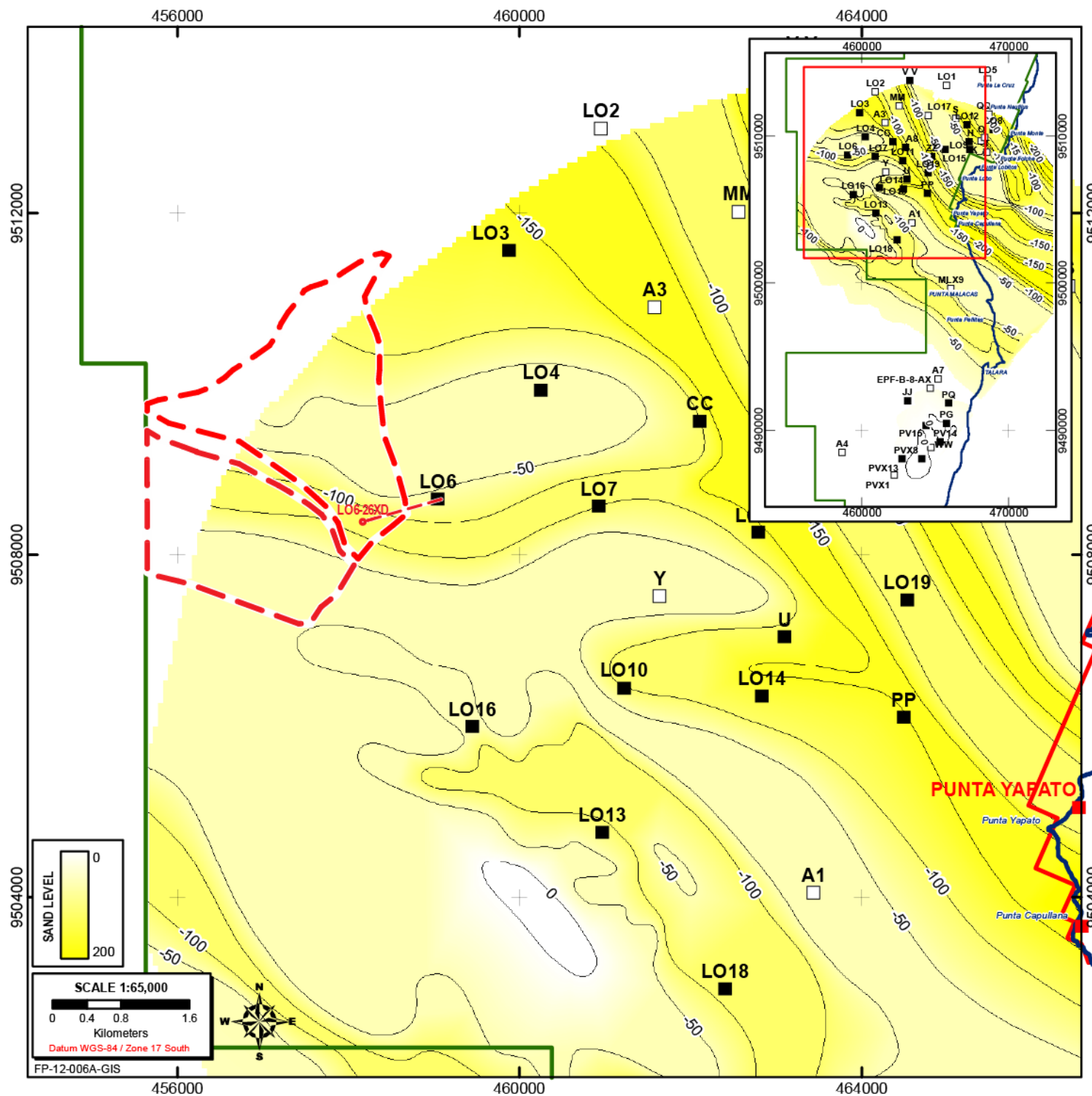




SAVIA
PERÚ

LOWER BASAL SALINA FM. RESTORED VERTICAL NET SAND MAP

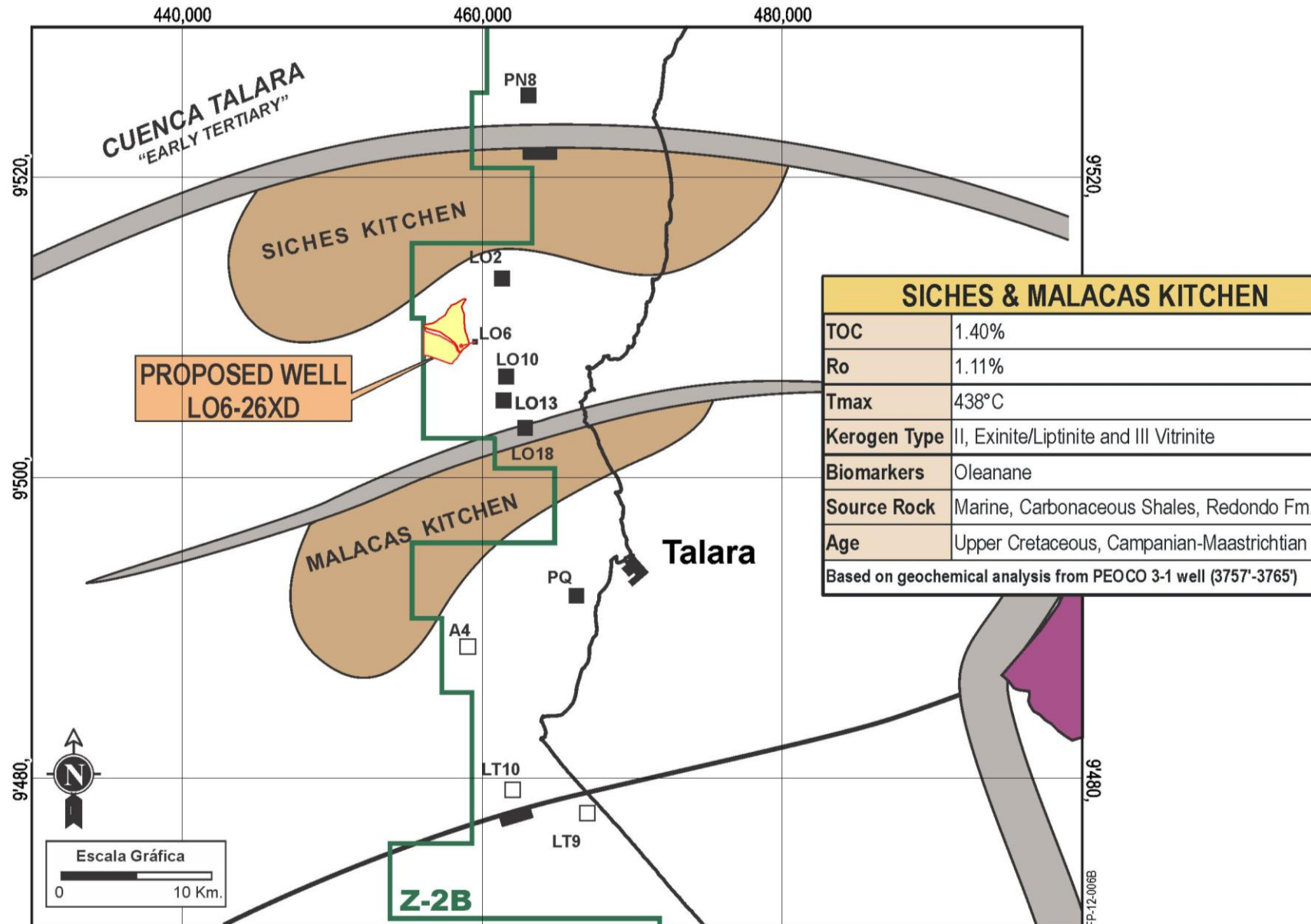
M. Chavez Aug 2012



SAN MATTEO PROSPECT GEOCHEMICAL PLAY MAP



SAVIA
PERÚ



SAN MATTEO Prospect
PROBABILISTIC PROSPECTIVE RESOURCES

POTENTIAL RESOURCES (MMBO)			
RESERVOIR	P90	MEAN	P10
Lower Basal Salina	0.9	4.39	9.3
Upper Basal Salina	0.4	1.84	3.8

CHANCE OF SUCCESS: 20.2%

SAN MATTEO Prospect **SUMMARY**

Nombre del Prospector	SAN MATTEO (Pozo LO6-26XD)
Clasificación	Exploratory A-2c
Cuenca Sedimentaria	Talara
Lote	Z-2B
Area	LOBITOS
Departamento	Piura
País	PERU
Coordenadas de Superficie	9'508,662.12 mN 459,045.17 mE
Coordenadas Obj. Primario	9'508,400 mN 458,133 mE
Coordenadas Obj. Secundario	9'508,400 mN 458,133 mE
Datum	WGS84 UTM - Zone 17 South
Kelly Bushing (KB)	50 ft
Profundidad de Agua (WD)	335 ft
Profundidad Final (TD)	9607' MD (-14450' VSS)
Objetivo Primario (Tope)	Lw. Basal Salina (8600' MD, -7723' VSS)
Tipo de Reservorio	Areniscas
Objetivo Secundario (Tope)	Upp. Basal Salina (8016' MD, -7139' VSS)
Tipo de Reservorio	Areniscas
Tipo de Trampa	Bloque fallado
Pozos de Correlación	LO6-25ST, LO6-23, LO6-9X, LO6-17
Tipo de Hidrocarburo	Petróleo
Media de Recursos Estimados	4.39 MMBLS
Probabilidad de Éxito (COS)	20.2%
Recursos Riesgados	0.9 MMBLS
Conclusiones	- El objetivo Basal Salina está localizado en un bloque estructural limitado por fallas normales - Se espera encontrar desarrollos de arena y producción similares al pozo LO6-25 - El mayor riesgo es el comportamiento sellante de la falla NO-SE que separa el prospecto San Matteo con la zona de agua. - El éxito de este pozo abriría la exploración por Basal Salina al noroeste del campo Lobitos - El bloque prospectivo tiene un área de 2137 Acres.



SAVIA
PERÚ



SAVIA
PERÚ

Energía que transforma tu vida.

Para uso restringido en SAVIA Perú S.A. Todos los derechos reservados.
Ninguna parte de esta presentación puede ser reproducida o utilizada
en ninguna forma o por ningún medio sin permiso explícito de SAVIA
Perú S.A.