

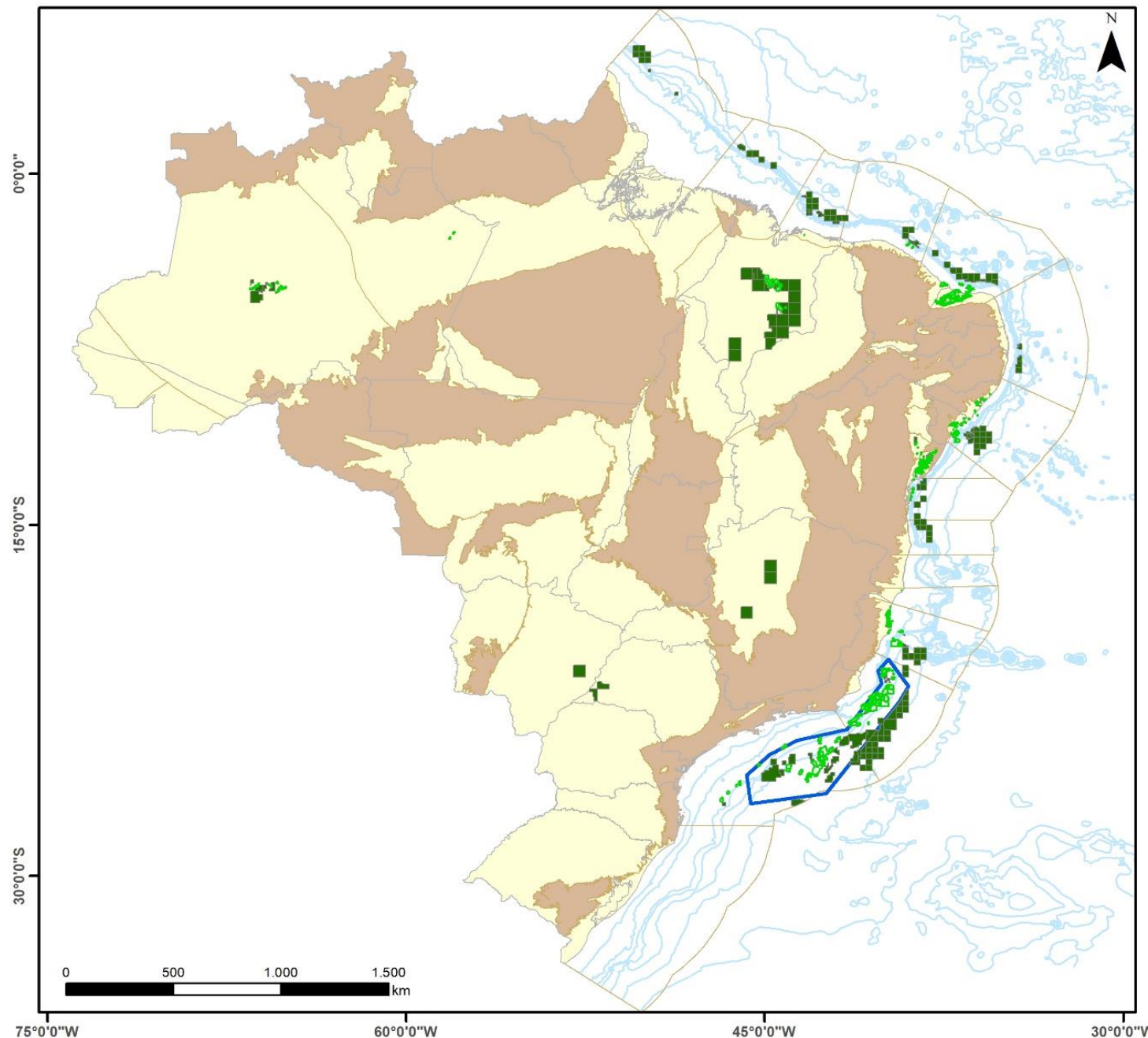


anp
Agência Nacional
do Petróleo,
Gás Natural e Biocombustíveis

Potencial Petrolífero das Áreas na Oferta Permanente

Ronan Ávila

23/08/2021, Rio de Janeiro



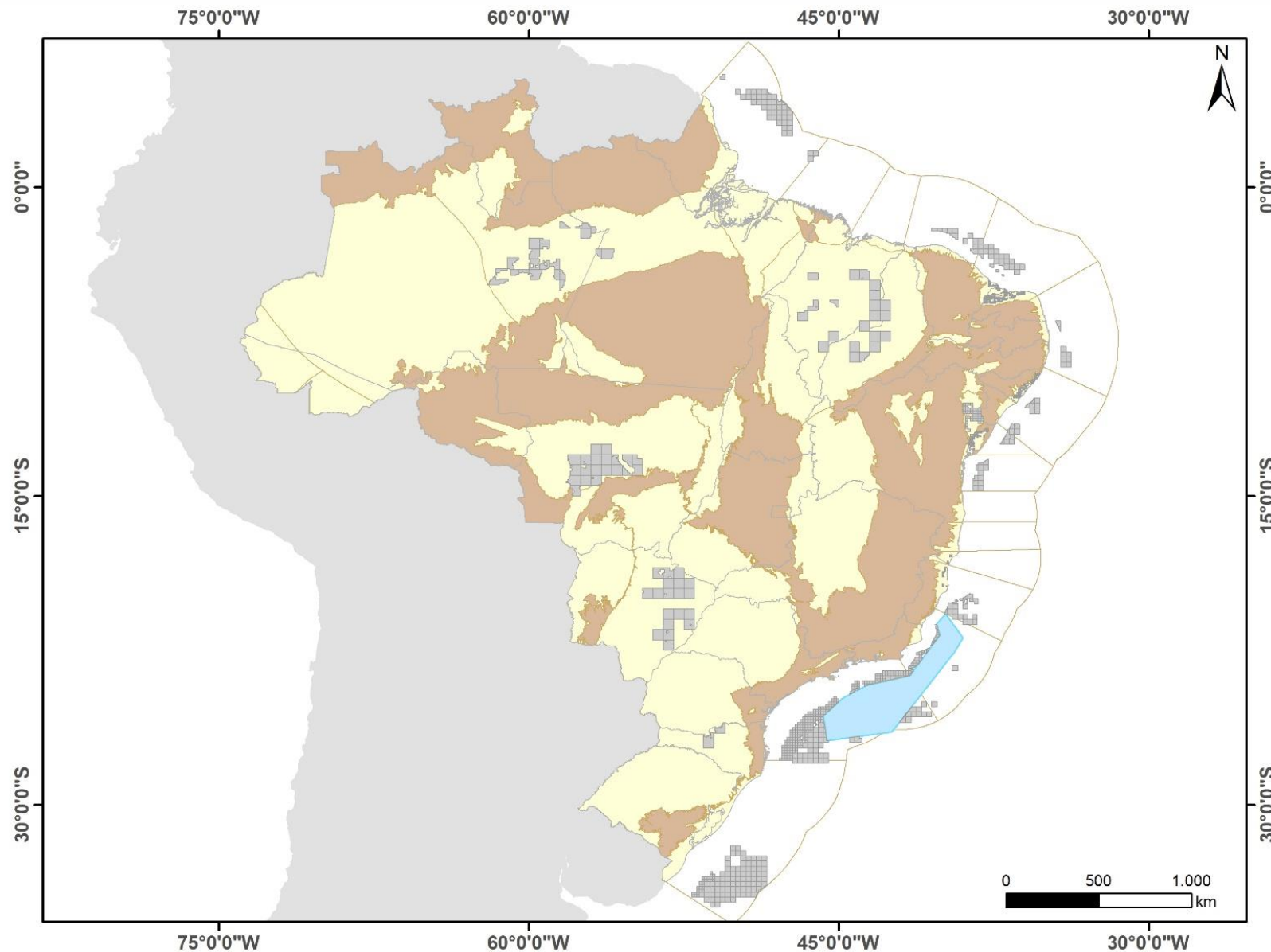
Área Sedimentar
7.5 milhões de km²
< 5% Contratada

OPORTUNIDADES EM TODOS AMBIENTES



3º CICLO SE INICIARÁ A PARTIR
DA DECLARAÇÃO DE
INTERESSE

BLOCOS EM OFERTA

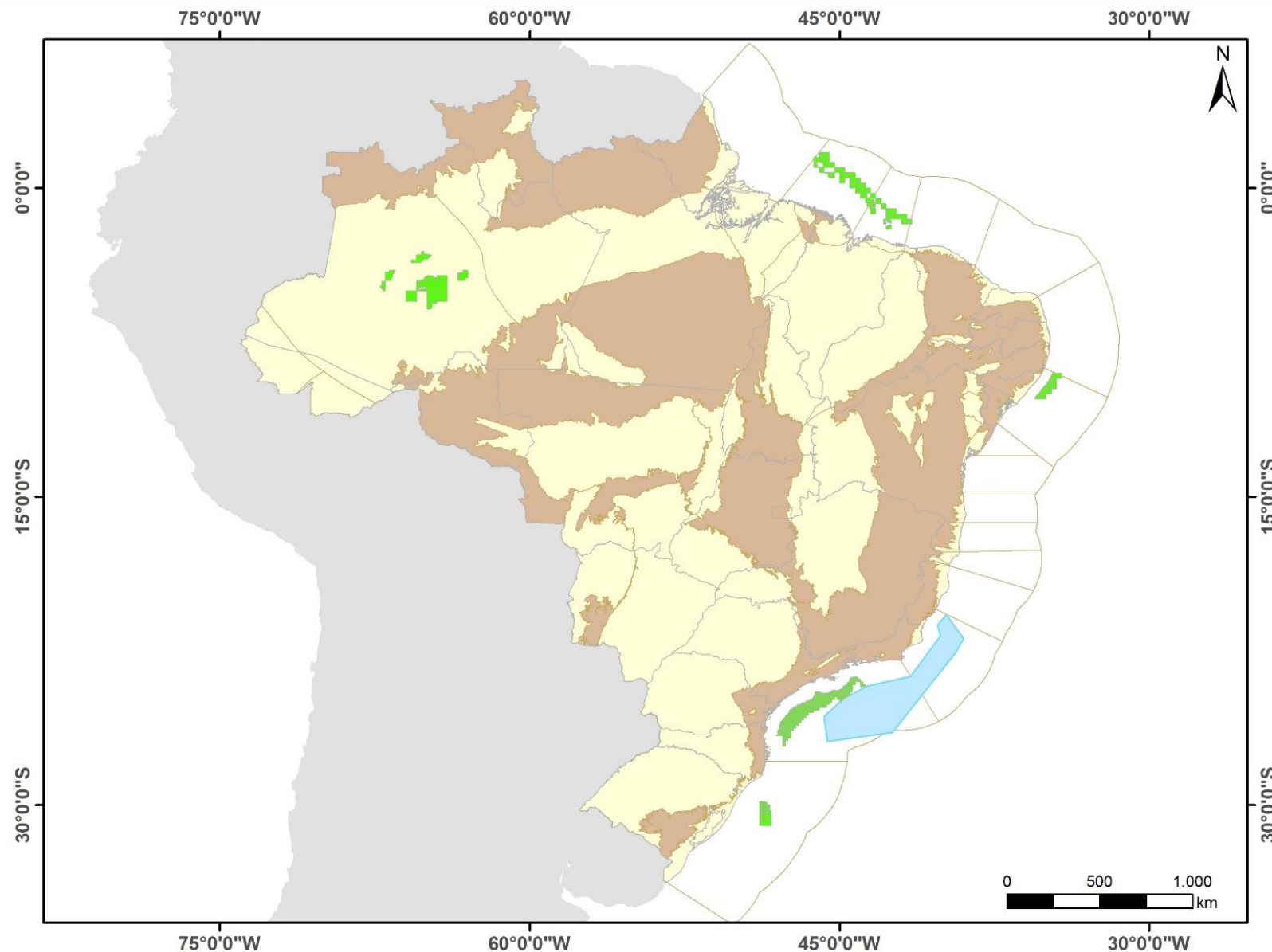


 Blocos em Oferta

1068
Blocos

Terra **522**
Mar **546**

BLOCOS EM ESTUDO



 Blocos em Estudo

350
Blocos

Terra **78**

Mar **272**

RESOLUÇÃO ANP Nº 837/2021
NOMINAÇÃO DE ÁREAS

Bacias Terrestres

Dados exploratórios públicos
gratuitos, disponíveis e de fácil acesso

<https://reate.cprm.gov.br/anp/>



BACIAS MADURAS TERRESTRES



Boas condições de infraestrutura e avançado conhecimento geológico

Dados exploratórios públicos gratuitos, disponíveis e de fácil acesso

<https://reate.cprm.gov.br/anp/>

Bônus de assinatura mínimo (R\$ 50.000)

Descobertas recentes reportadas

Desinvestimento (BR)

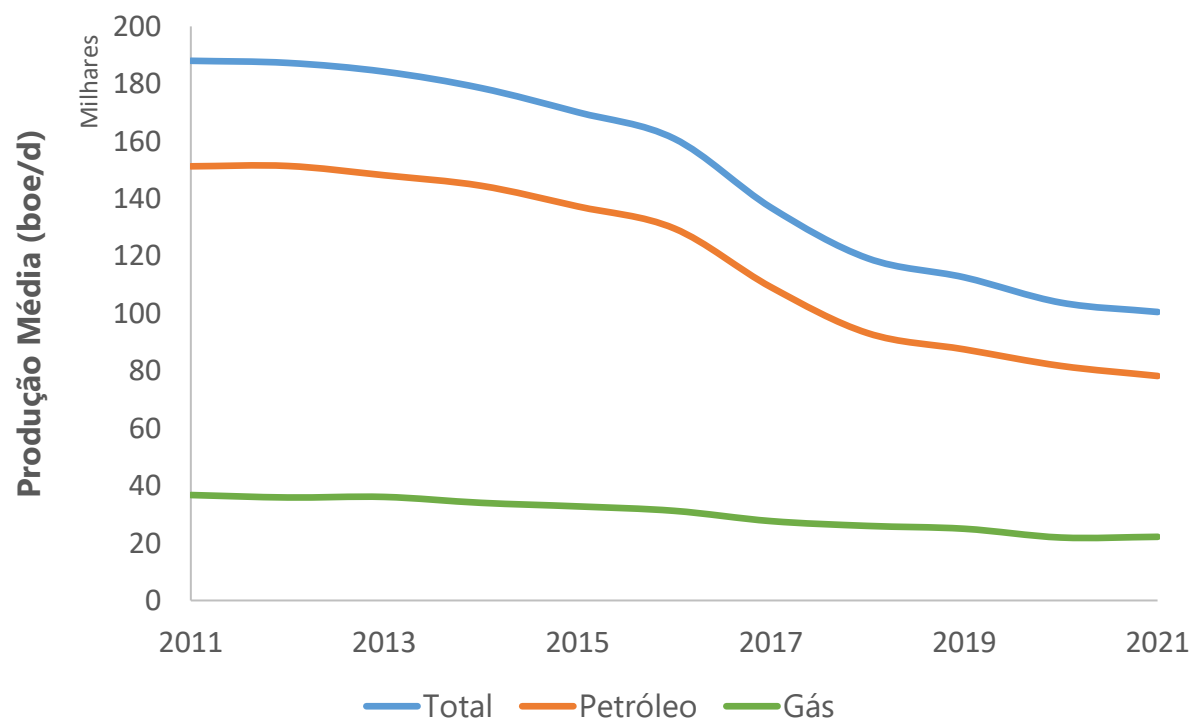
Oferta Permanente (ANP), < Royalties, etc.

BACIAS MADURAS TERRESTRES

2011 - 2021

▼ 47%

Espírito Santo, Potiguar, Recôncavo e Sergipe Alagoas



PRODUÇÃO NA ÚLTIMA DÉCADA (TOTAL DAS BACIAS MADURAS)

Gás

3,1

Milhões m³/dia

▼ 40%

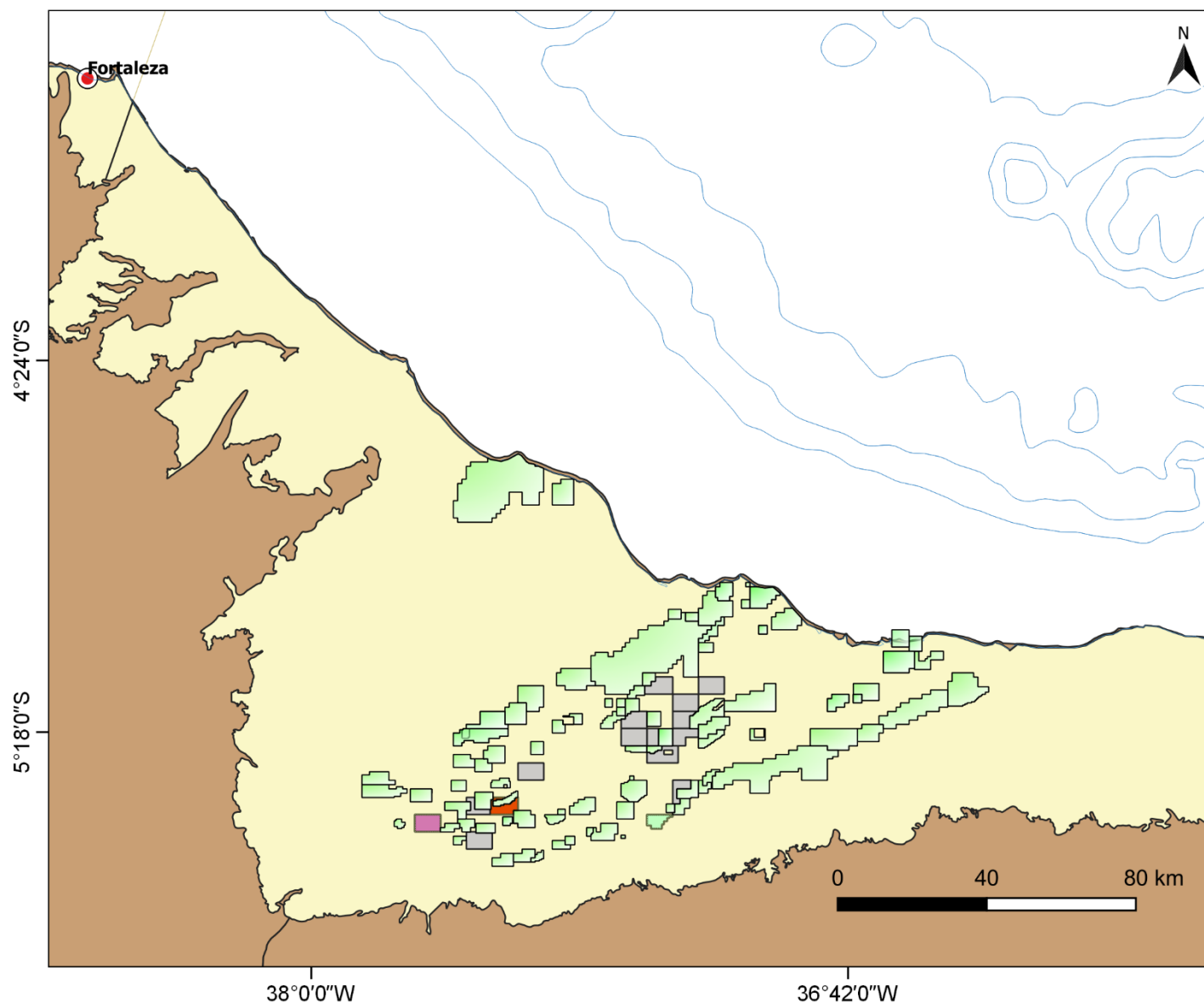
Petróleo

70

Mil bbl/dia

▼ 48%

BACIA DE POTIGUAR - TERRA



Blocos em concessão

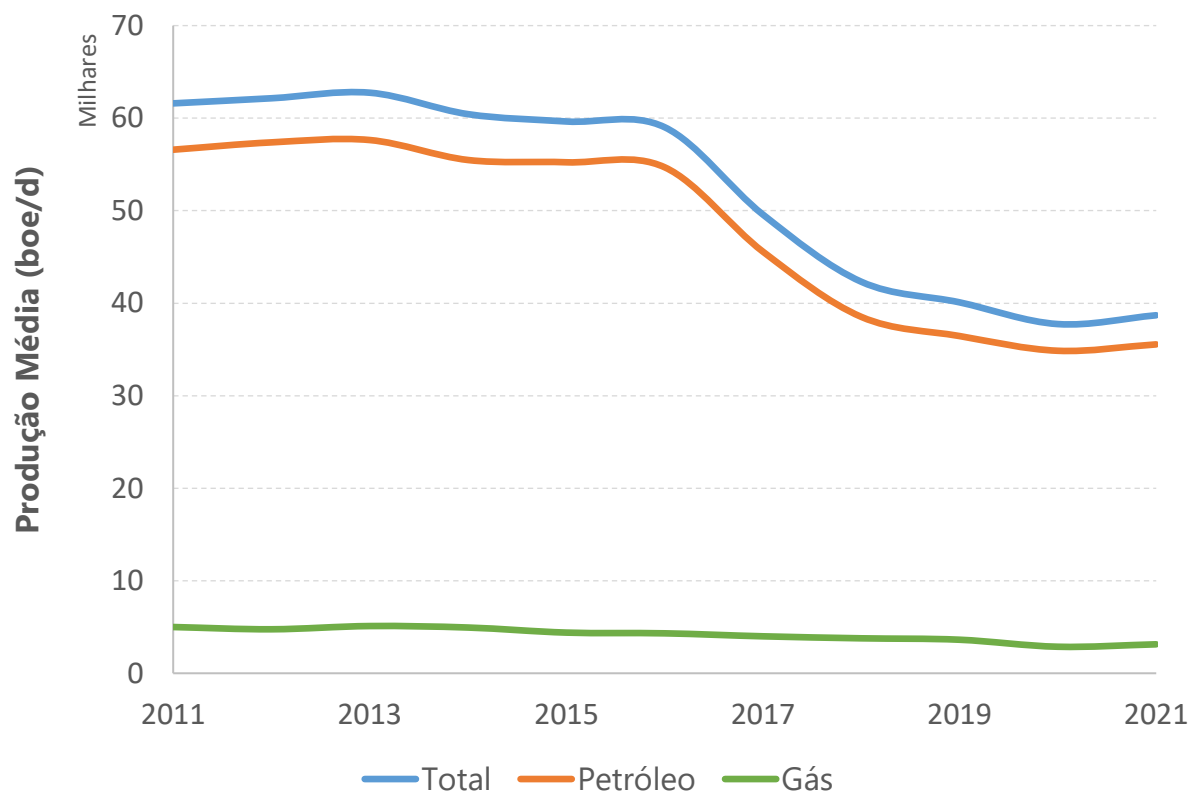
- R7
- R13
- R14
- 1º e 2º Ciclo Oferta Permanente
- Campos em Produção



BACIA DE POTIGUAR - TERRA

2011 - 2021

▼ 37%



PRODUÇÃO NA ÚLTIMA DÉCADA (BACIA DE POTIGUAR TERRA)

Gás

477

Mil m³/dia

▼ 37%

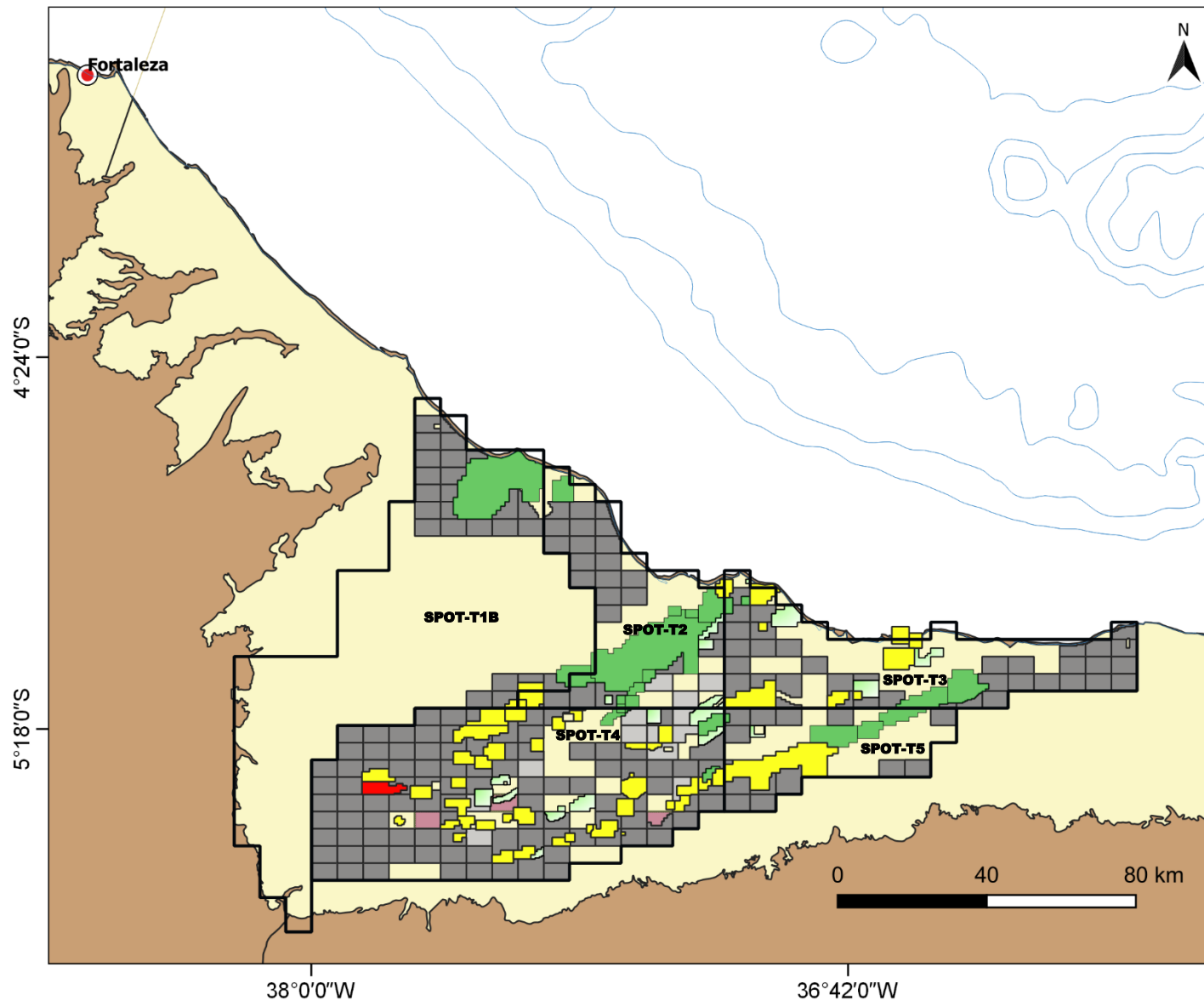
Petróleo

36

Mil bbl/dia

▼ 37%

BACIA DE POTIGUAR - TERRA



Blocos em Oferta

Blocos em concessão

- R7/ R13/ R14
- 1º e 2º Ciclo Oferta Permanente

Campos em Produção

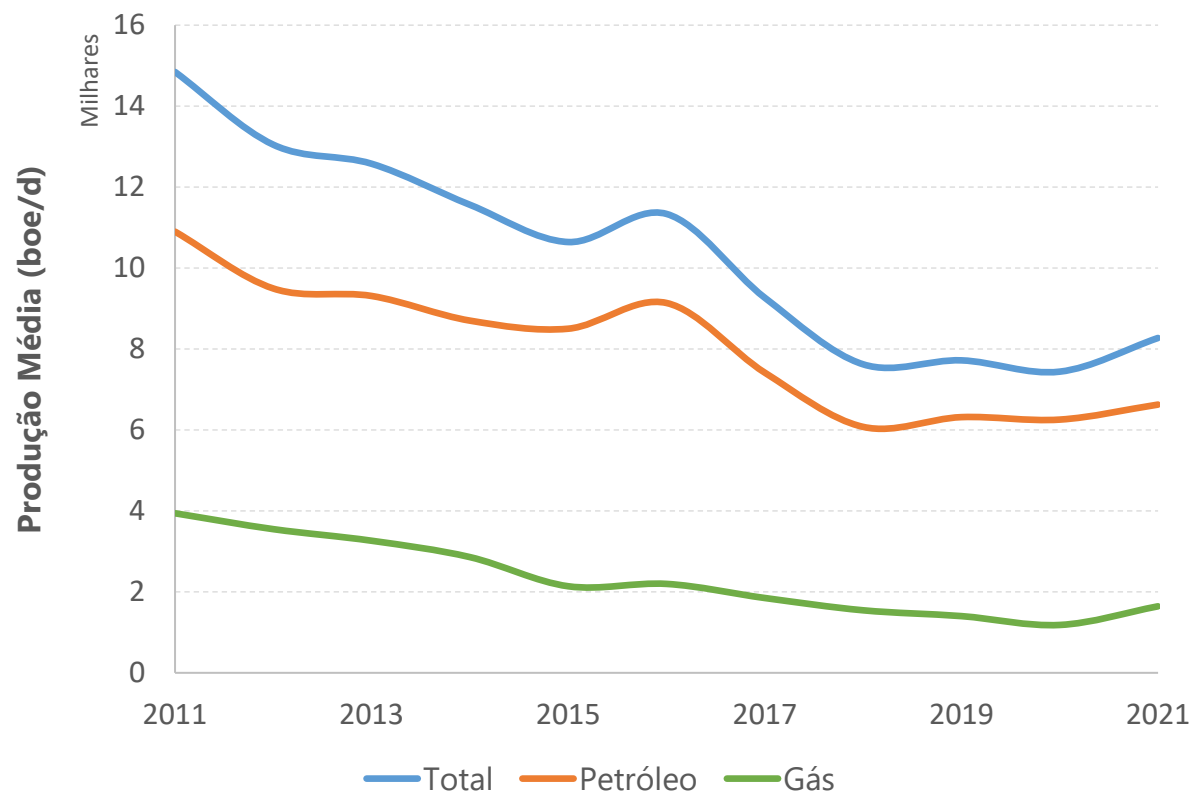
- Acum. Marg. Oferta Permanente
- Desinvestimento BR*
- Teaser BR*
- Cedidos à outras empresas*



BACIA DE POTIGUAR - Polo Riacho de Forquilha

2011 - 2019 ▼ 48%

2020 - 2021 ▲ 7,2%



2019

Gás

213

Mil m³/dia

Petróleo

6,3

Mil bbl/dia

2021

Gás

250

Mil m³/dia

Petróleo

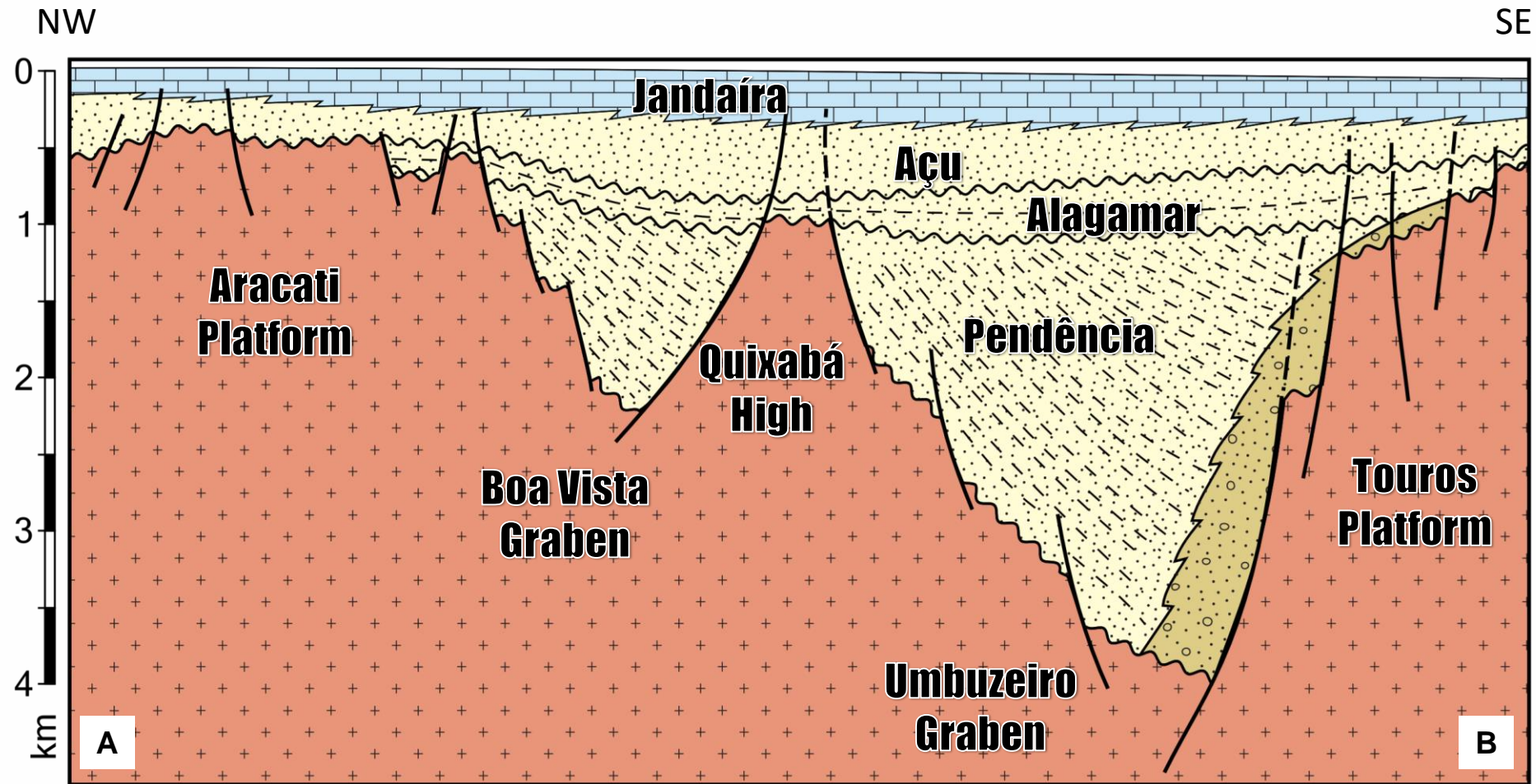
6,6

Mil bbl/dia

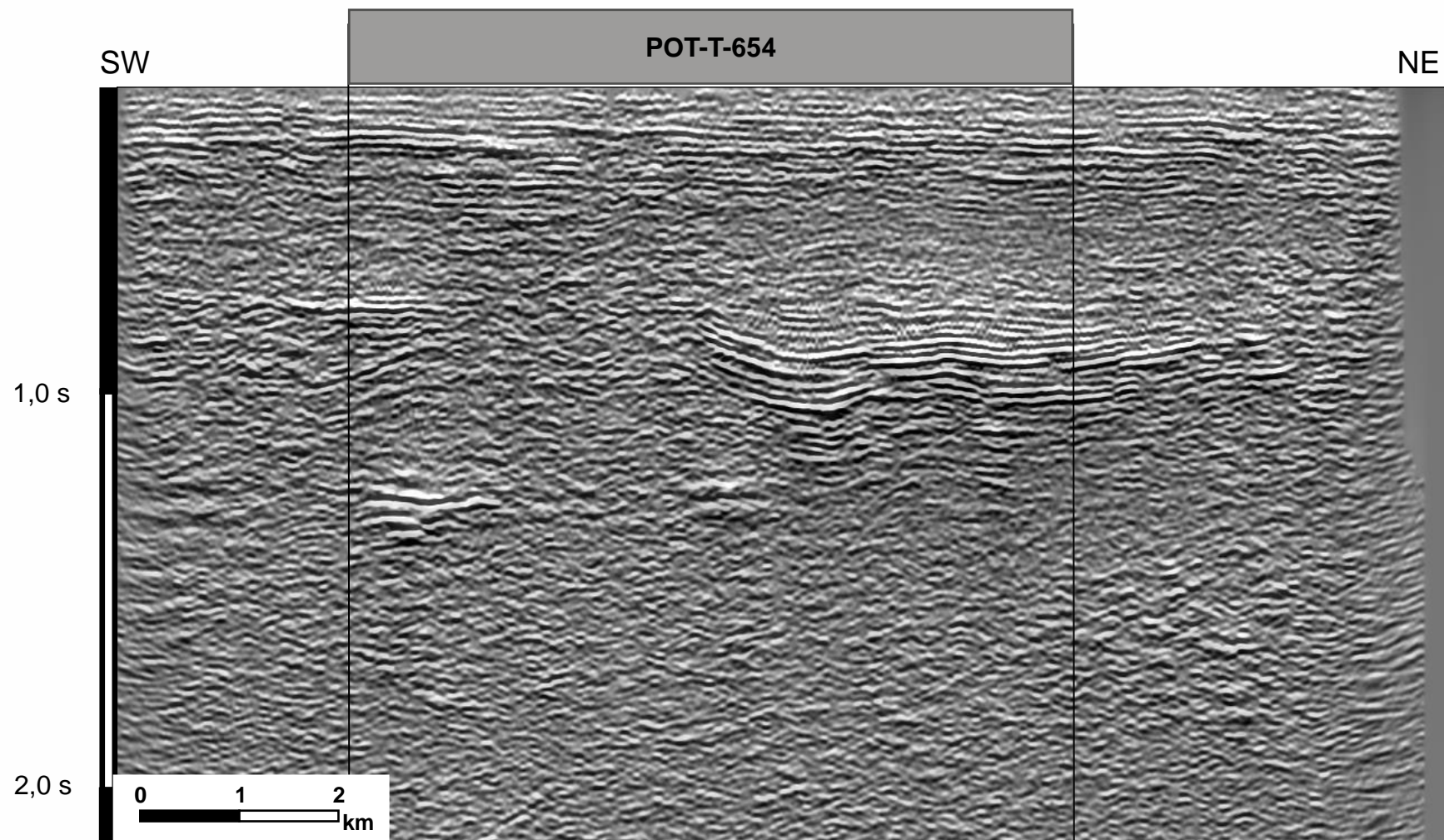
▲ 17%

▲ 5%

POT – SEÇÃO GEOLÓGICA ESQUEMÁTICA

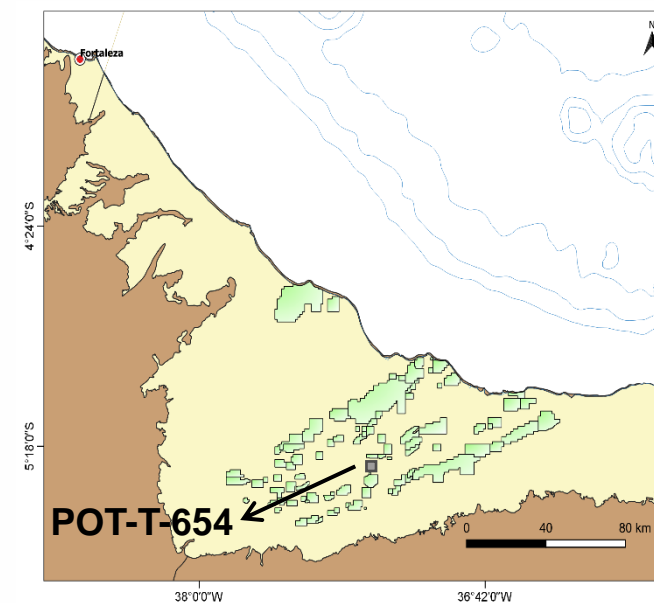


BACIA DE POTIGUAR - TERRA

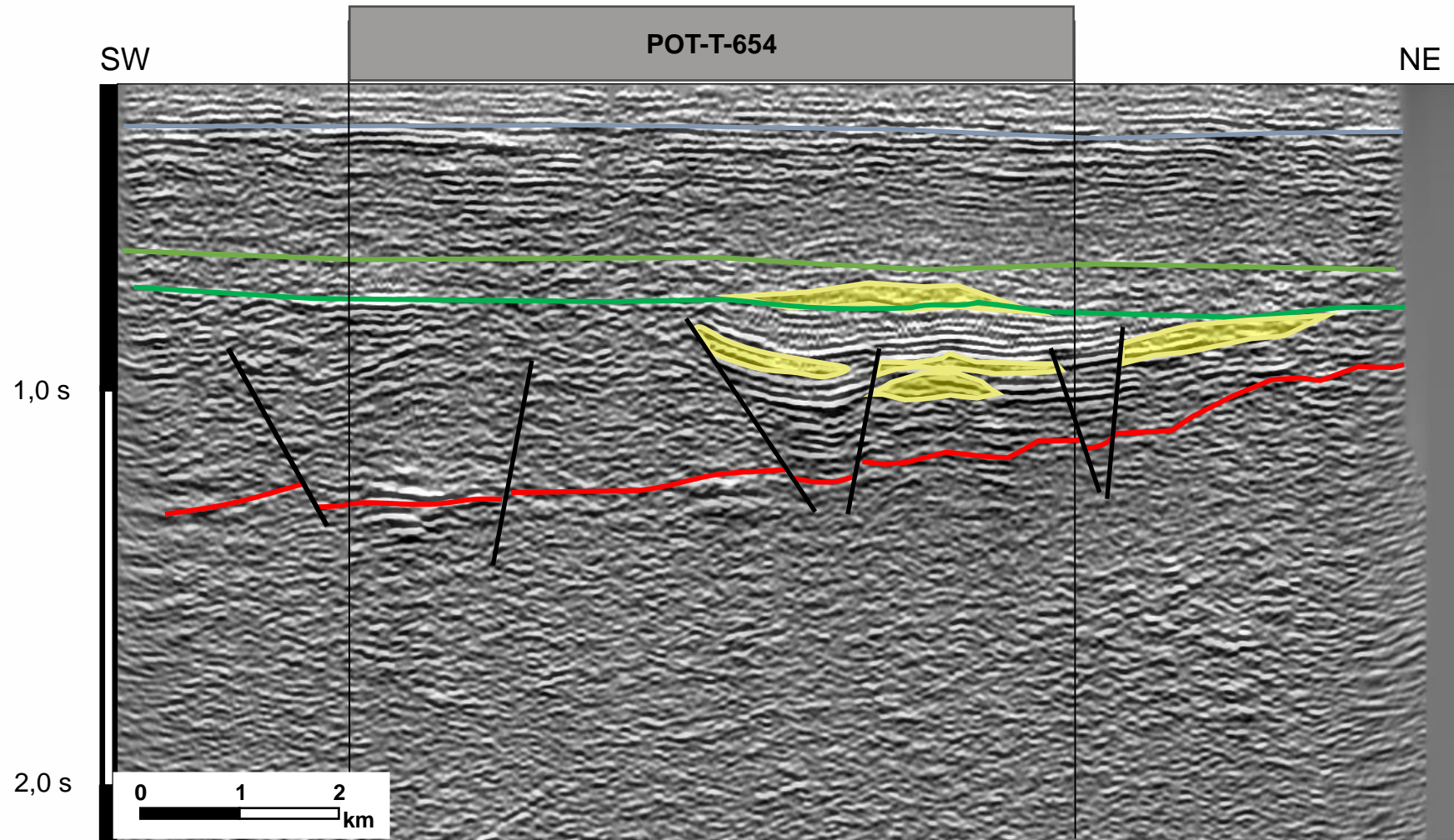


XLINE 189 - 0256_NE_UPANEMA_3D


Bloco em Oferta



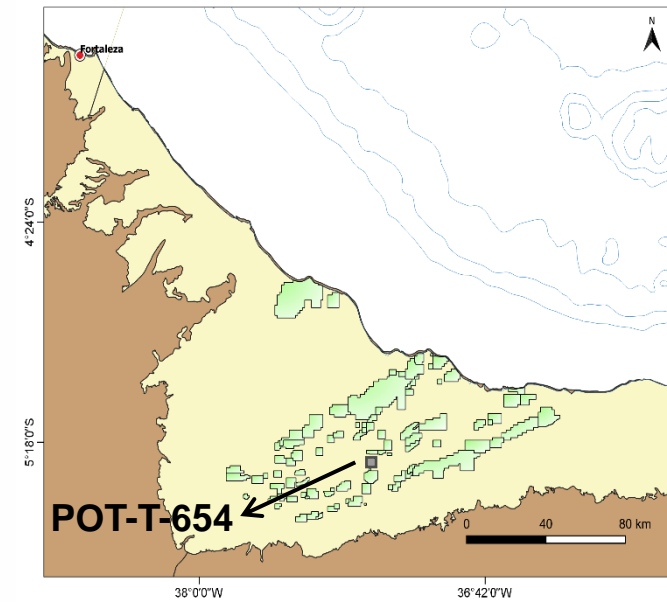
BACIA DE POTIGUAR - TERRA



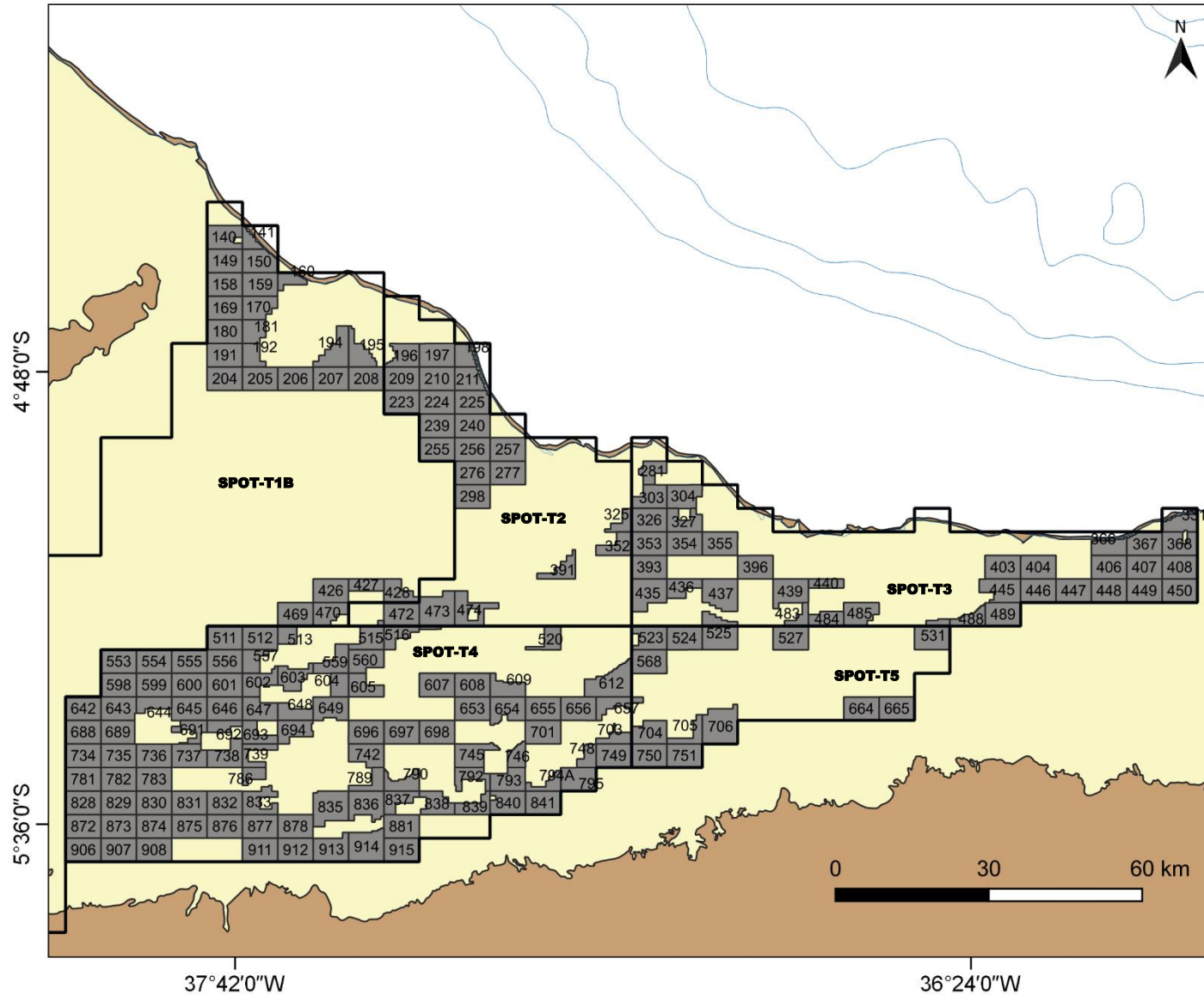
- Topo Fm Açú
- Topo Fm Pendência
- Topo Fm Alagamar
- Topo Embasamento
- Oportunidade Exploratória

XLIN 189 - 0256_NE_UPANEMA_3D

Bloco em Oferta

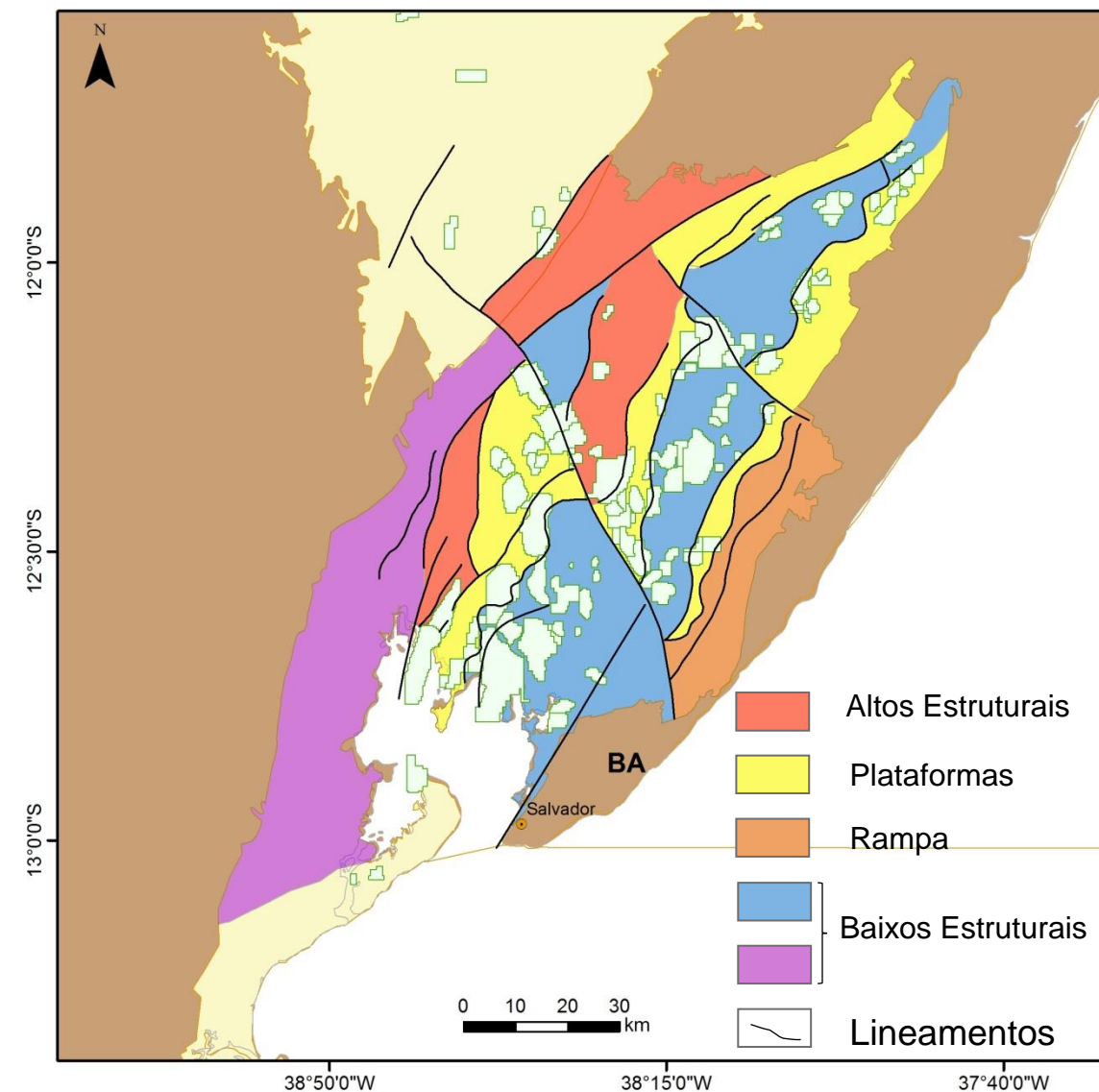


BACIA DE POTIGUAR - TERRA

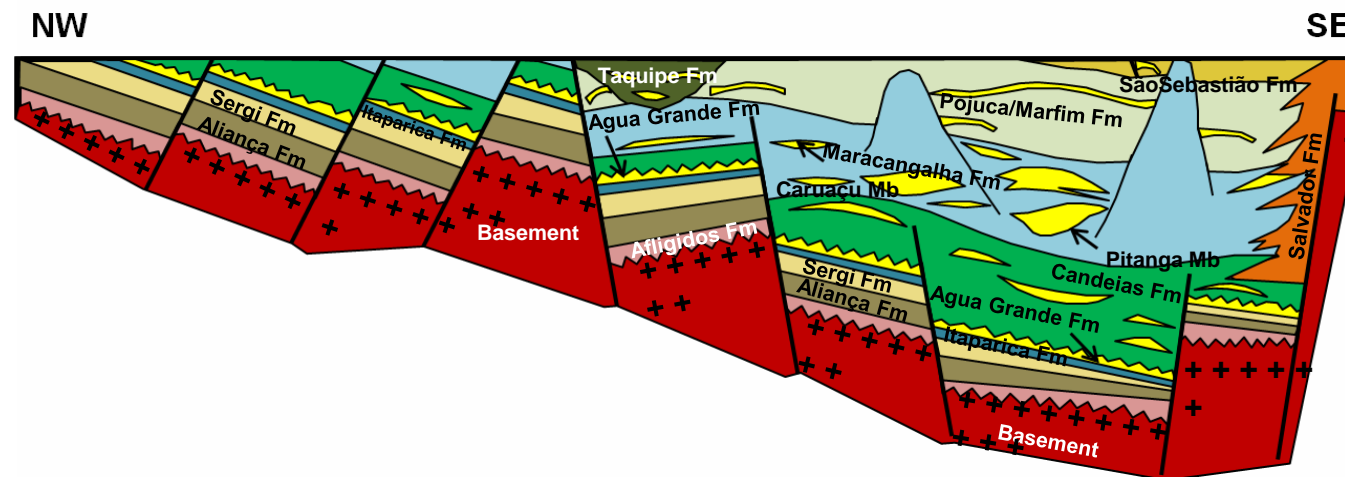


201 Blocos em Oferta

BACIA DO RECÔNCAVO

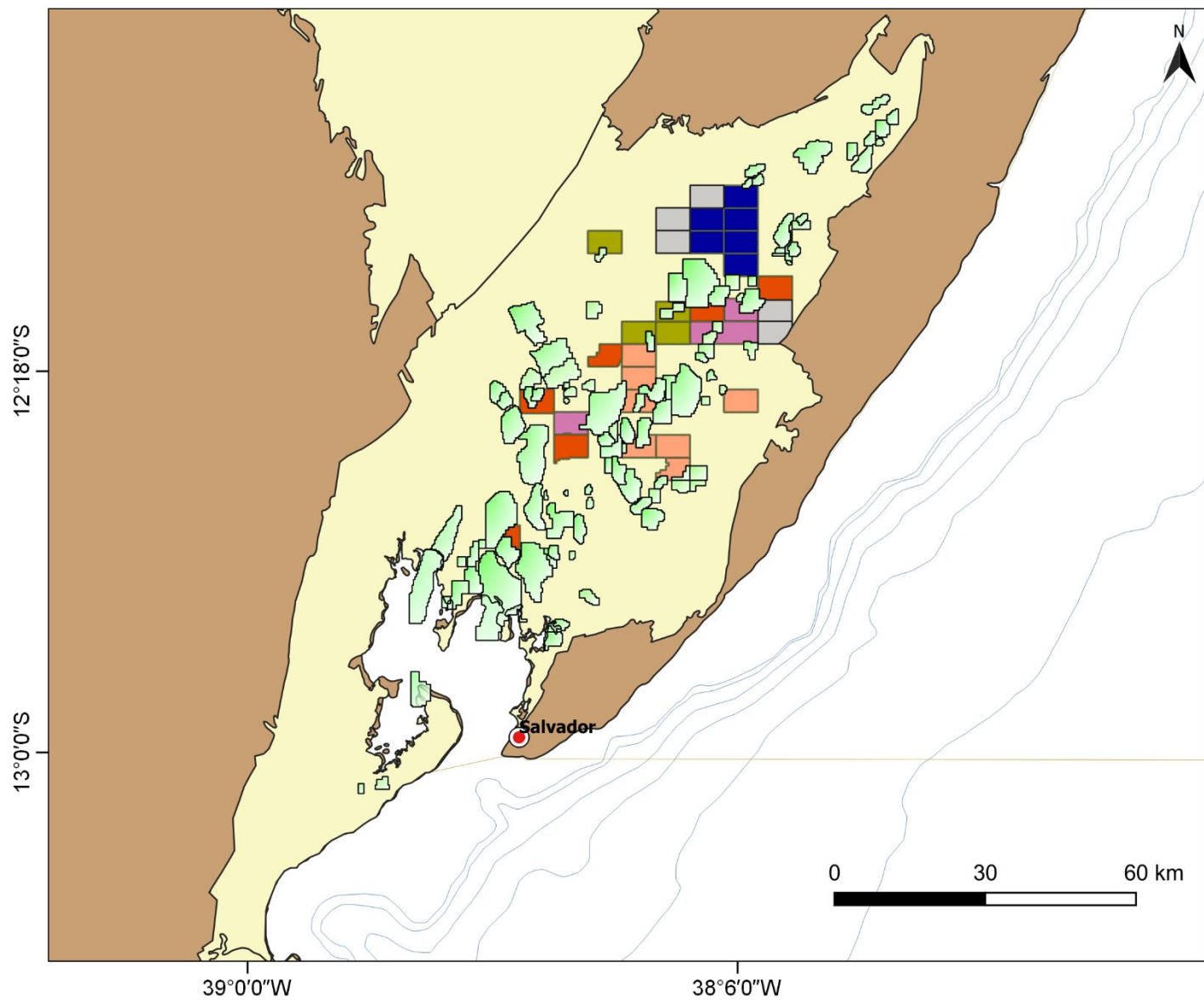


Seção Geológica Esquemática



Source: Milhomem *et al.*, 2003

BACIA DO RECÔNCAVO



Blocos em concessão

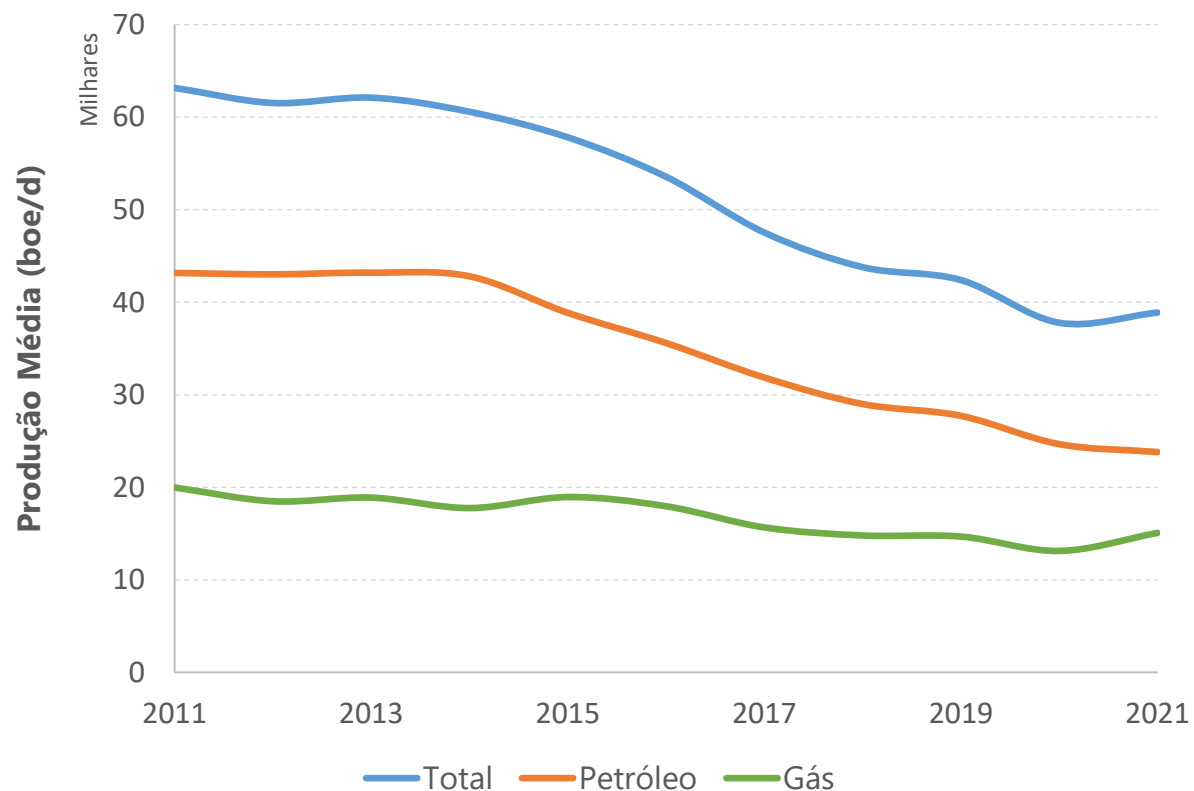
	R9		R13
	R11		R14
	R12		1º Ciclo Oferta Permanente
	Campos em Produção		



BACIA DO RECÔNCAVO

2011 - 2021

▼ 38%



PRODUÇÃO NA ÚLTIMA DÉCADA (BACIA DO RECÔNCAVO)

Gás

2

Milhões m³/dia

▼ 25%

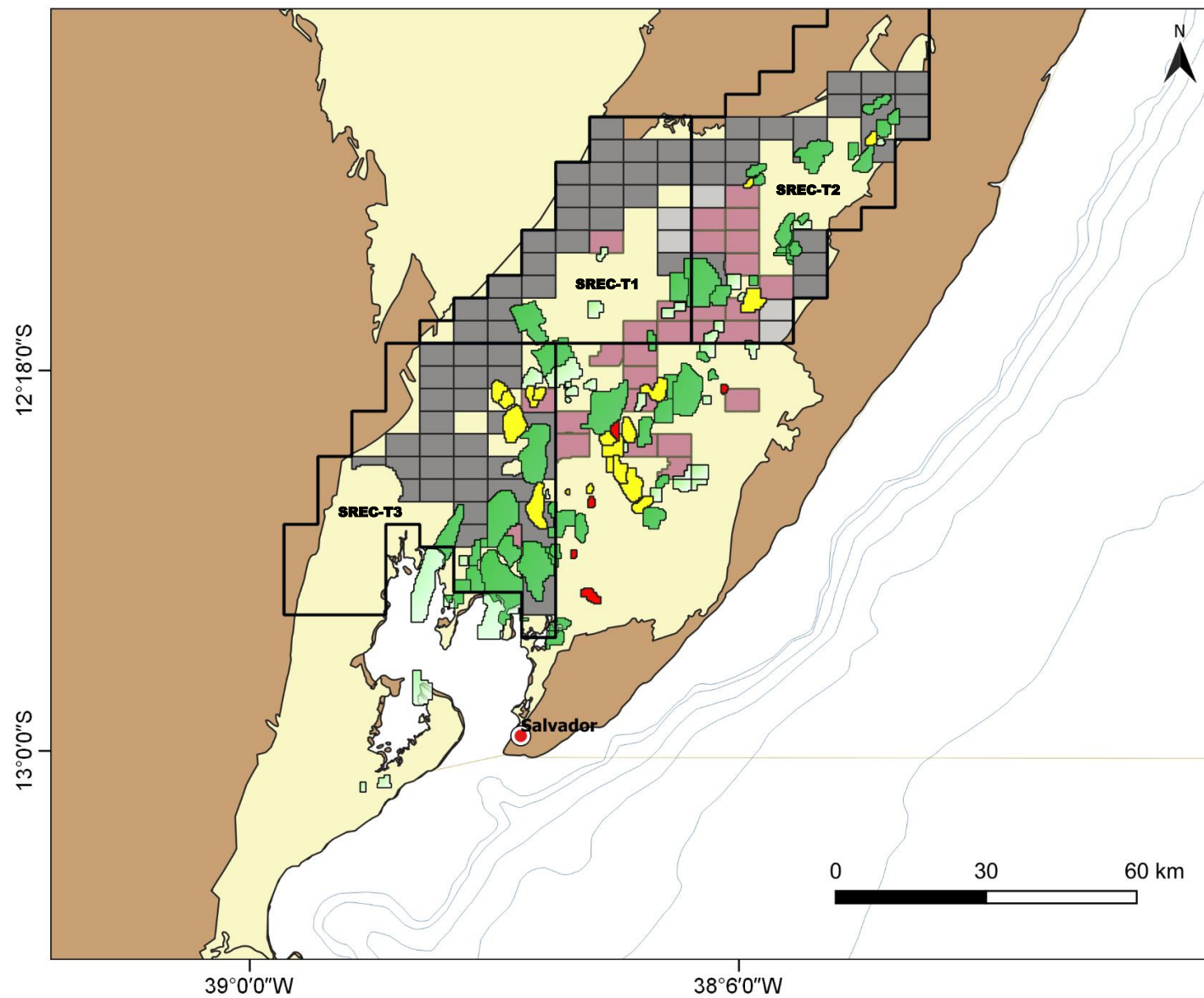
Petróleo

24

Mil bbl/dia

▼ 45%

BACIA DO RECÔNCAVO



Blocos em Oferta

Blocos em concessão

R9/ R11/ R12/ R13/ R14

1º Ciclo Oferta Permanente

Campos em Produção

Acum. Marg. Oferta Permanente

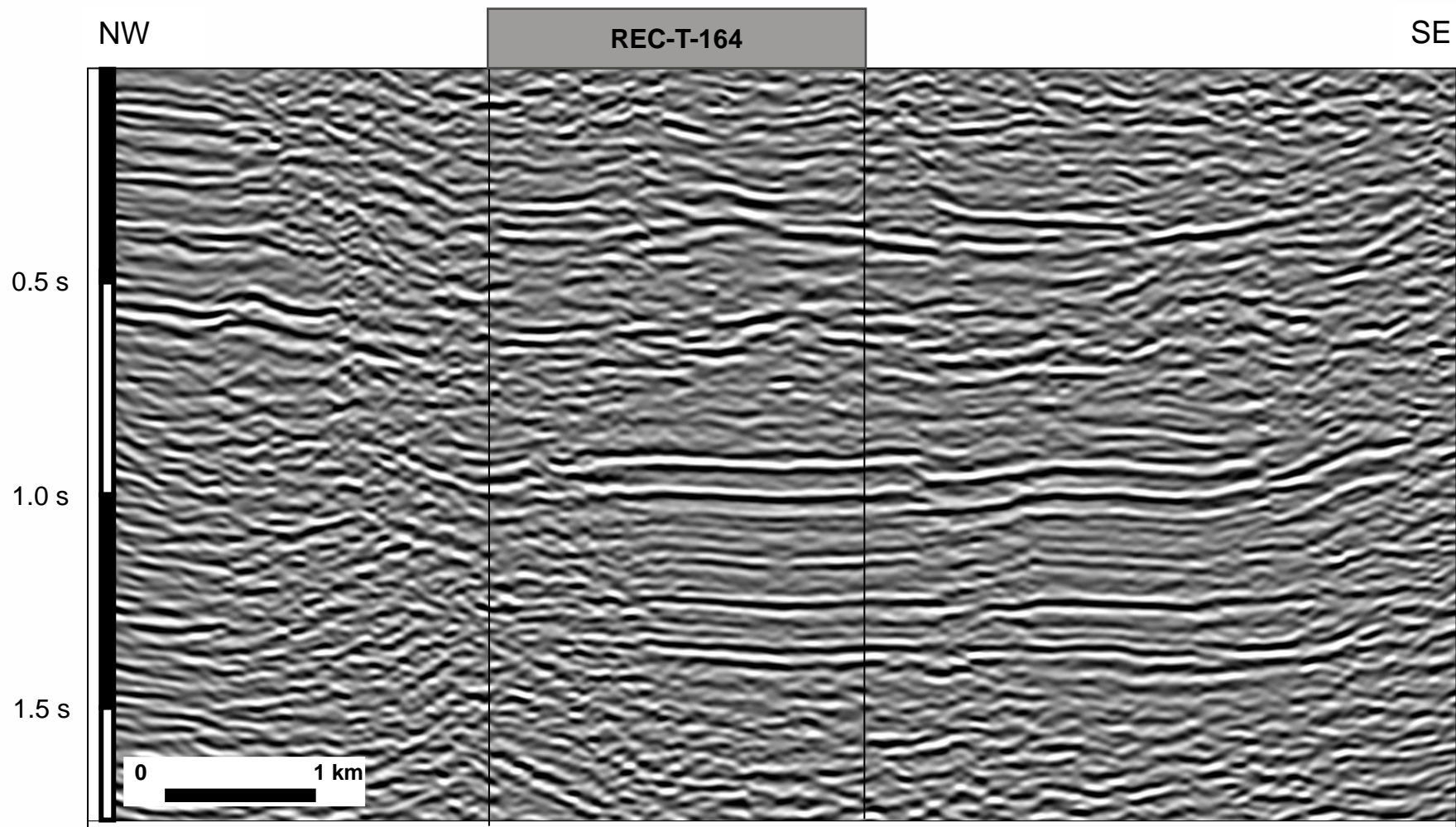
Desinvestimento BR

Teaser BR

Cedidos à outras empresas

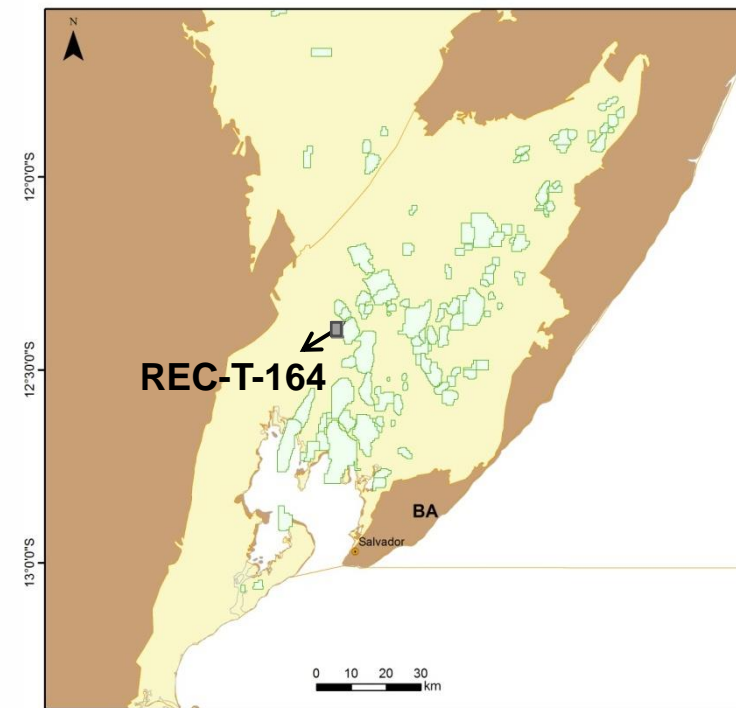


BACIA DO RECÔNCAVO

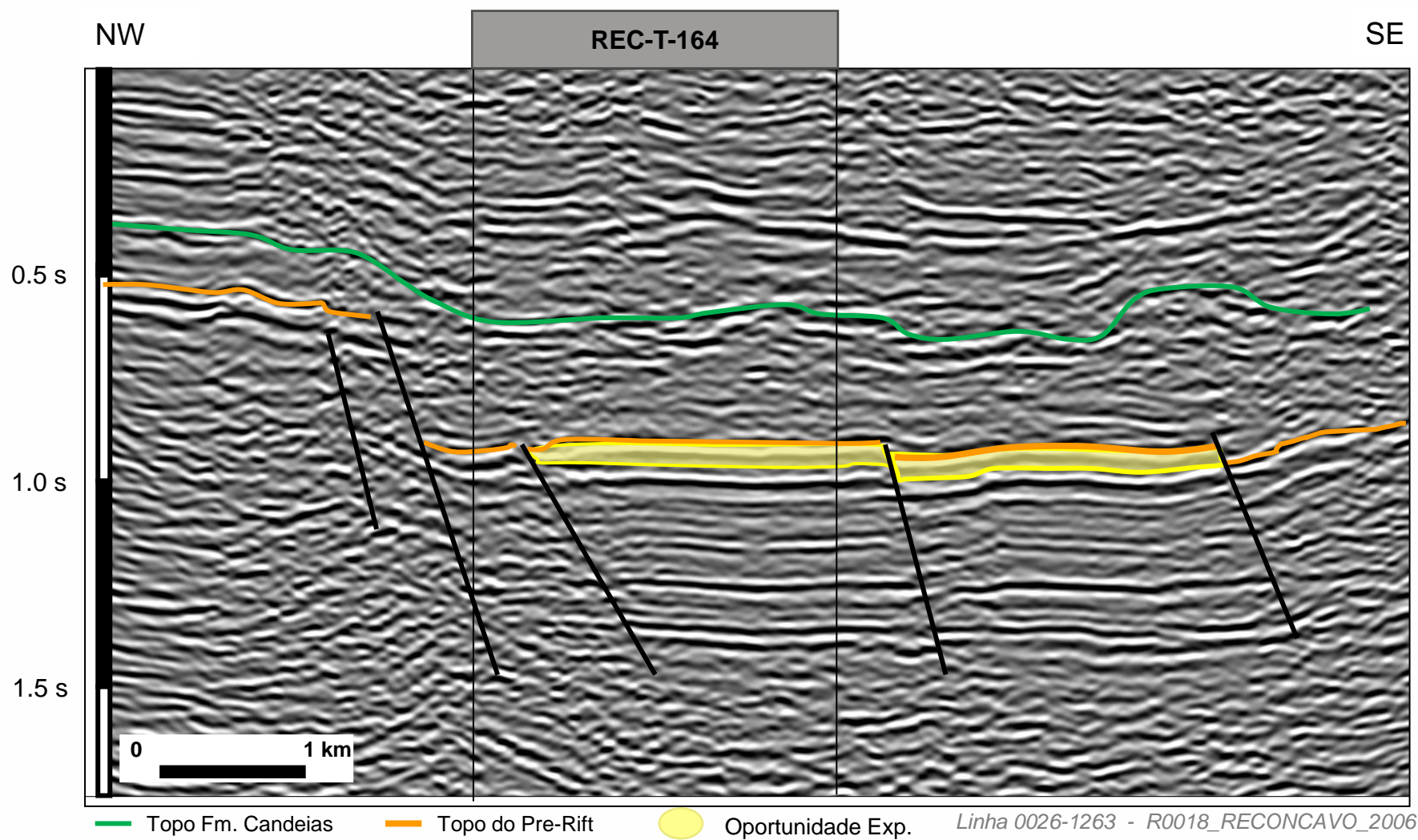


Linha 0026-1263 - R0018_RECONCAVO_2006

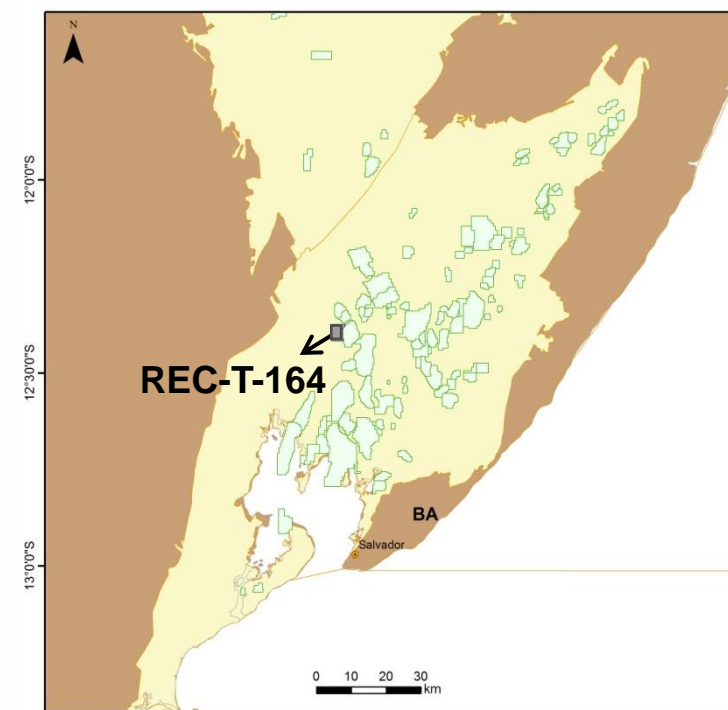

Bloco em Oferta



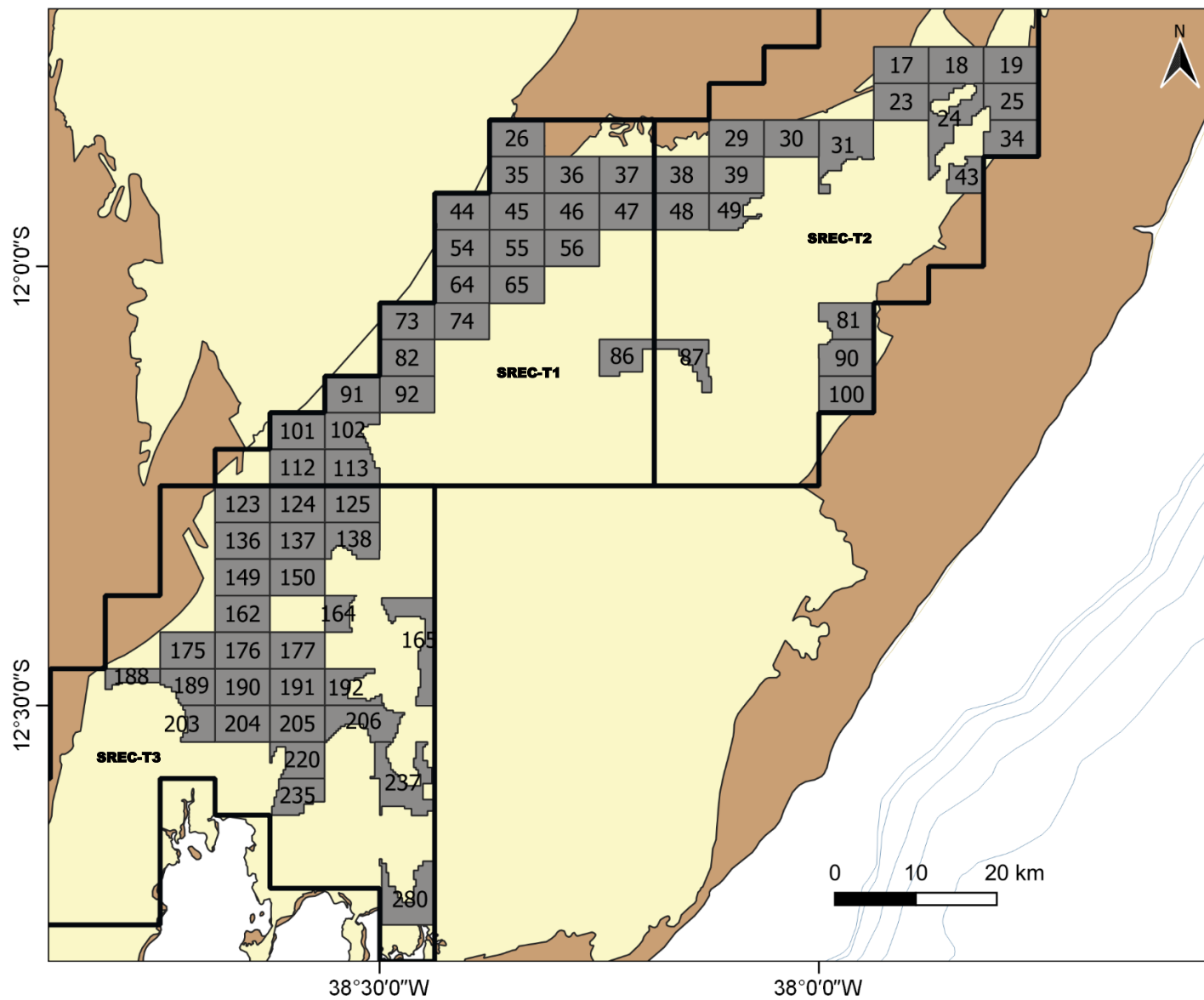
BACIA DO RECÔNCAVO



Bloco em Oferta

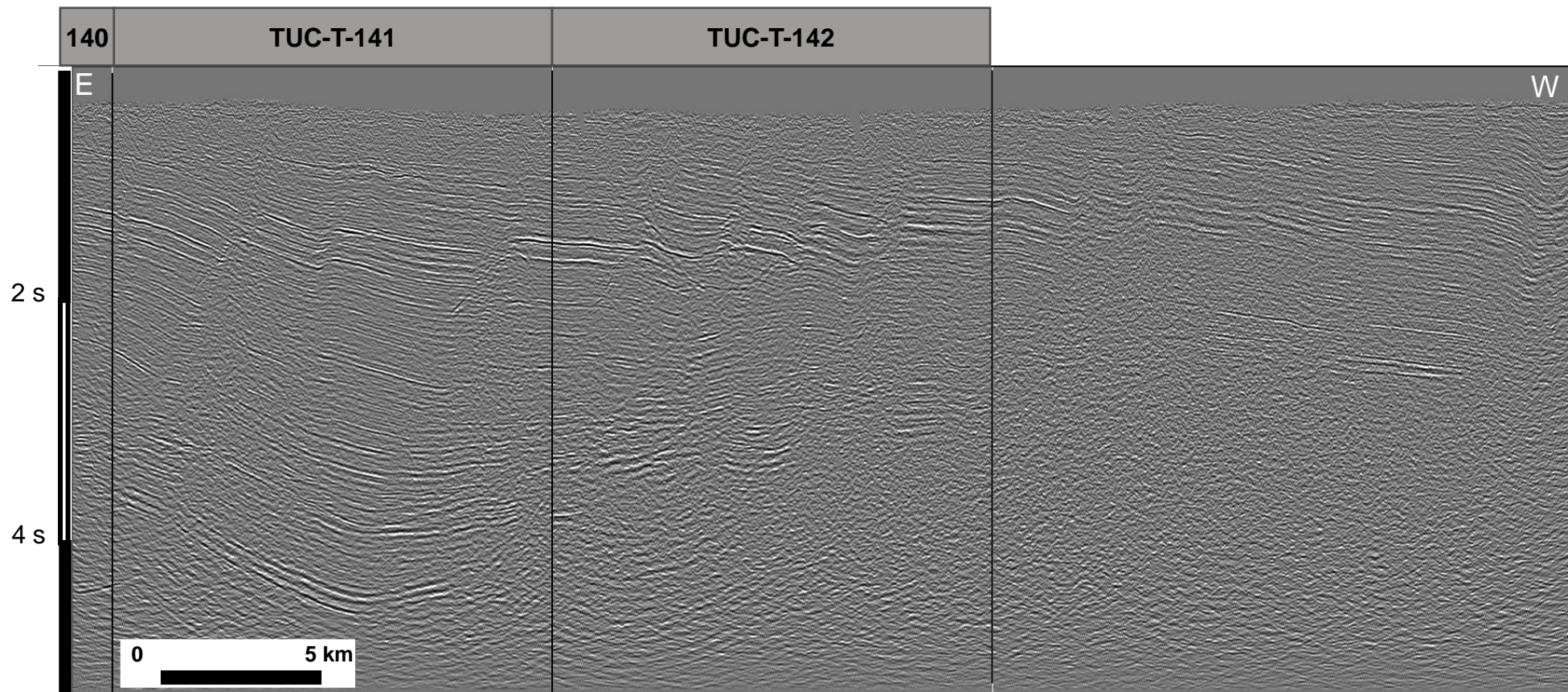


BACIA DO RECÔNCAVO

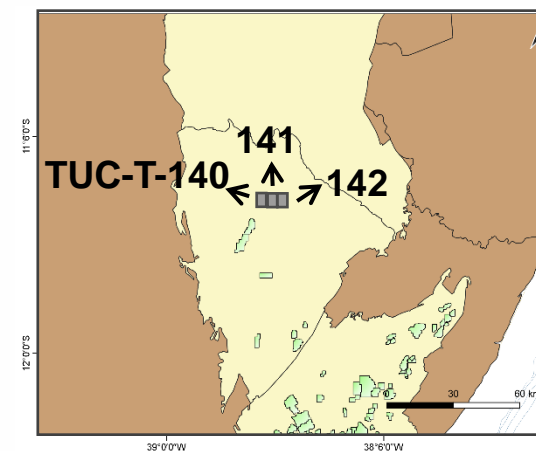


74 Blocos em Oferta

BACIA DE TUCANO (Fronteira)

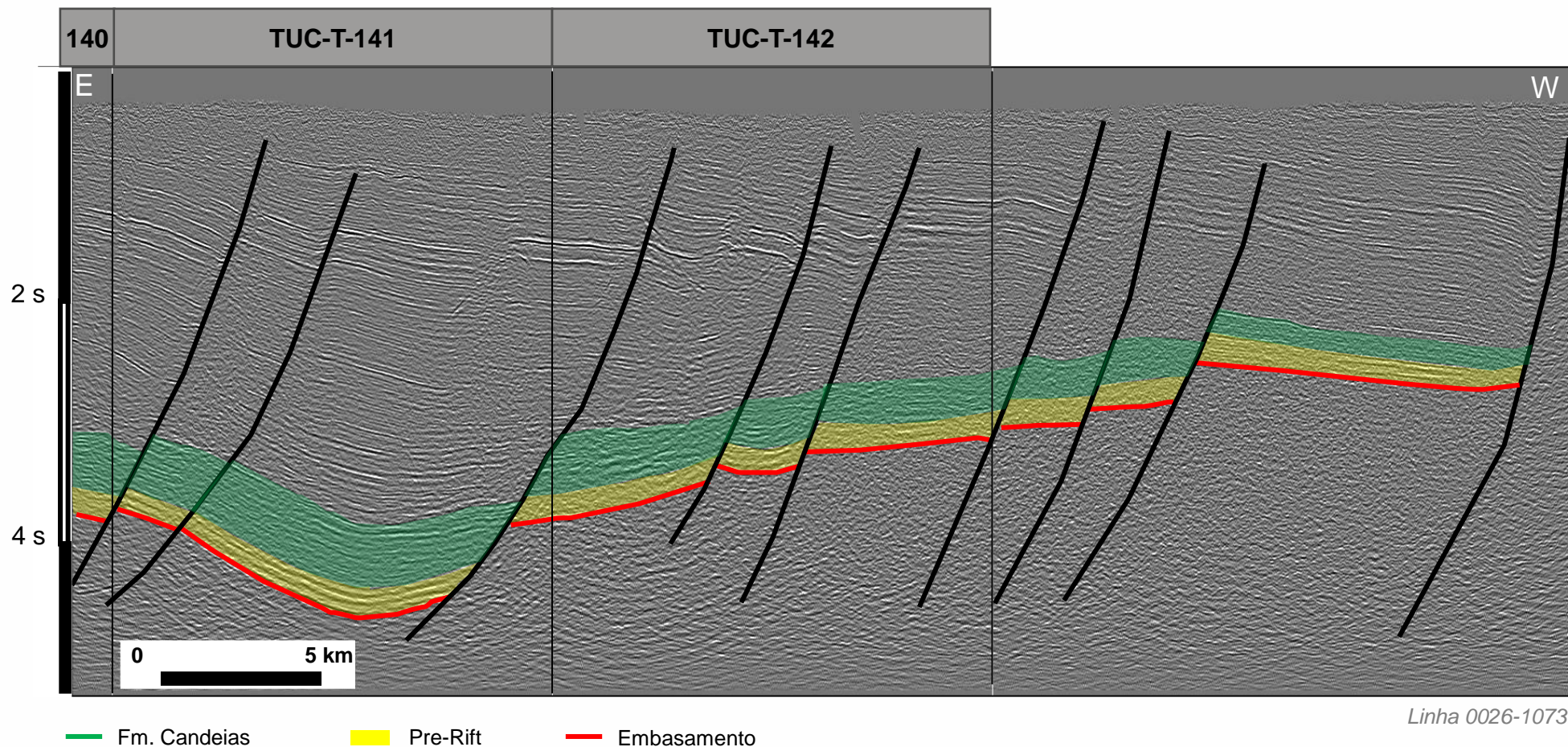



Bloco em Oferta

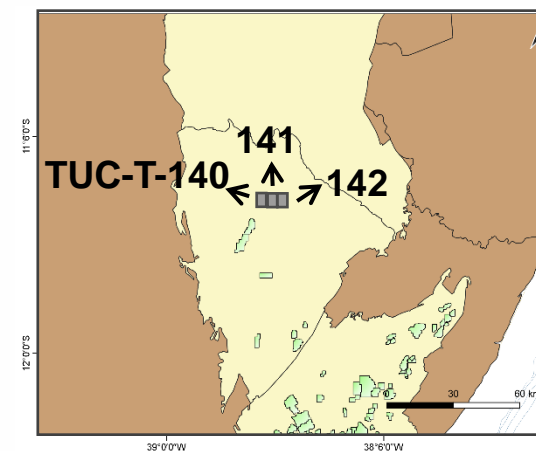


Linha 0026-1073

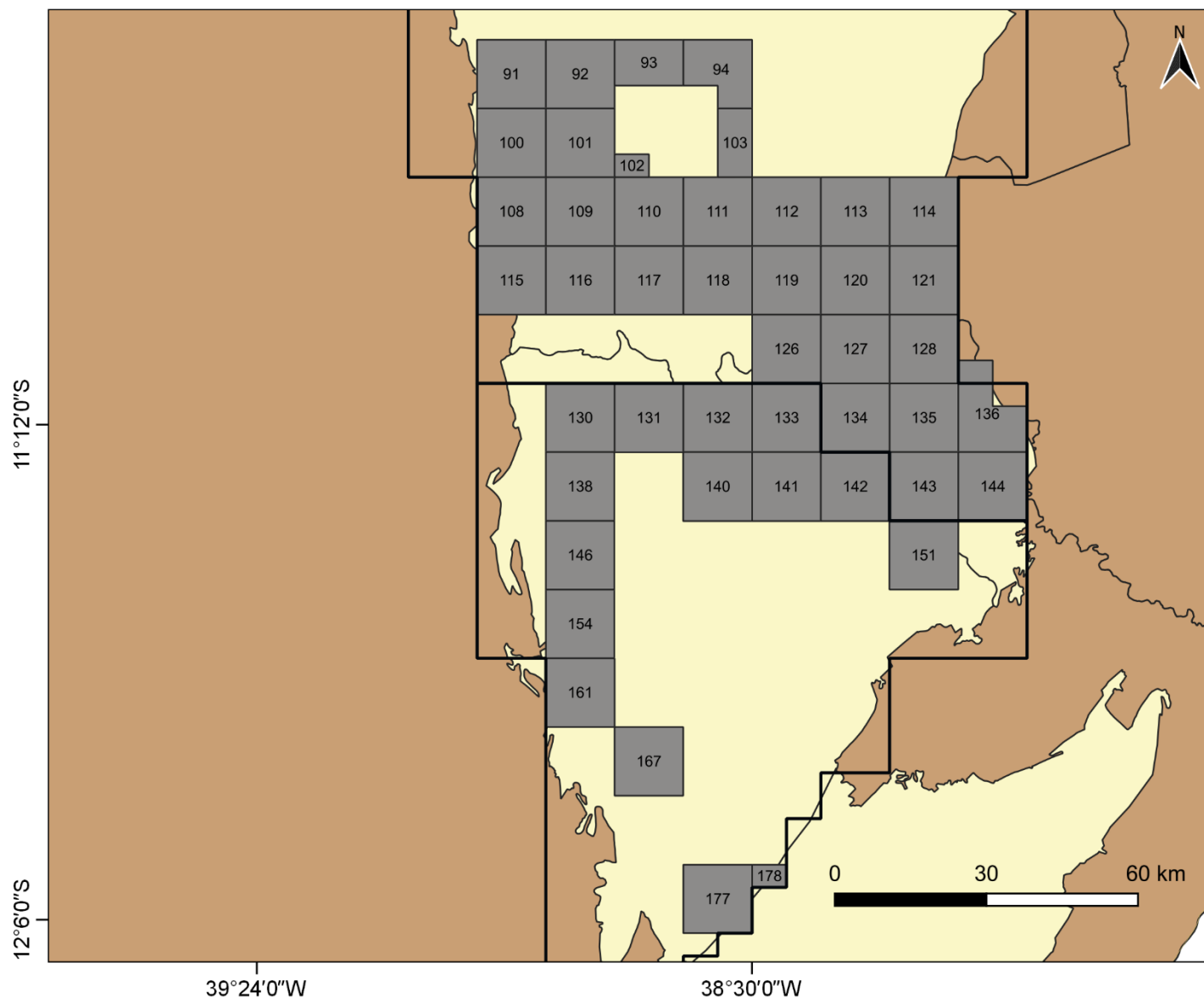
BACIA DE TUCANO (Fronteira)



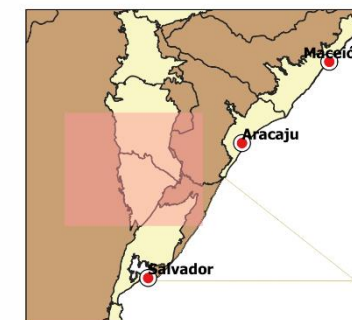

Bloco em Oferta



BACIA DE TUCANO *1

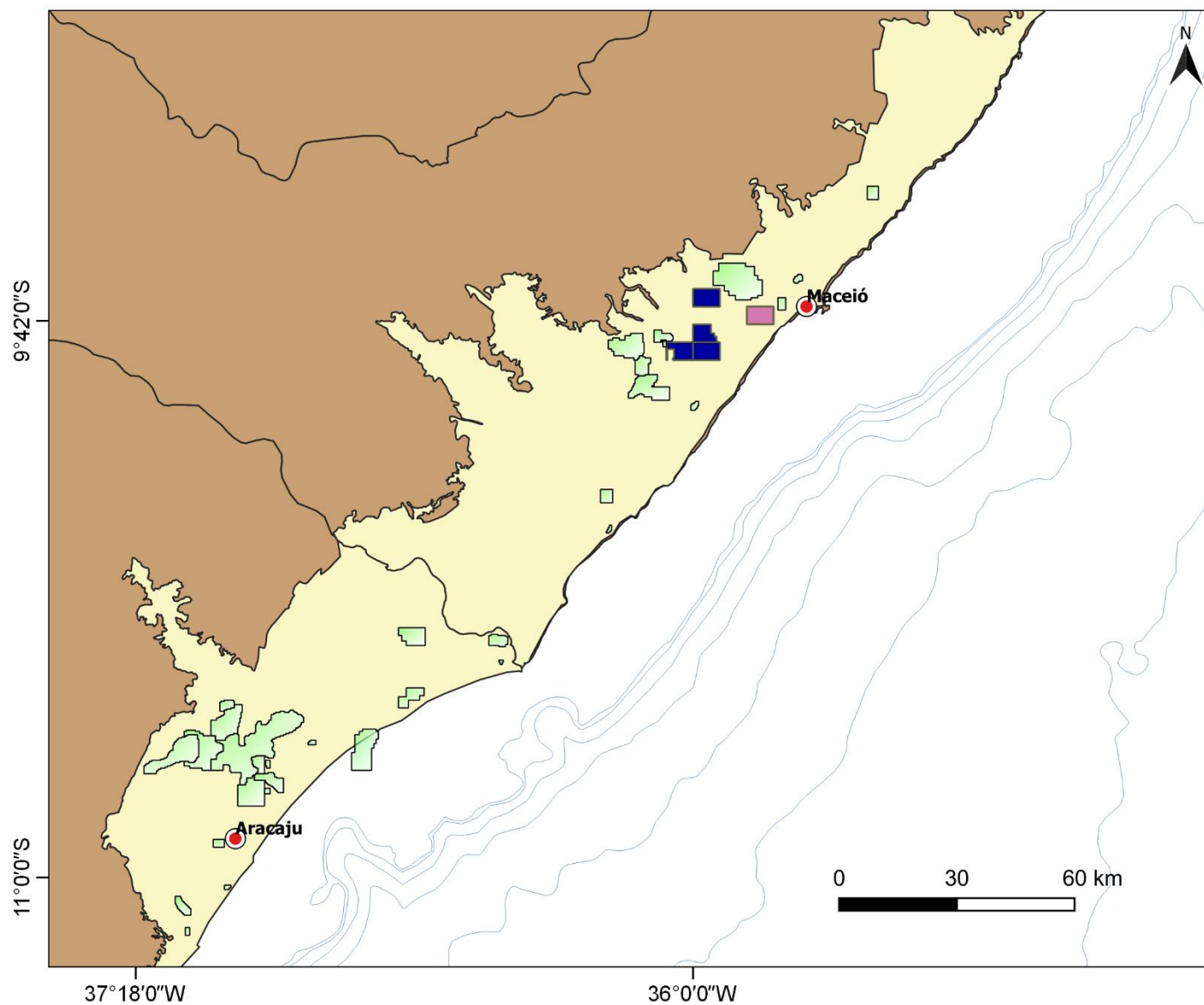


45 Blocos em Oferta






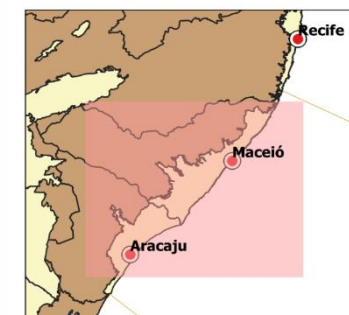
TUCANO: *1 Produtora, mas não madura

BACIA DE SERGIPE-ALAGOAS - TERRA



Blocos em concessão

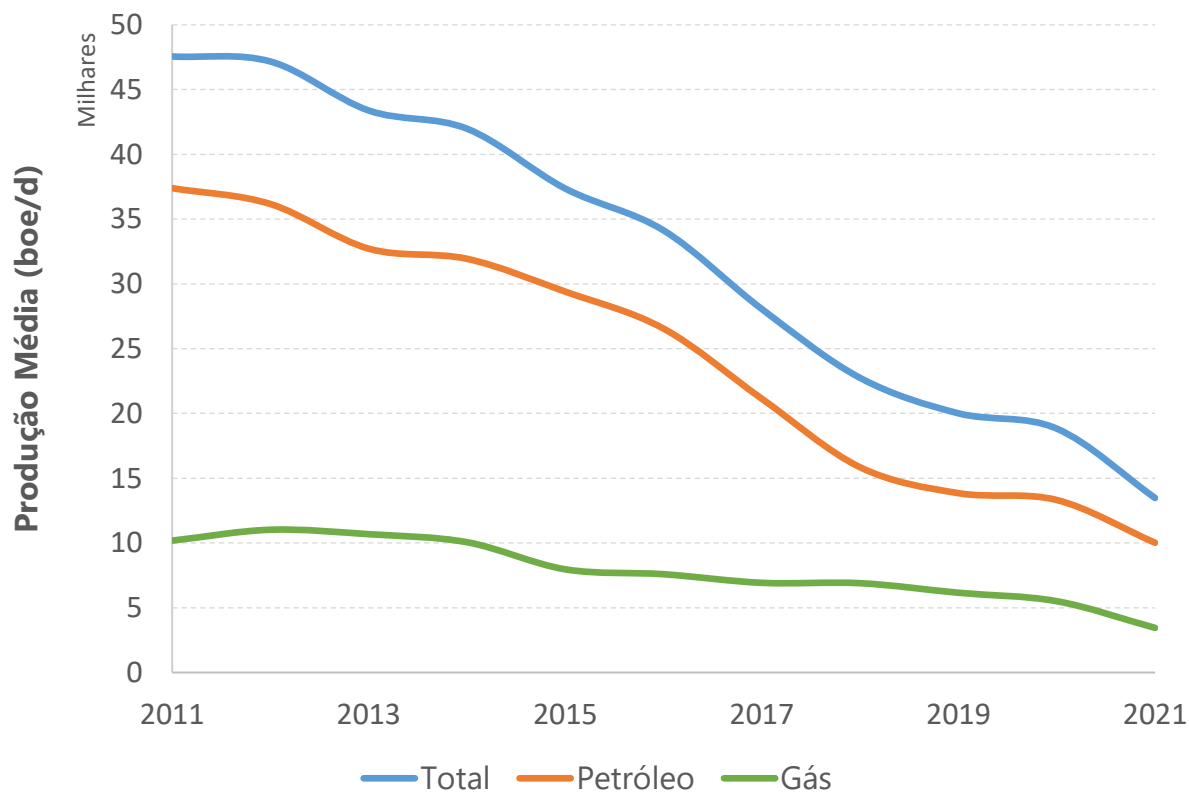
-  R12
-  R14
-  Campos em Produção



BACIA DE SERGIPE-ALAGOAS - TERRA

2011 - 2021

▼ 72%



PRODUÇÃO NA ÚLTIMA DÉCADA (BACIA DE SERGIPE-ALAGOAS TERRA)

Gás

468

Mil m³/dia

▼ 66%

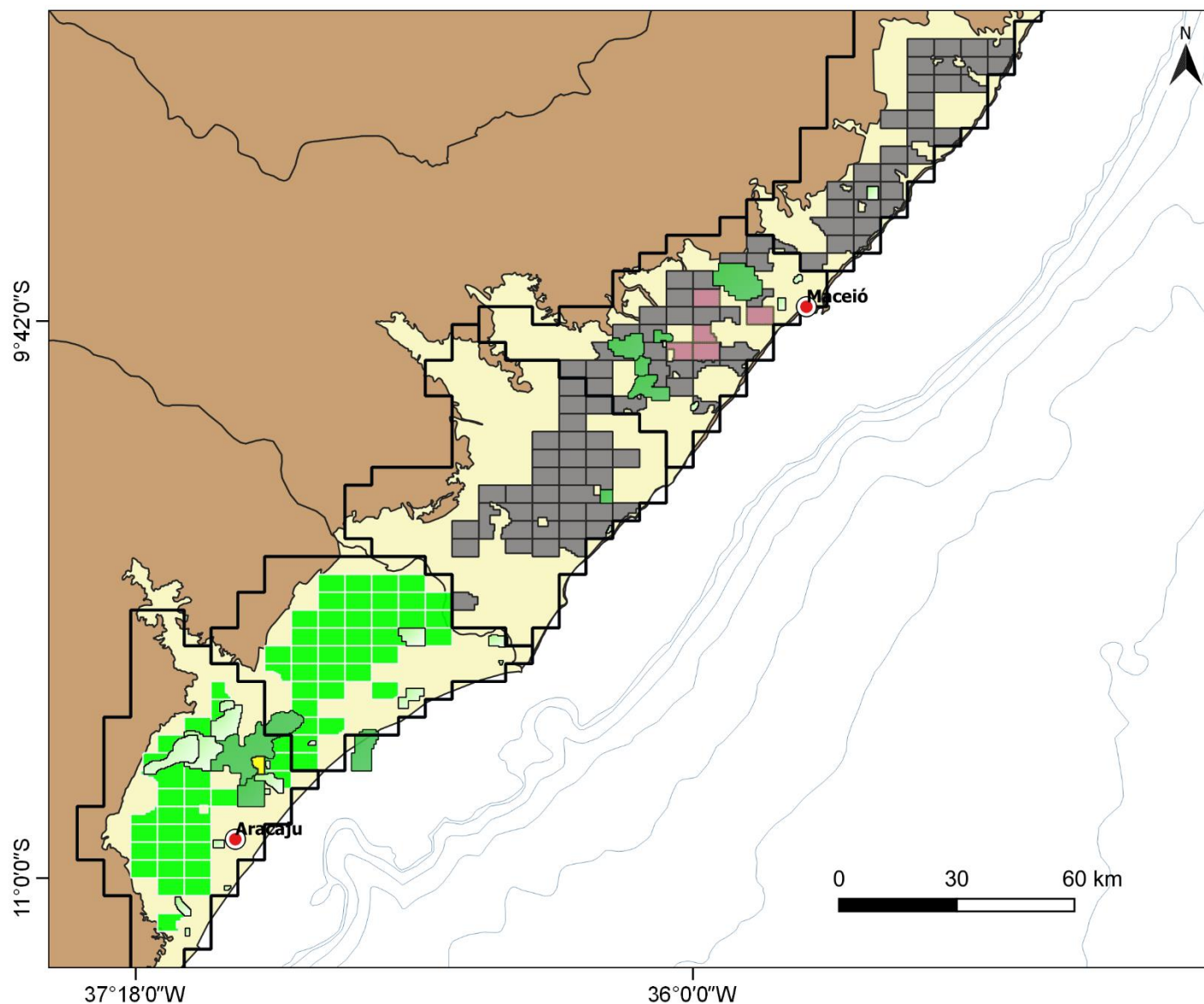
Petróleo

10

Mil bbl/dia

▼ 73%

BACIA DE SERGIPE-ALAGOAS - TERRA



Blocos em Oferta

Blocos em concessão

R12/R14

Campos em Produção

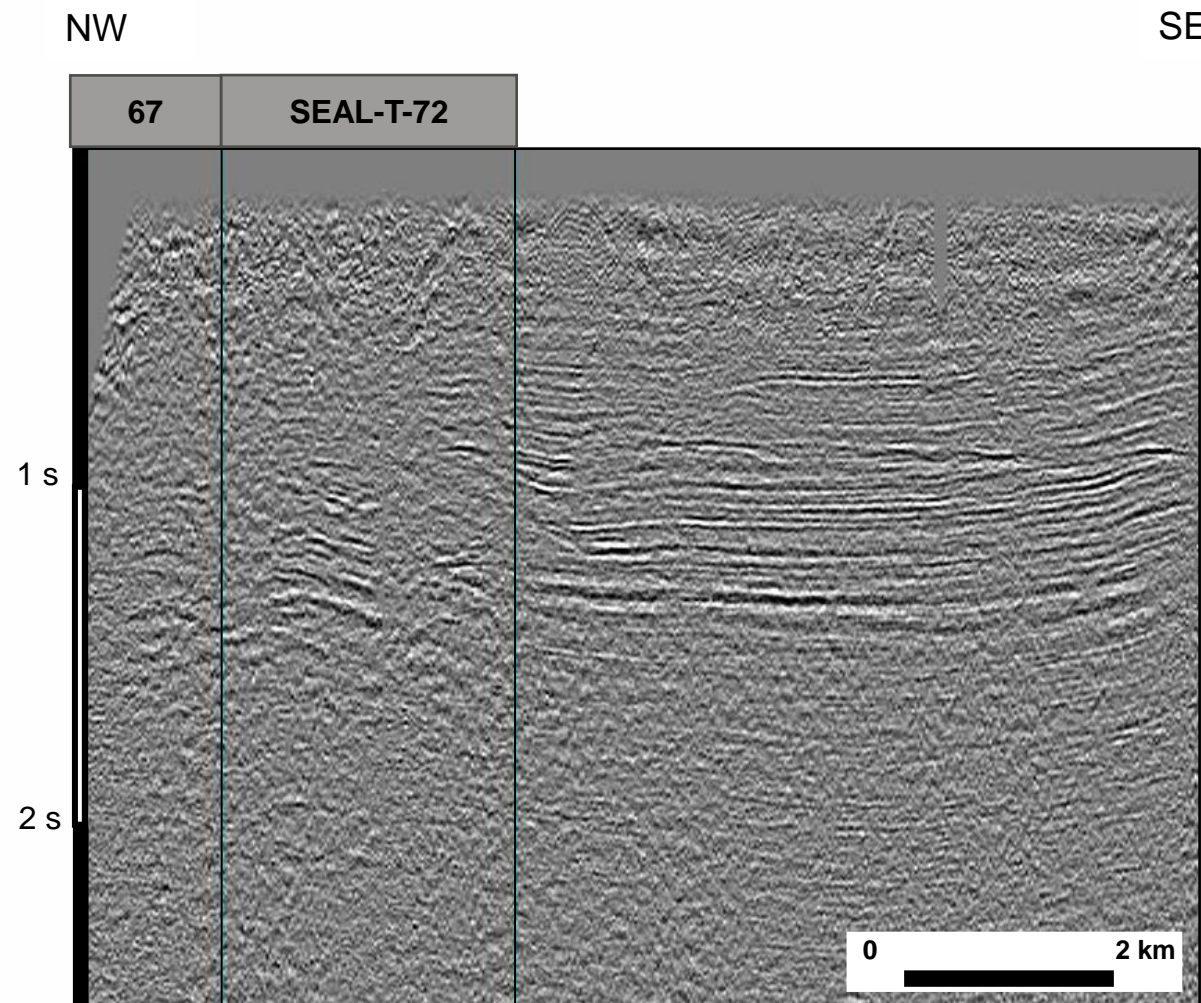
Desinvestimento BR

Teaser BR

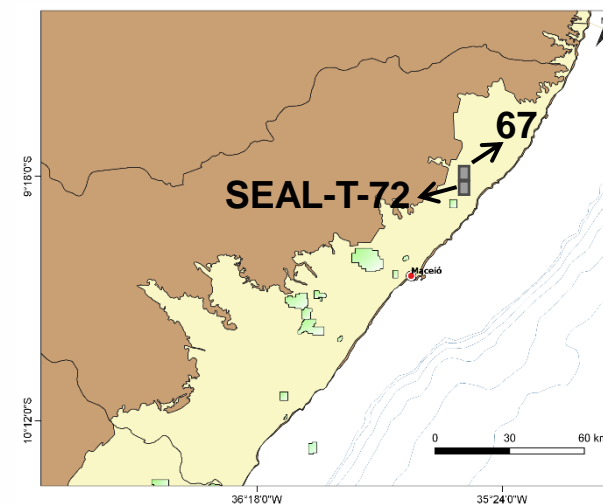
Cedidos à outras empresas



BACIA DE SERGIPE-ALAGOAS - TERRA

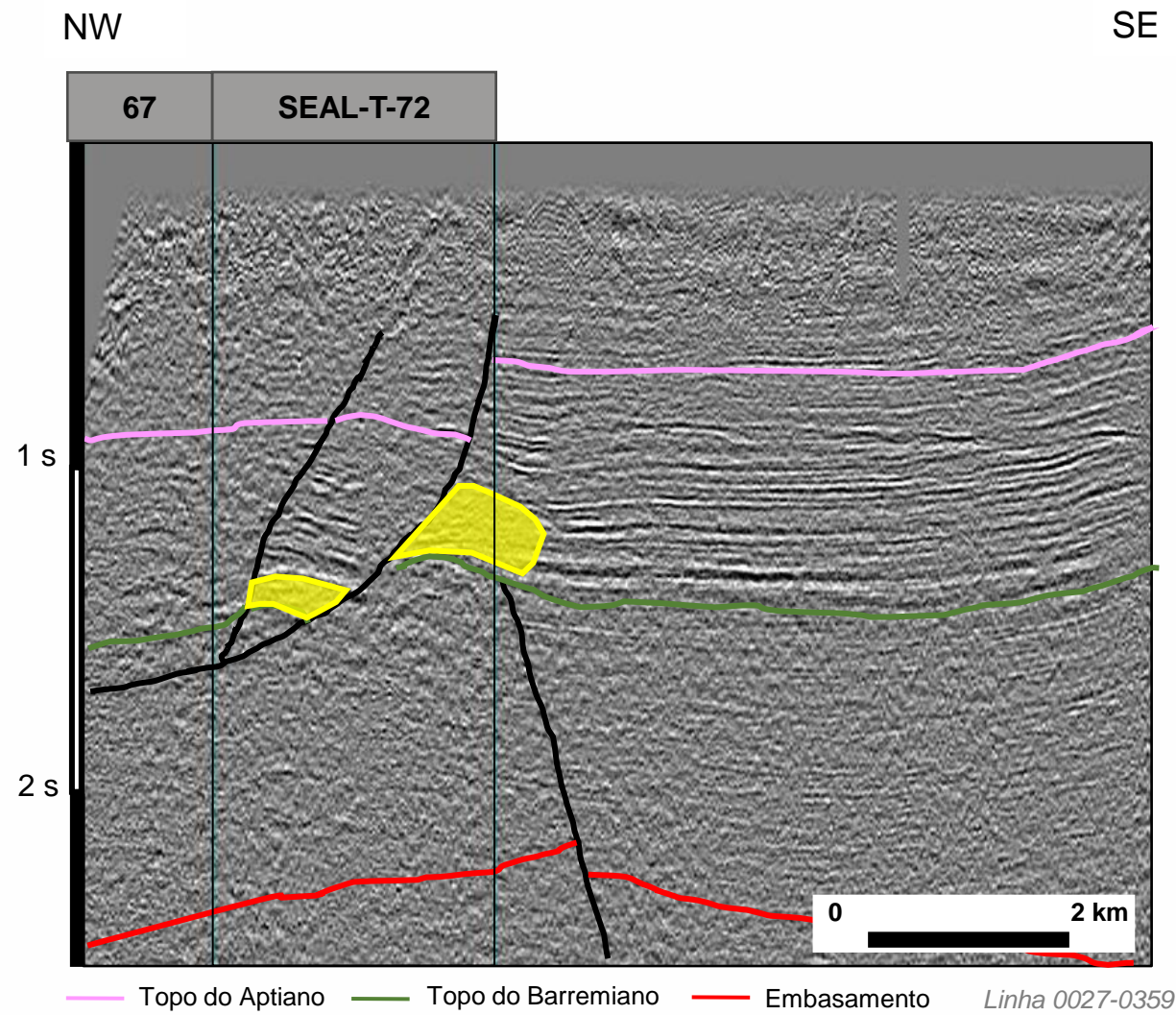



Bloco em Oferta

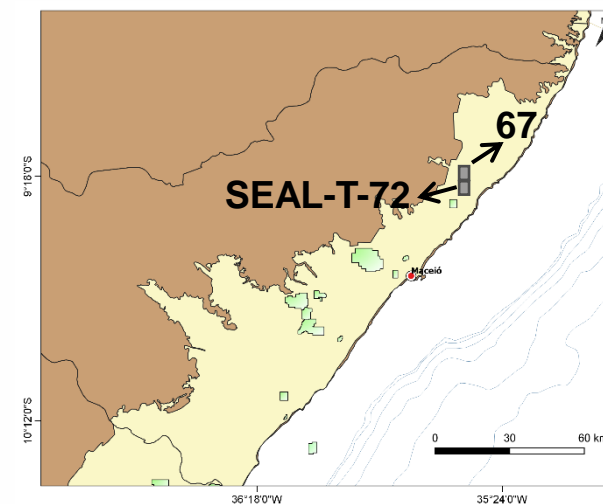


Linha 0027-0359

BACIA DE SERGIPE-ALAGOAS - TERRA




Bloco em Oferta



 Oportunidade Exp.

BACIA DE SERGIPE-ALAGOAS - TERRA

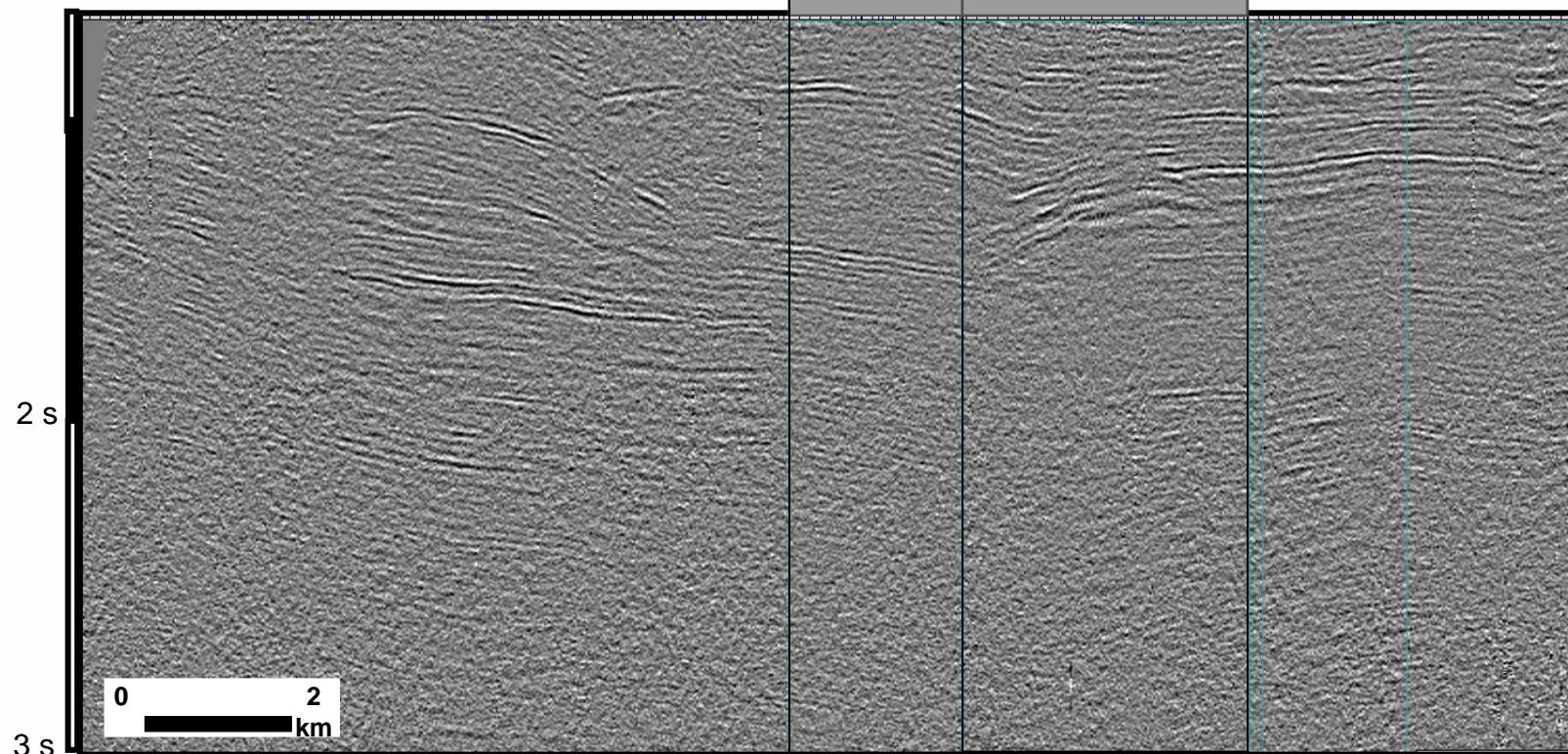
SE

NW

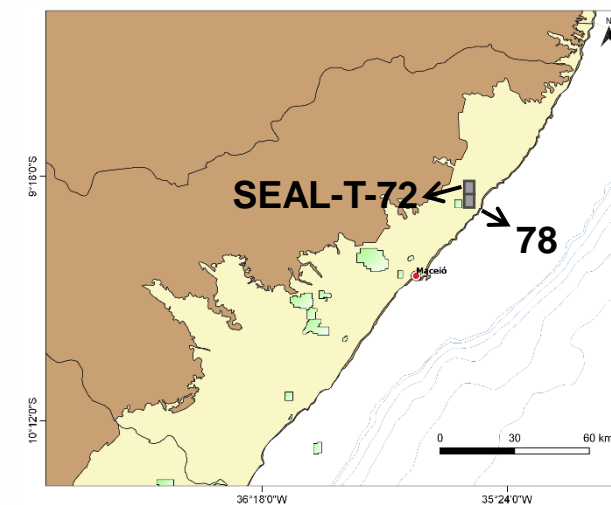
Campo Fazenda Guindaste

SEAL-T-78

SEAL-T-72



Bloco em Oferta



Linha 0027-0678

BACIA DE SERGIPE-ALAGOAS - TERRA

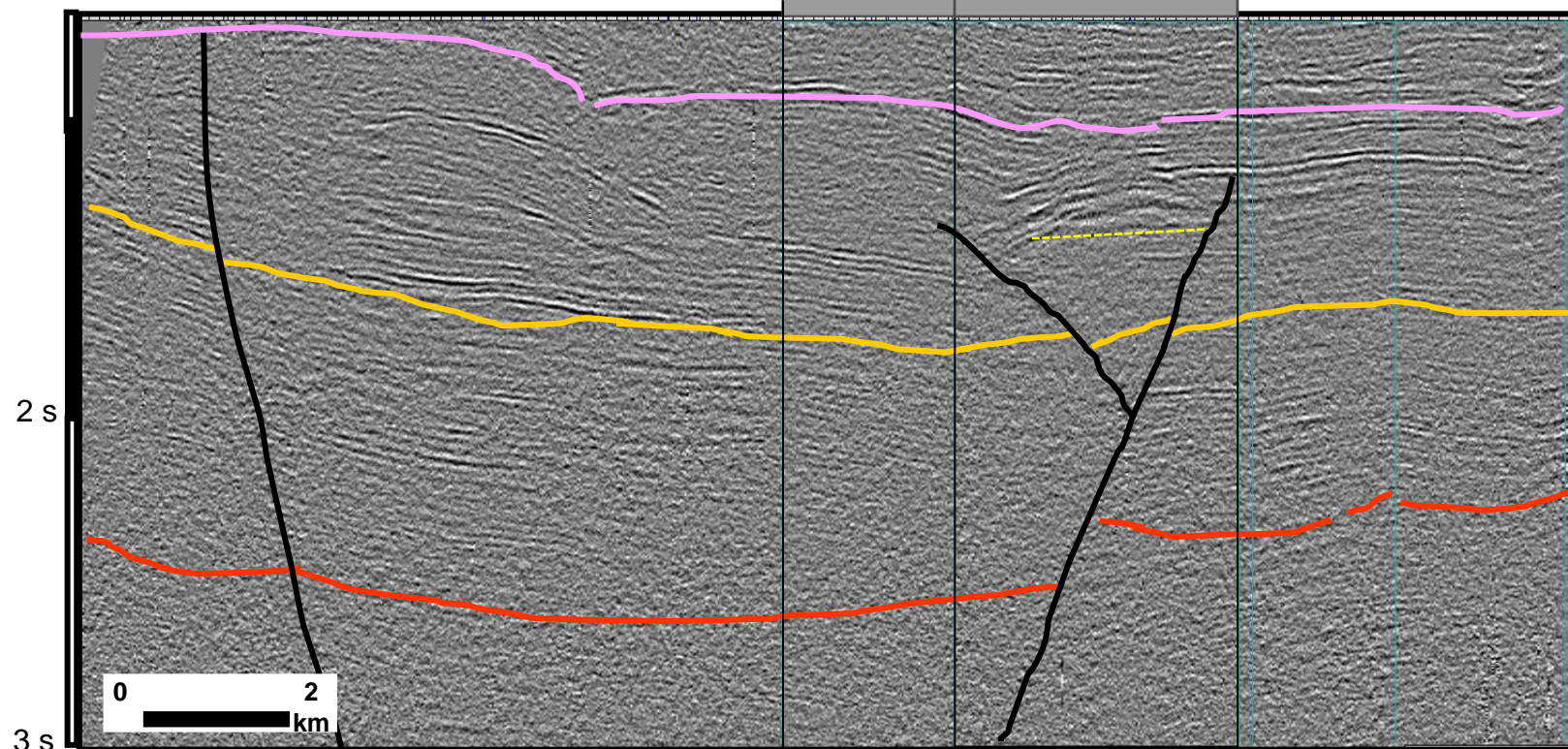
SE

NW

Campo Fazenda Guindaste

SEAL-T-78

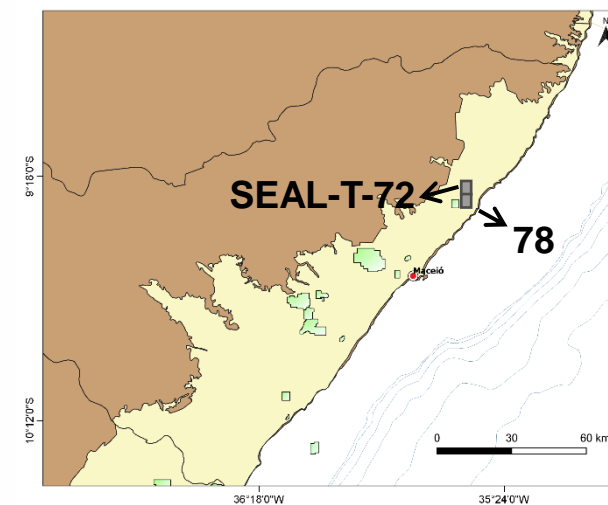
SEAL-T-72



— Topo do Aptiano — Topo do Barremiano — Embasamento ● Oportunidade Exp.

Linha 0027-0678

Bloco em Oferta



BACIA DE SERGIPE-ALAGOAS - TERRA

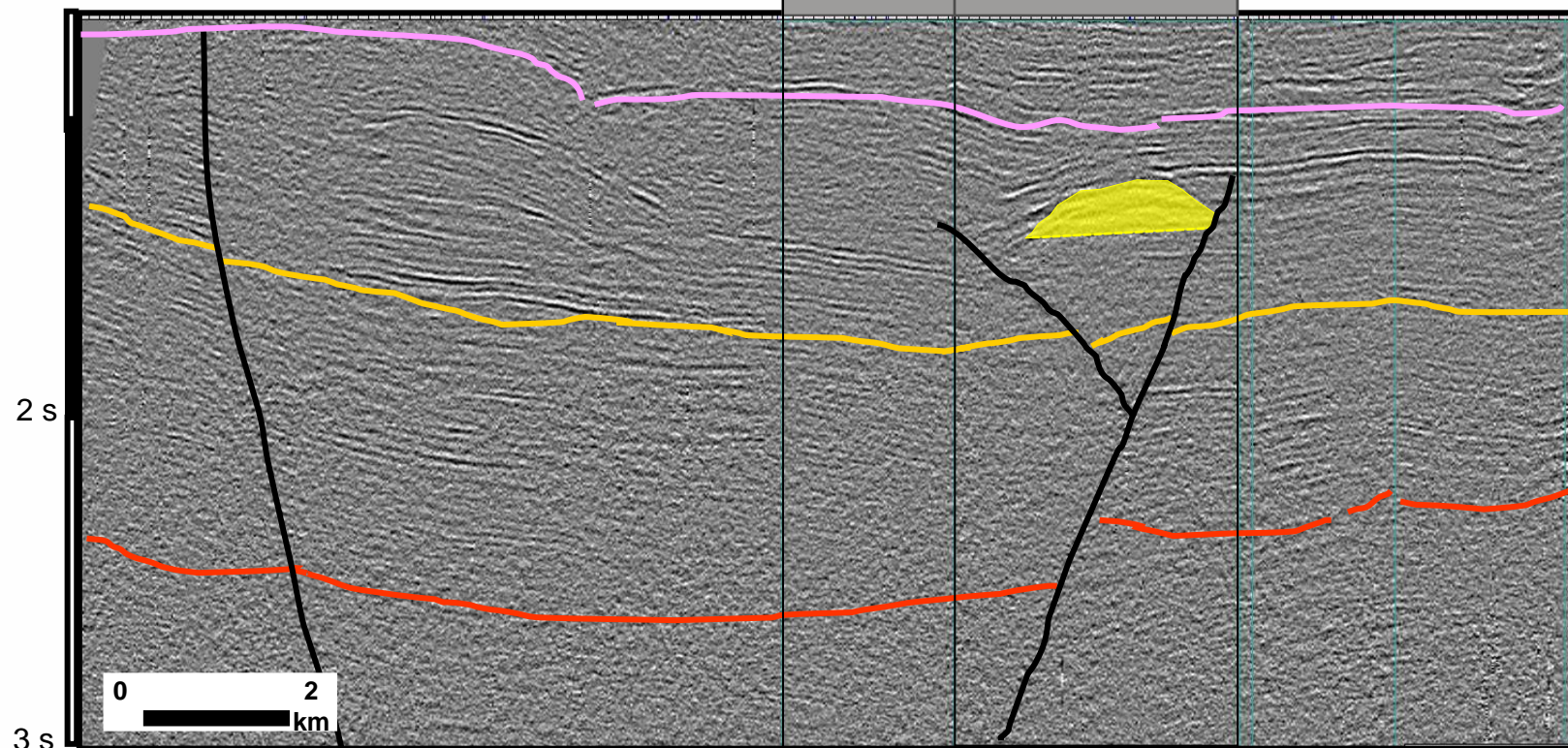
SE

NW

Campo Fazenda Guindaste

SEAL-T-78

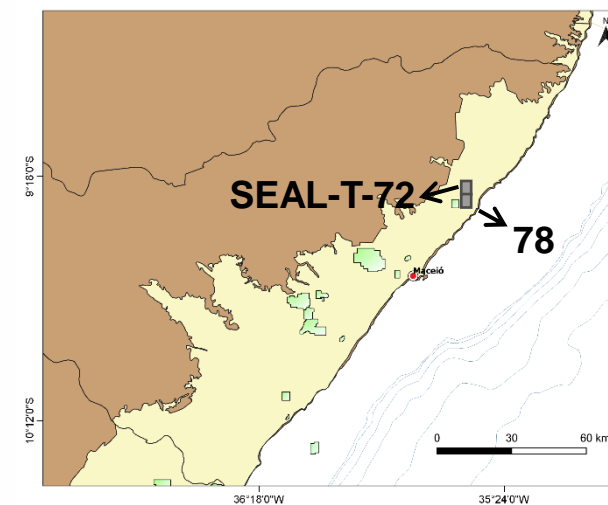
SEAL-T-72



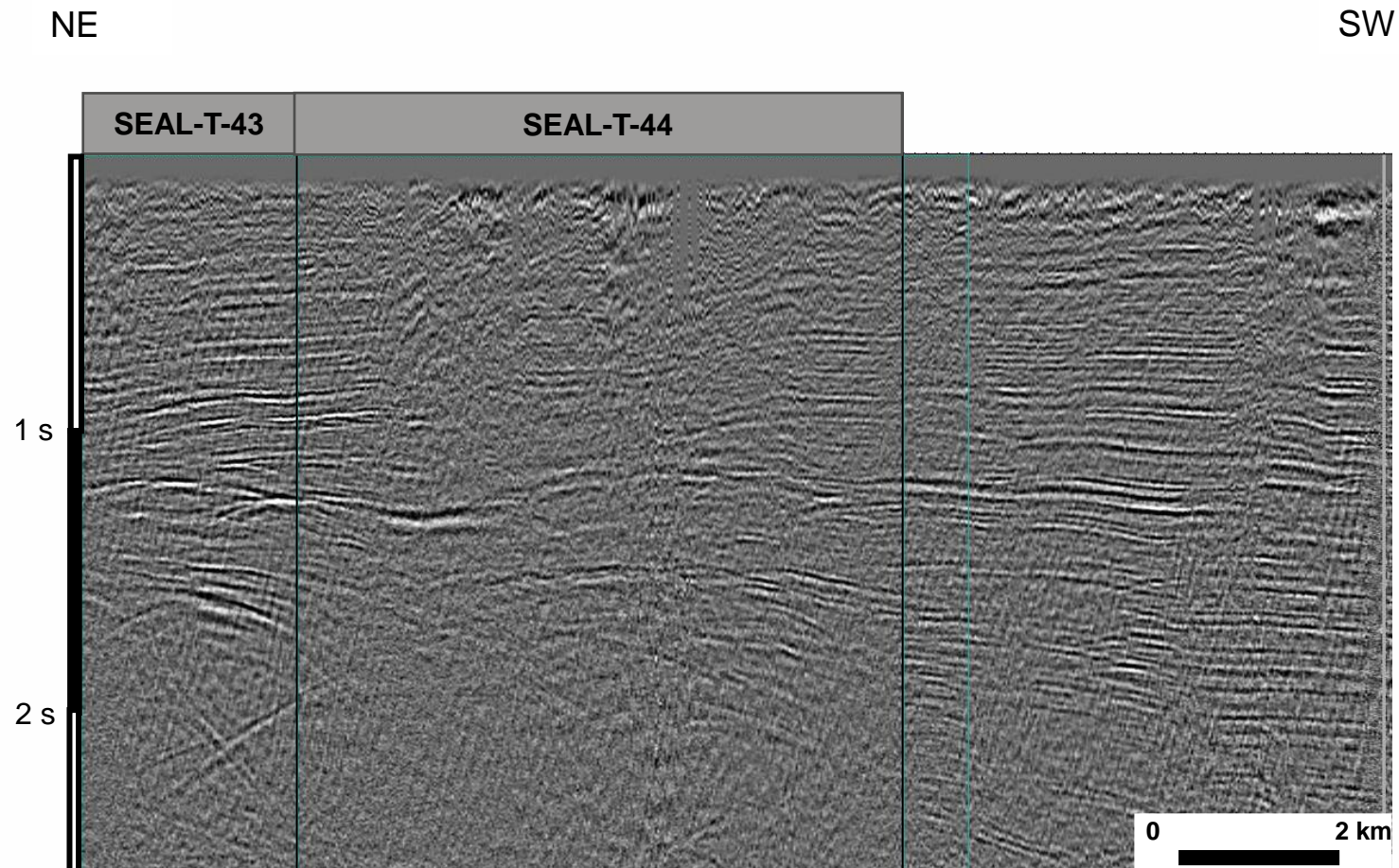
— Topo do Aptiano — Topo do Barremiano — Embasamento — Oportunidade Exp.

Linha 0027-0678

Bloco em Oferta

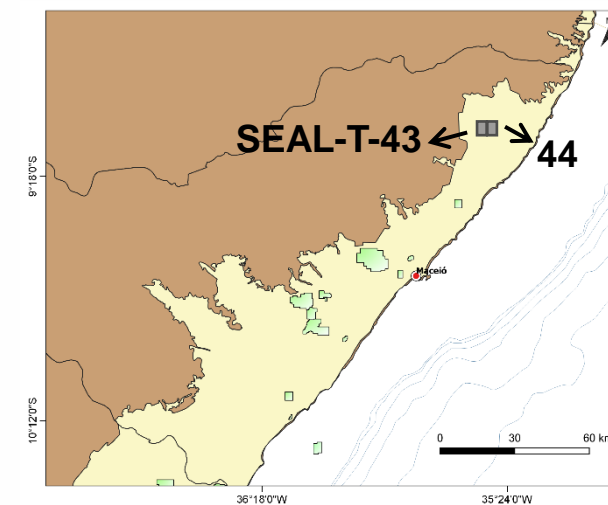


BACIA DE SERGIPE-ALAGOAS - TERRA

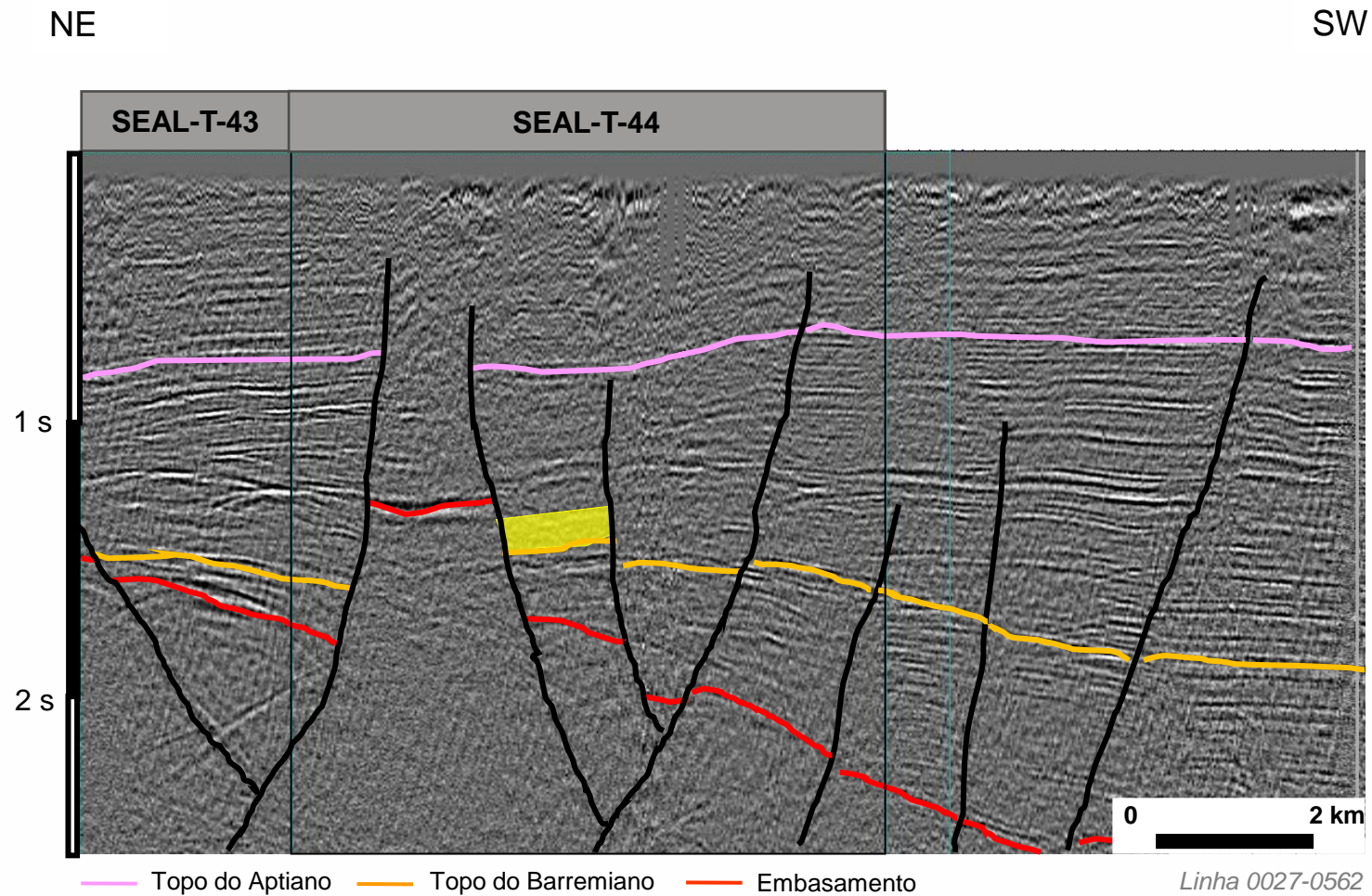


Linha 0027-0562

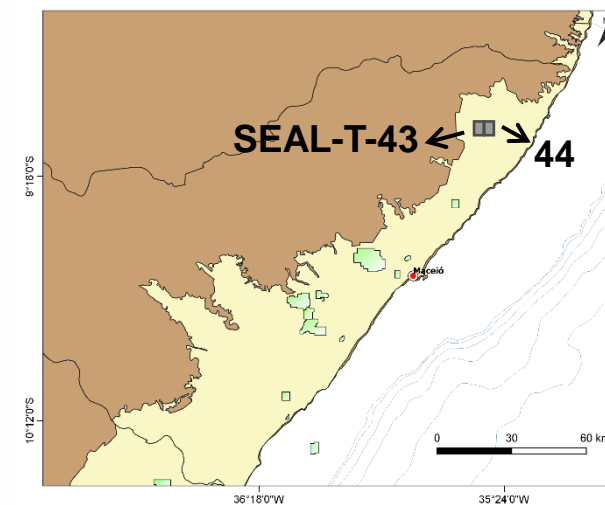

Bloco em Oferta



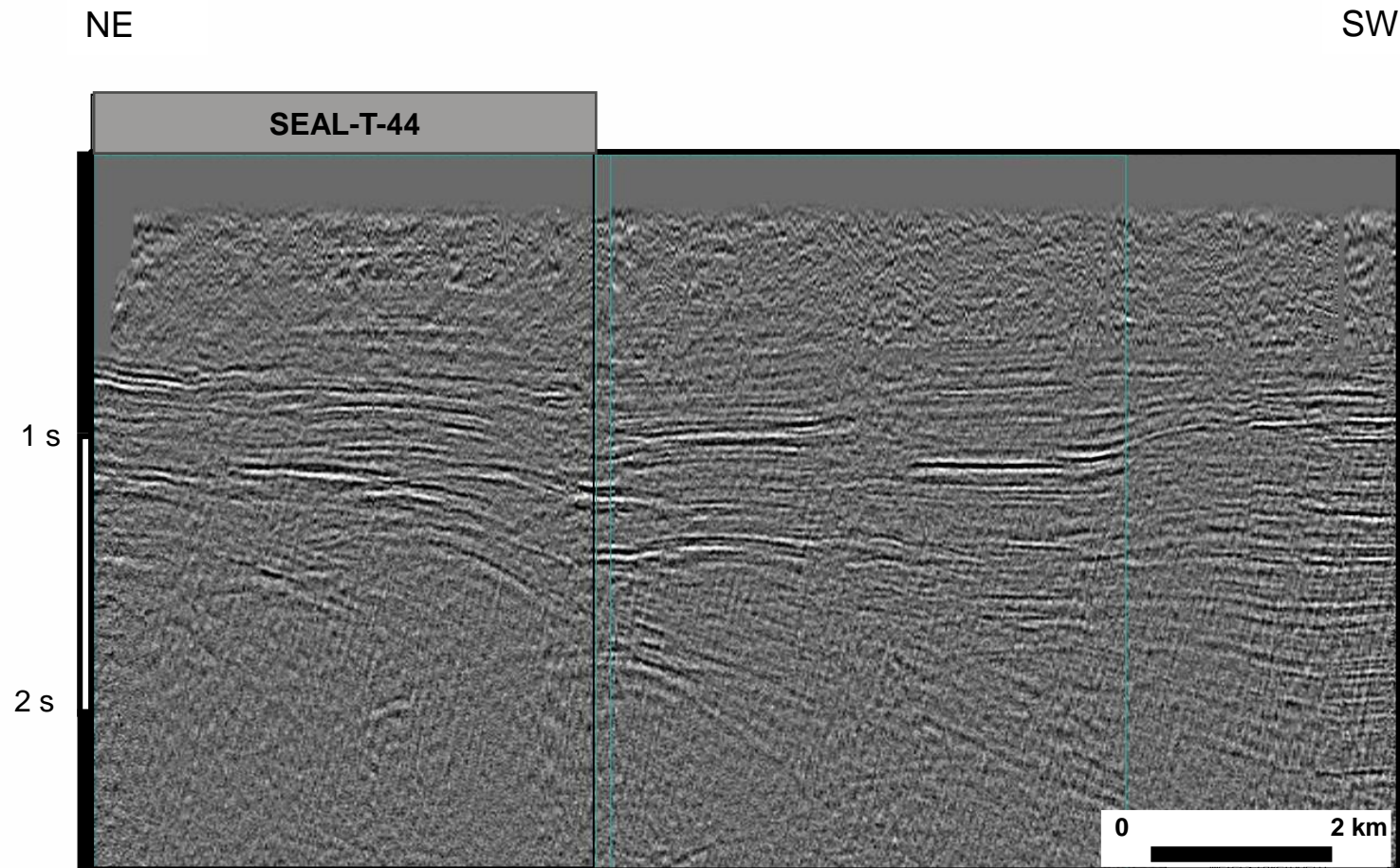
BACIA DE SERGIPE-ALAGOAS - TERRA




Bloco em Oferta

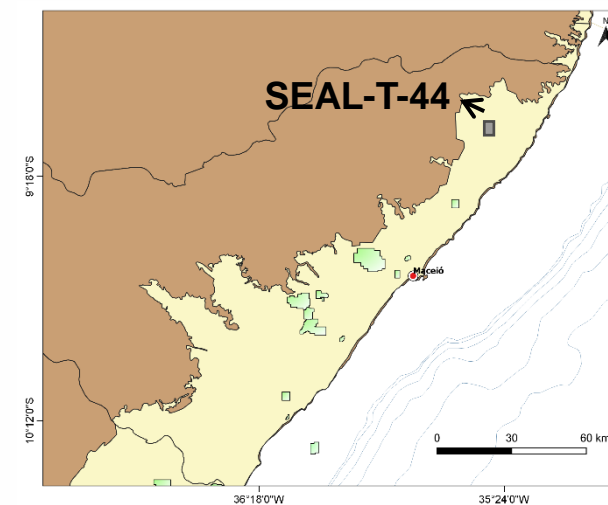


BACIA DE SERGIPE-ALAGOAS - TERRA

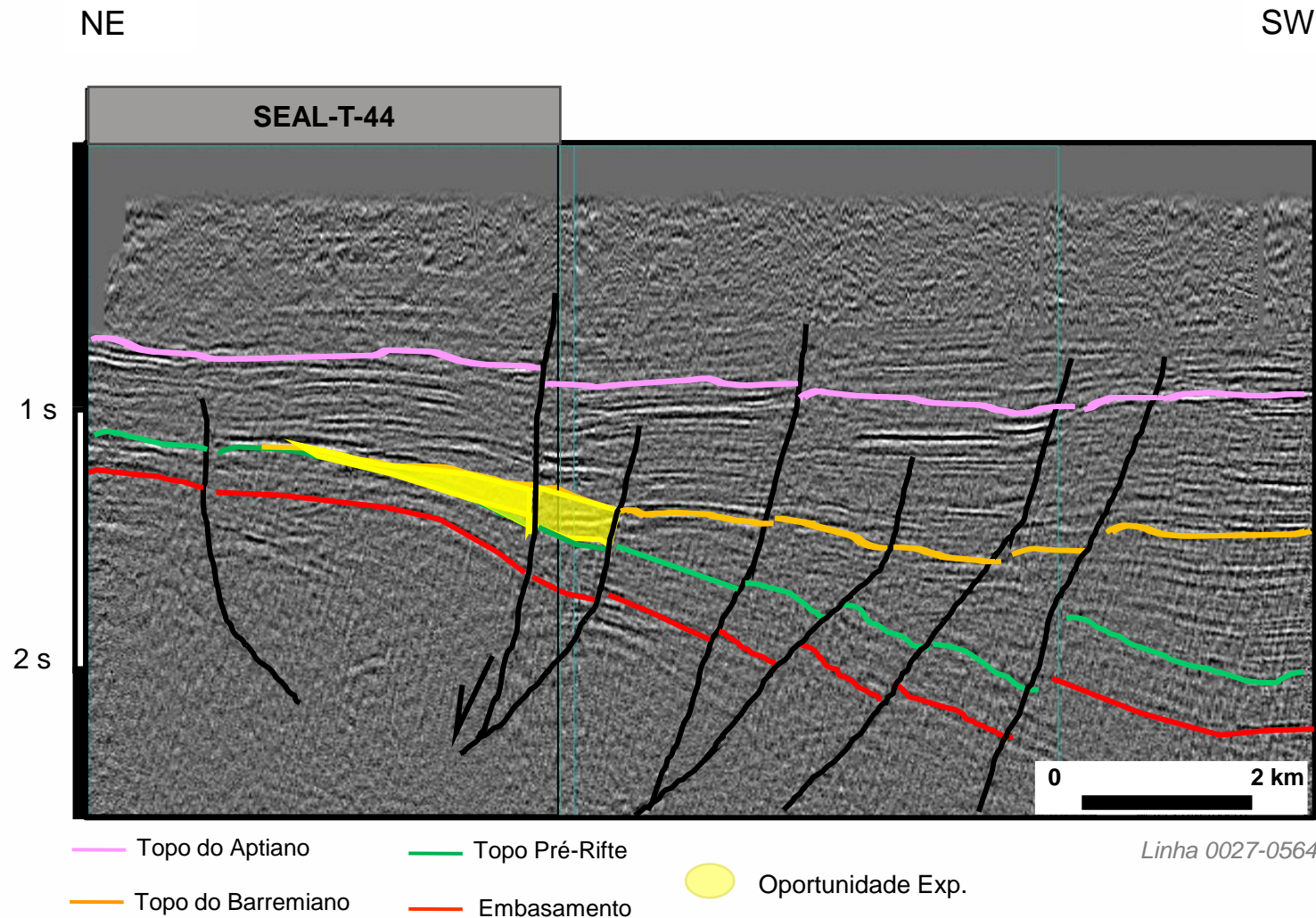


Linha 0027-0564

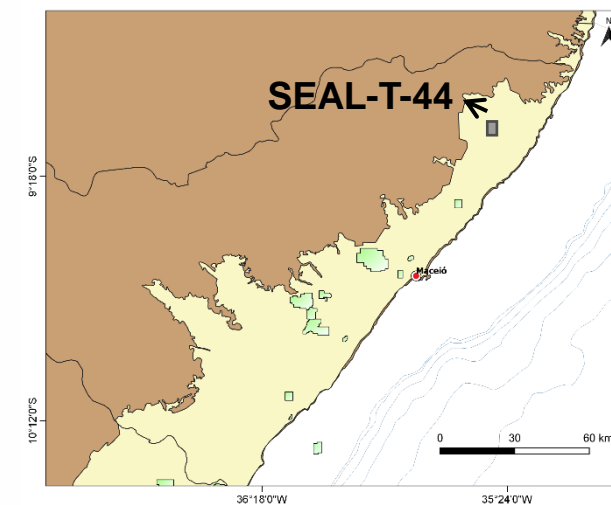

Bloco em Oferta



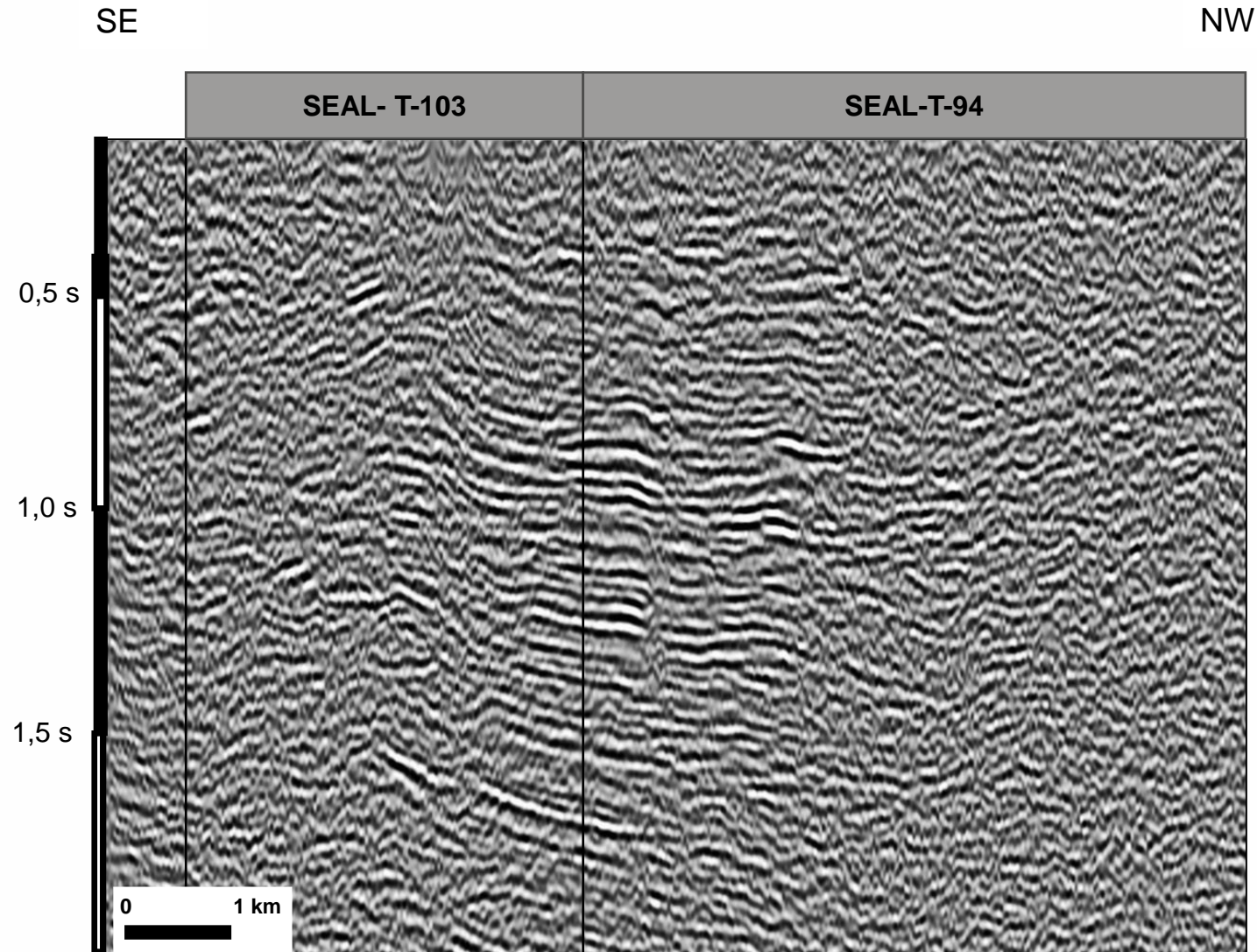
BACIA DE SERGIPE-ALAGOAS - TERRA



Bloco em Oferta



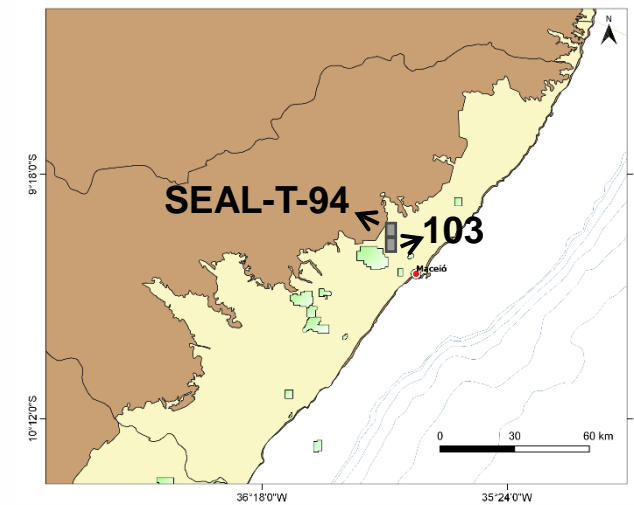
BACIA DE SERGIPE-ALAGOAS - TERRA



Linha 0027-1063 - 0027_SERGIPE_ALAGOAS_33

- Topo Mb. Morro do Chaves
- Topo Fm. Penedo
- Topo Fm Coq. Seco
- Embasamento
- Oportunidade Exploratória

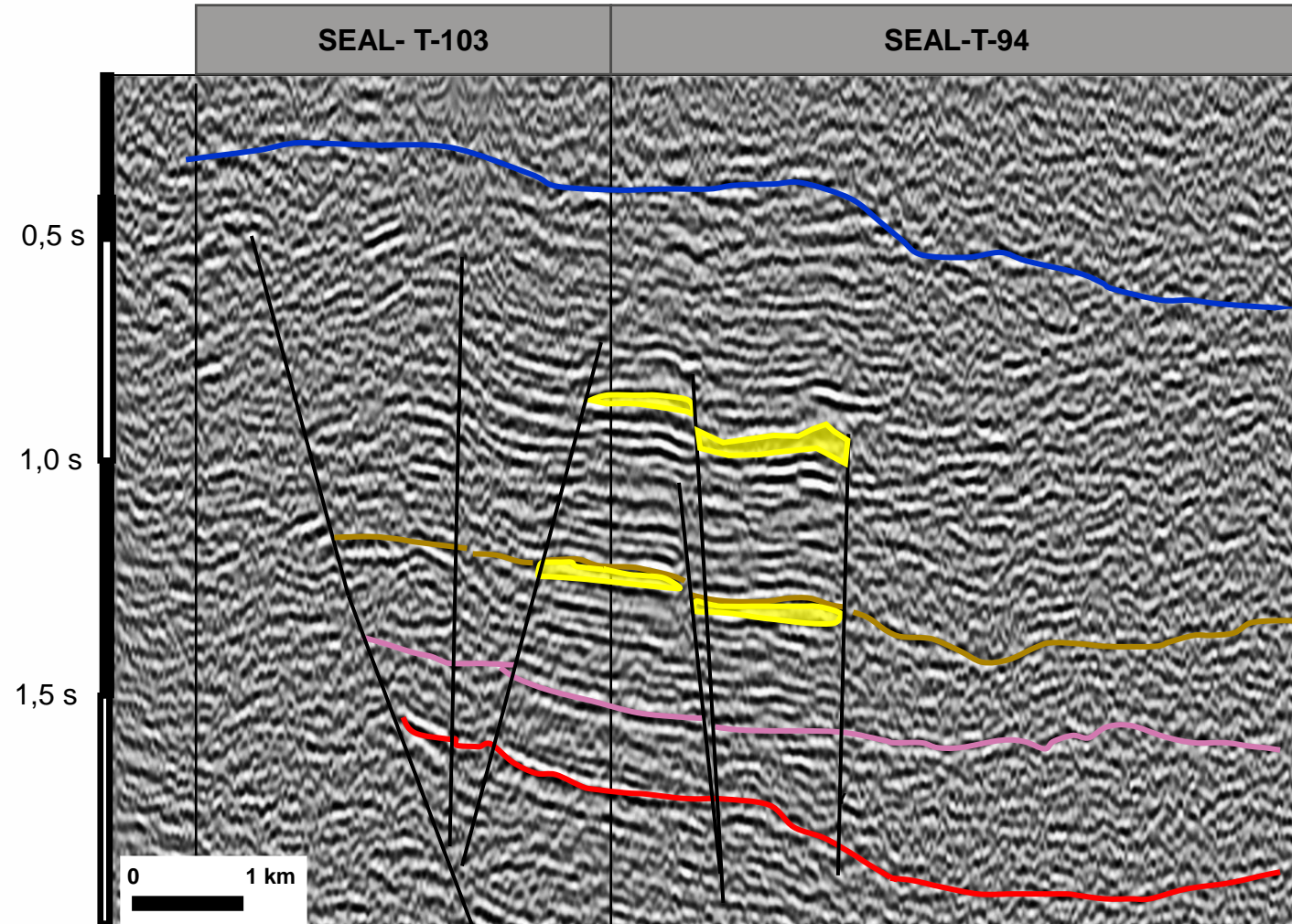
Bloco em Oferta



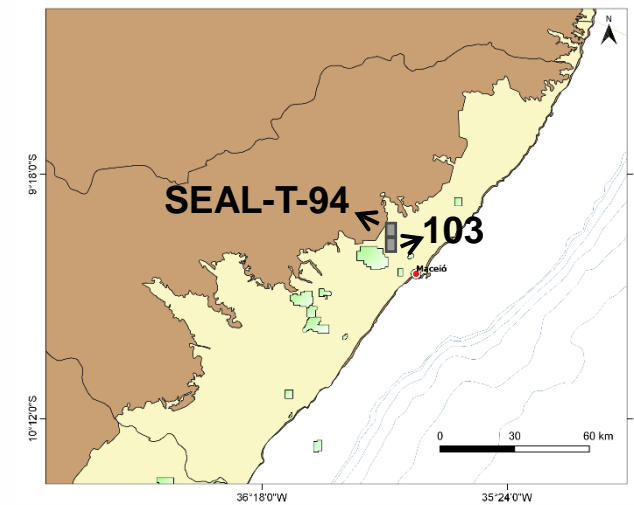
BACIA DE SERGIPE-ALAGOAS - TERRA

SE

NW

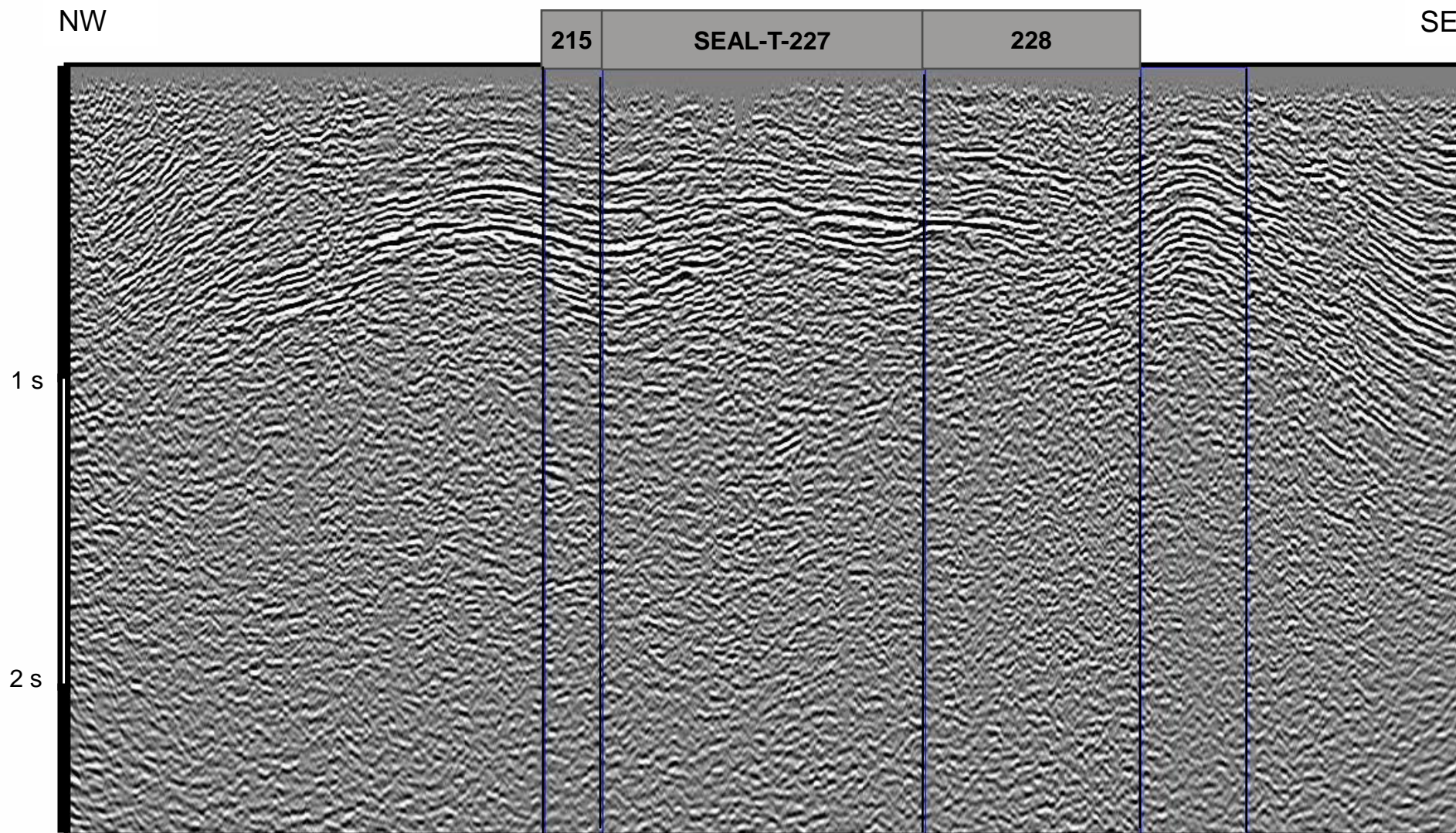



Bloco em Oferta

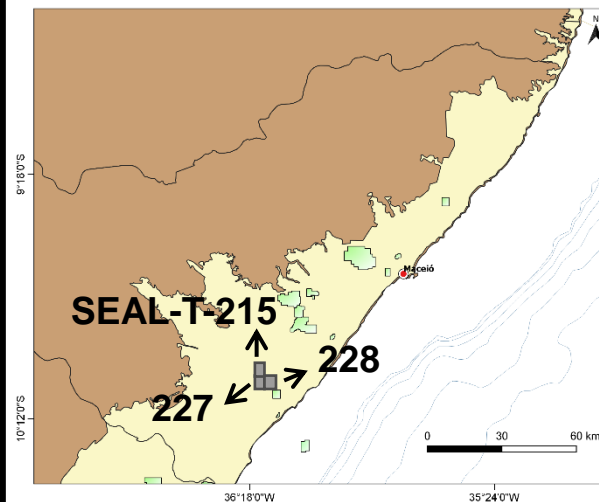


- Topo Mb. Morro do Chaves
- Topo Fm. Penedo
- Topo Fm Coq. Seco
- Embasamento
- Oportunidade Exploratória

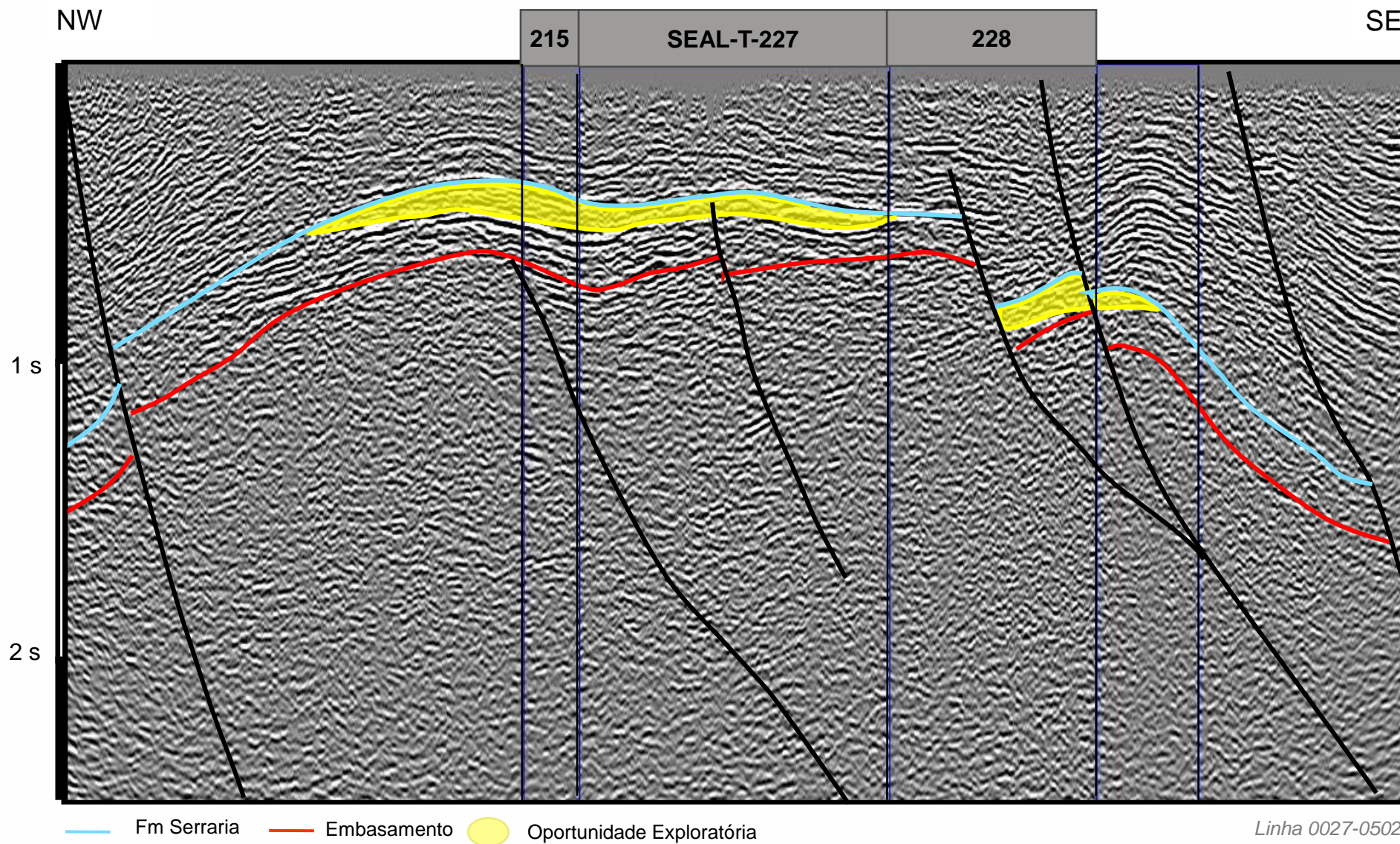
BACIA DE SERGIPE-ALAGOAS - TERRA



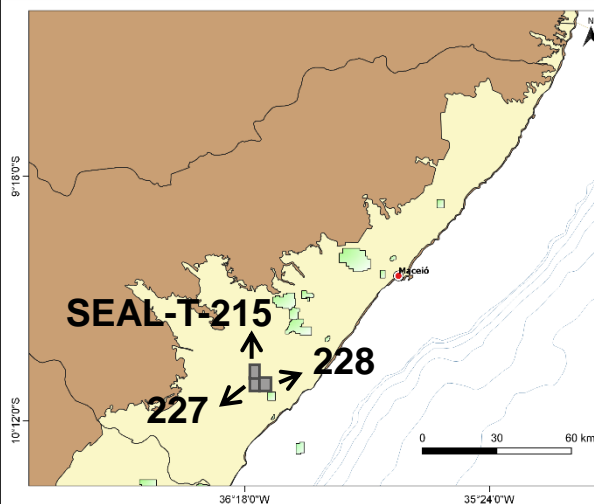

Bloco em Oferta



BACIA DE SERGIPE-ALAGOAS - TERRA

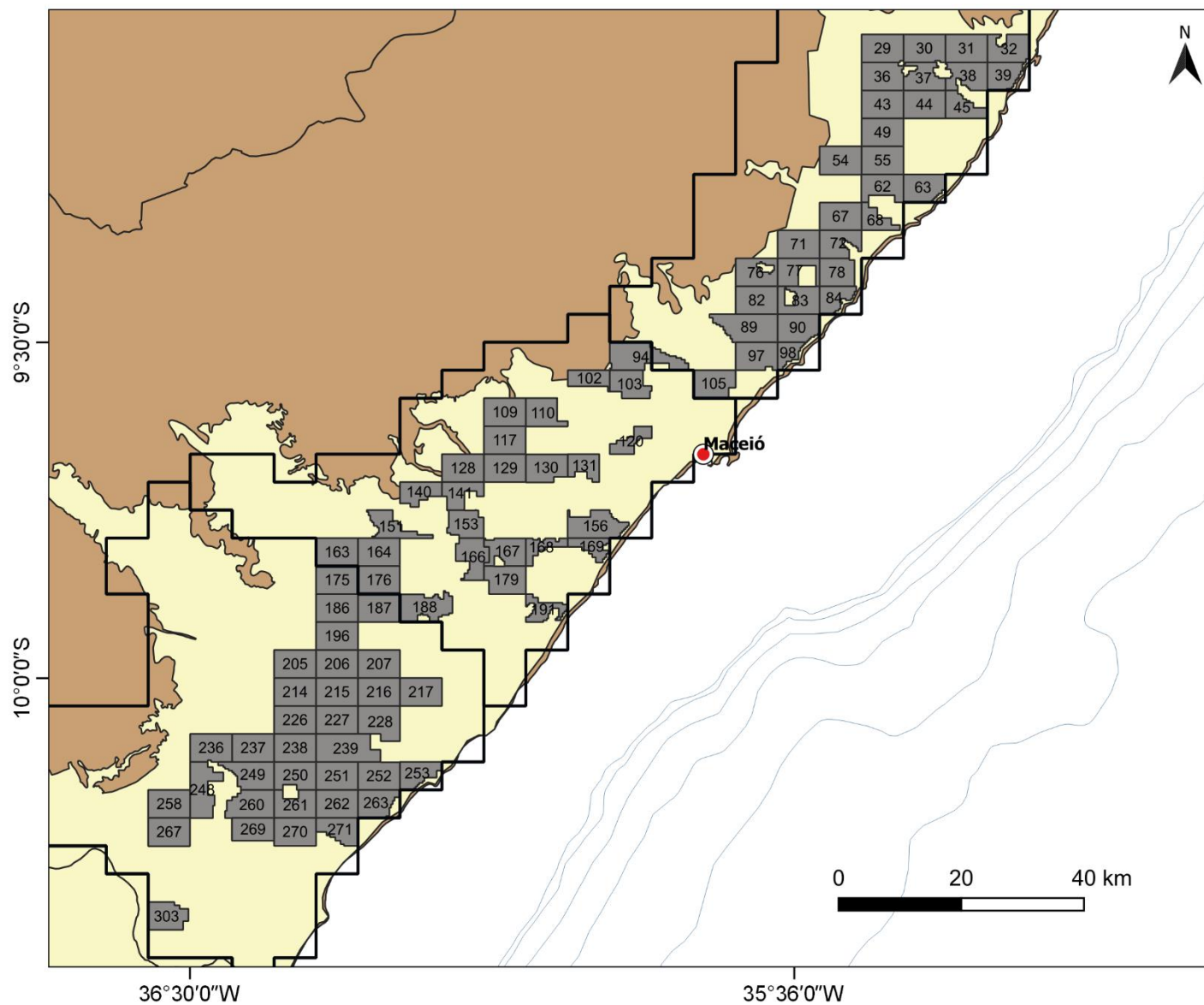


Bloco em Oferta



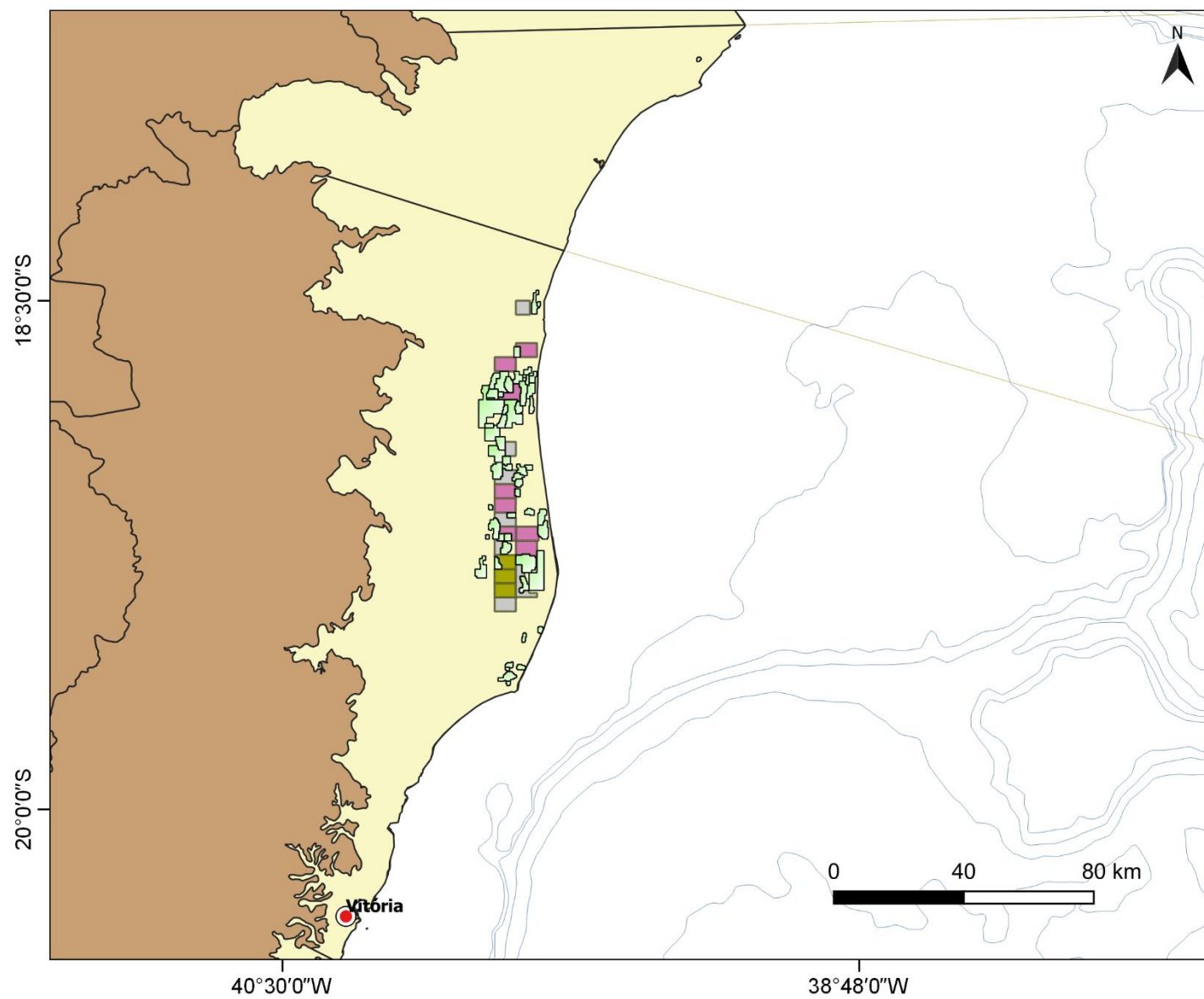
Linha 0027-0502

BACIA DE SERGIPE-ALAGOAS - TERRA



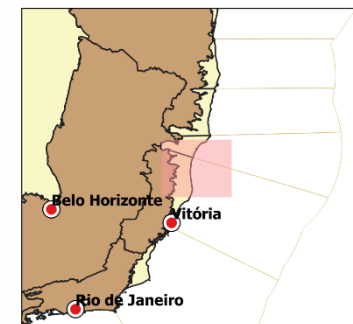
92 Blocos em Oferta

BACIA DO ESPÍRITO-SANTO - TERRA



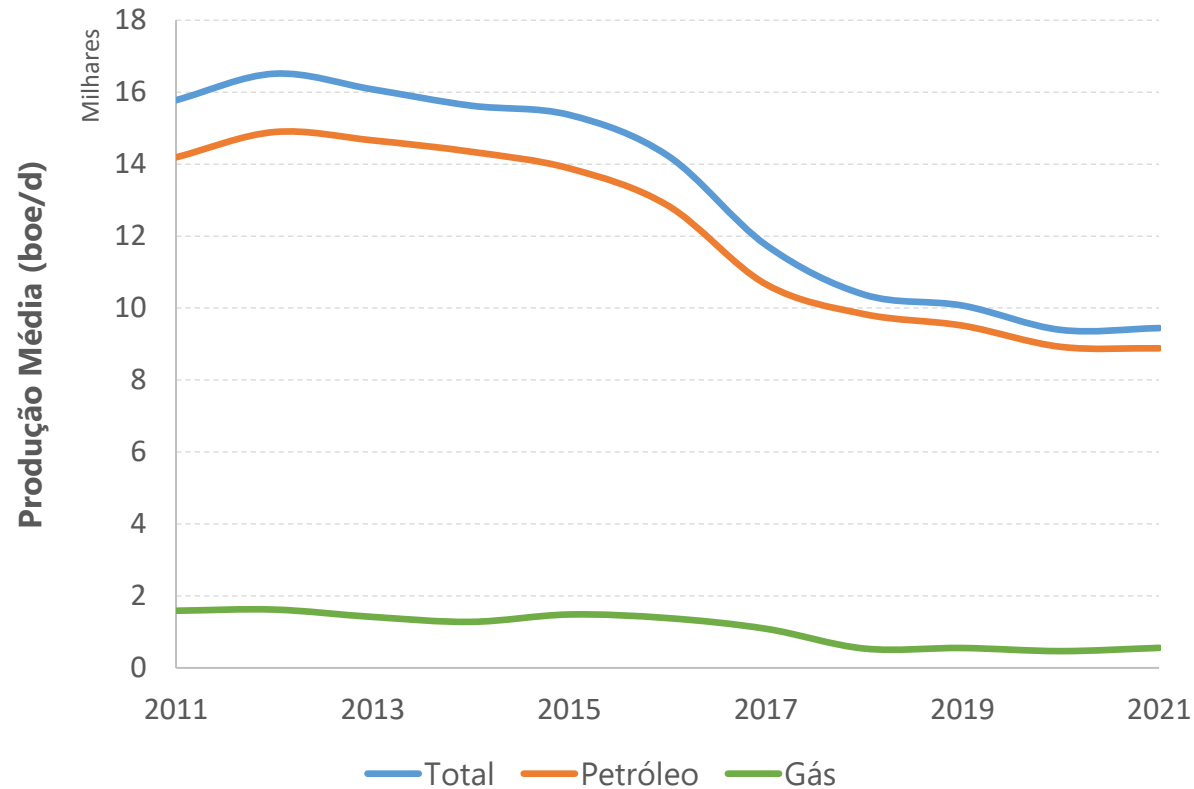
Blocos em concessão

- R11
- R14
- 2º Ciclo OP
- Campos em Produção



BACIA DO ESPÍRITO-SANTO - TERRA

2011 - 2021 ▼ 40%



PRODUÇÃO NA ÚLTIMA DÉCADA (BACIA DO ESPÍRITO-SANTO TERRA)

Gás

90

Mil m³/dia

▼ 65%

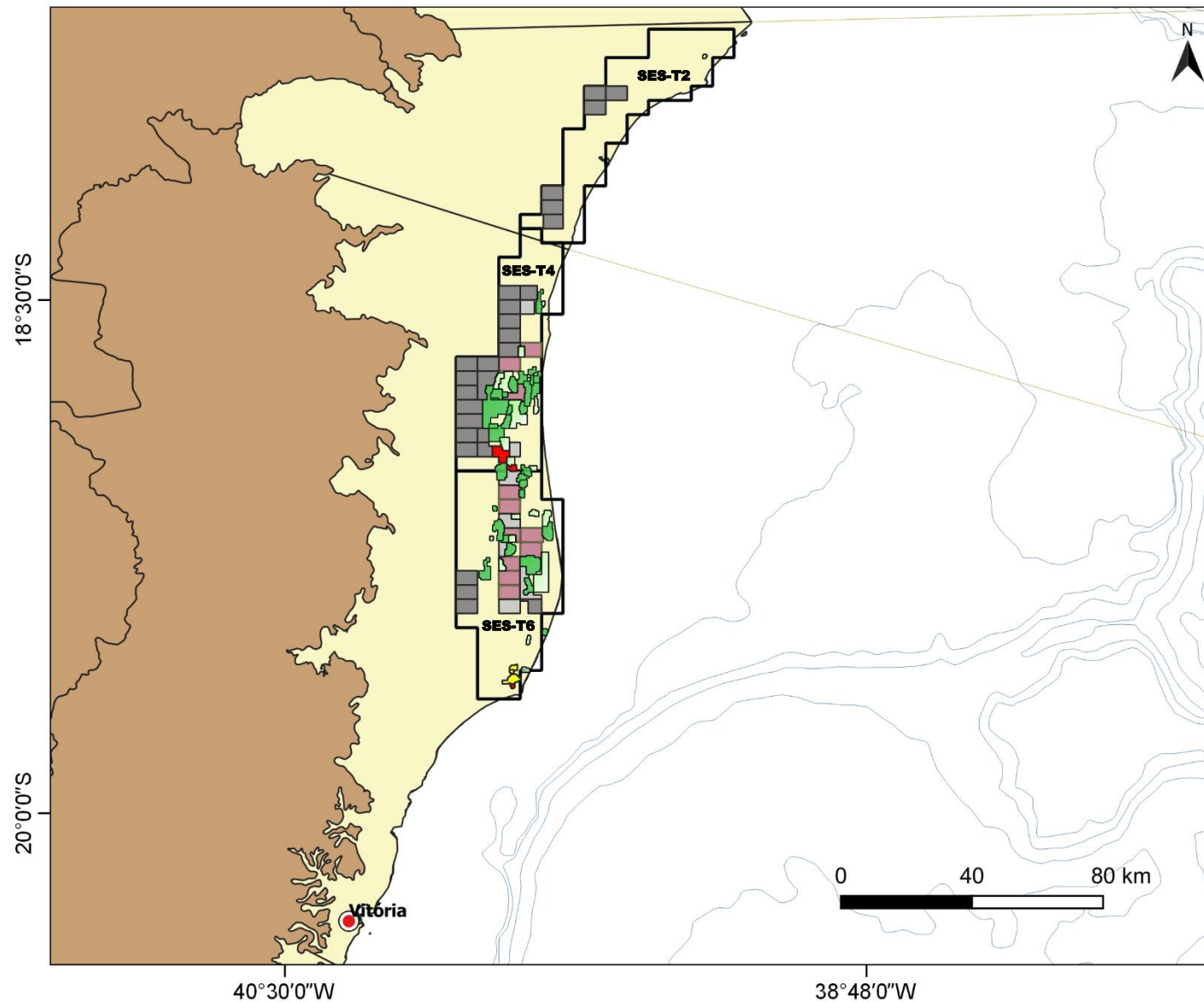
Petróleo

8,9

Mil bbl/dia

▼ 37%

BACIA DO ESPÍRITO-SANTO - TERRA



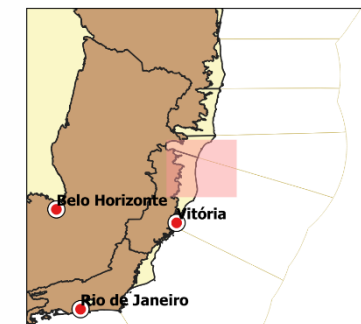
Blocos em Oferta

Blocos em concessão

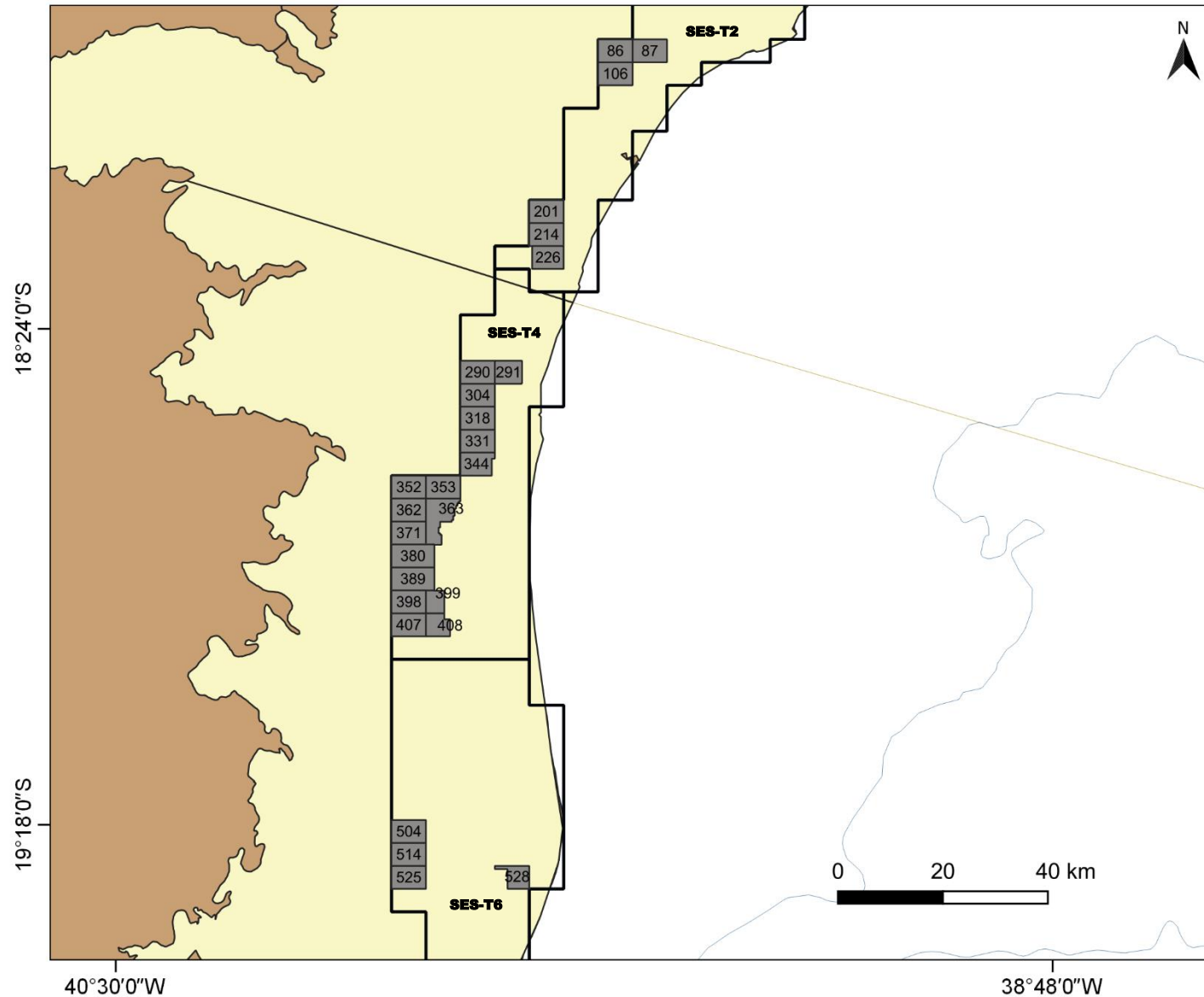
- R11/ R14
- 2º Ciclo Oferta Permanente

Campos em Produção

- Acum. Marg. Oferta Permanente
- Desinvestimento BR*
- Teaser BR*
- Cedidos à outras empresas*



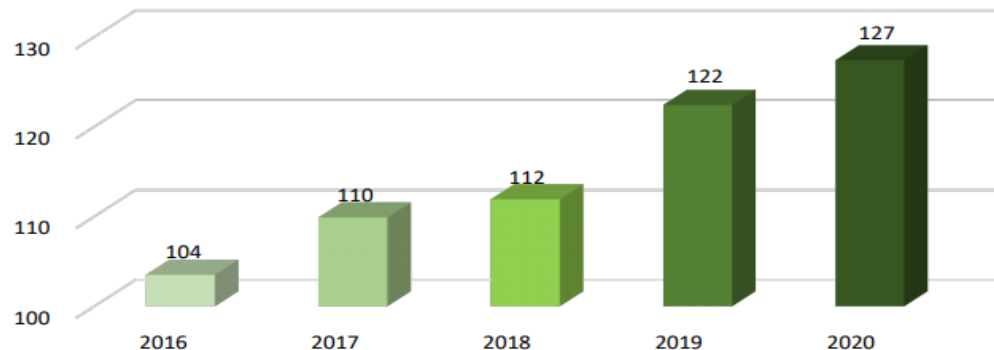
BACIA DO ESPÍRITO-SANTO - TERRA



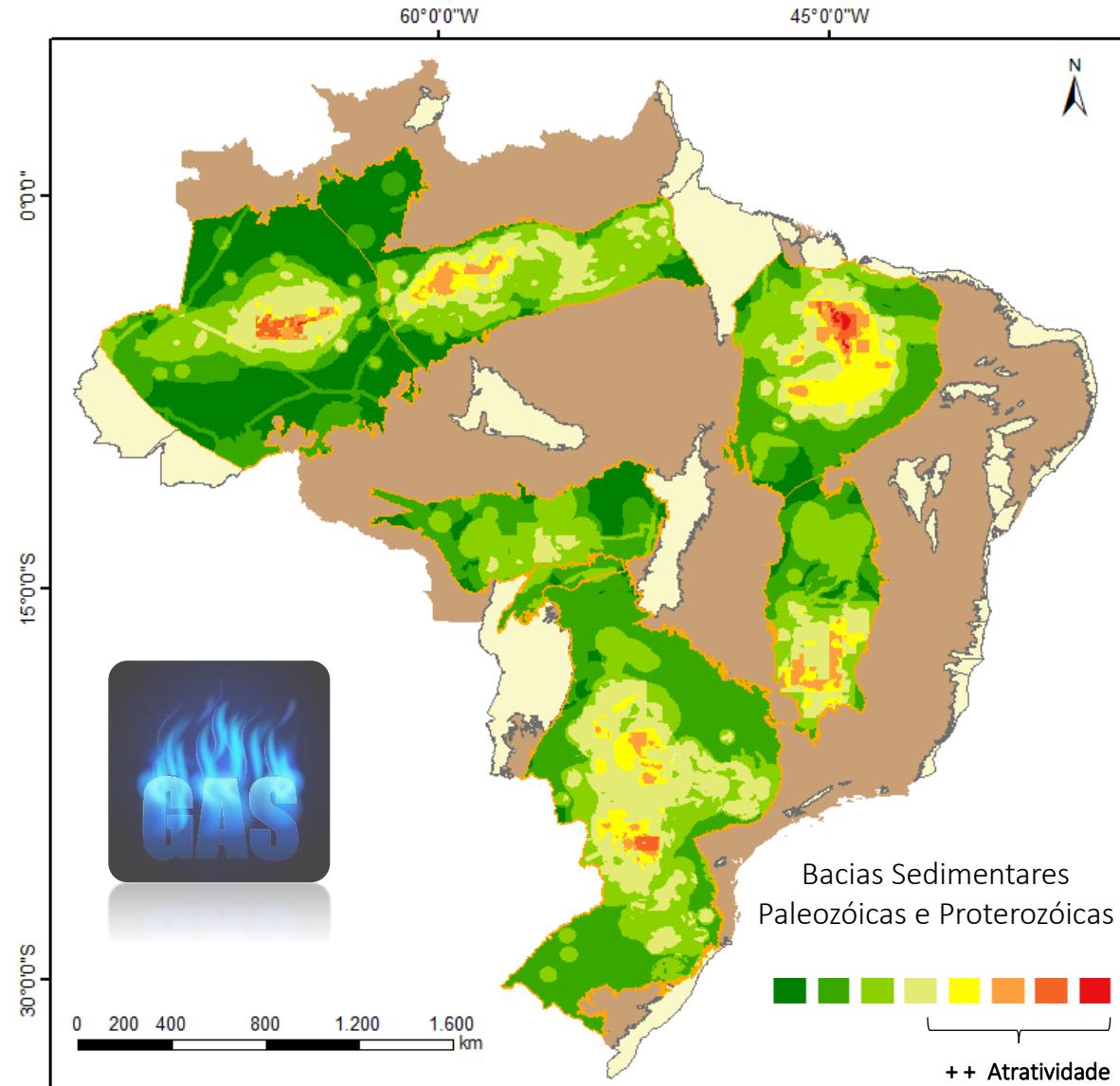
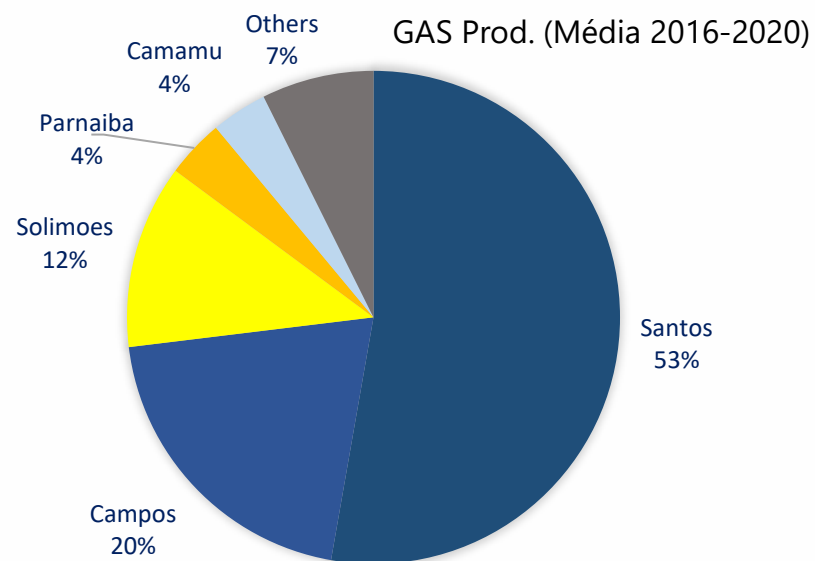
27 Blocos em Oferta

BACIAS DE FRONTEIRA - TERRA

GAS Prod. (MM³/d)

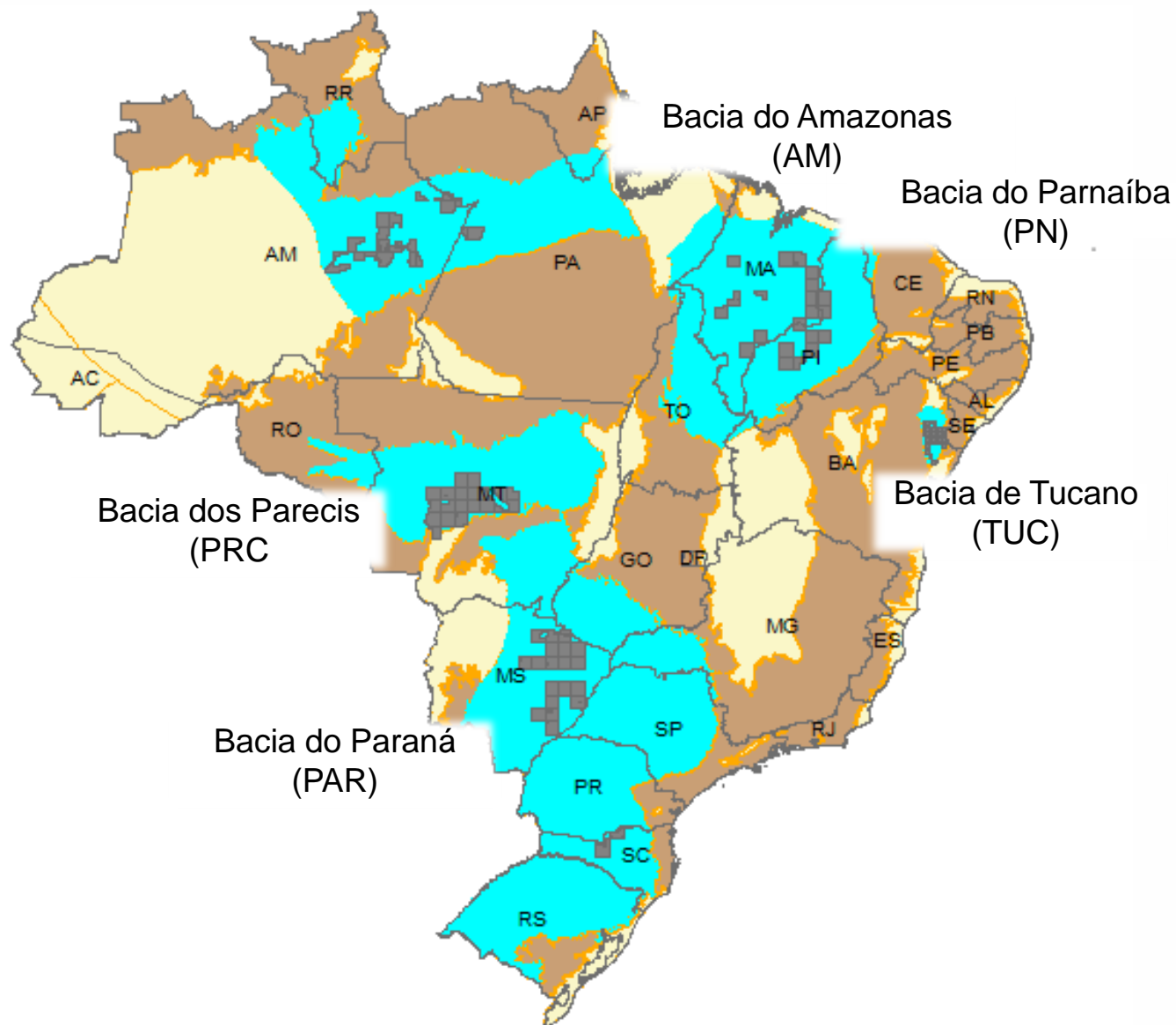


GAS Prod. (Média 2016-2020)



MAPA DE ANÁLISE MULTICRITÉRIO

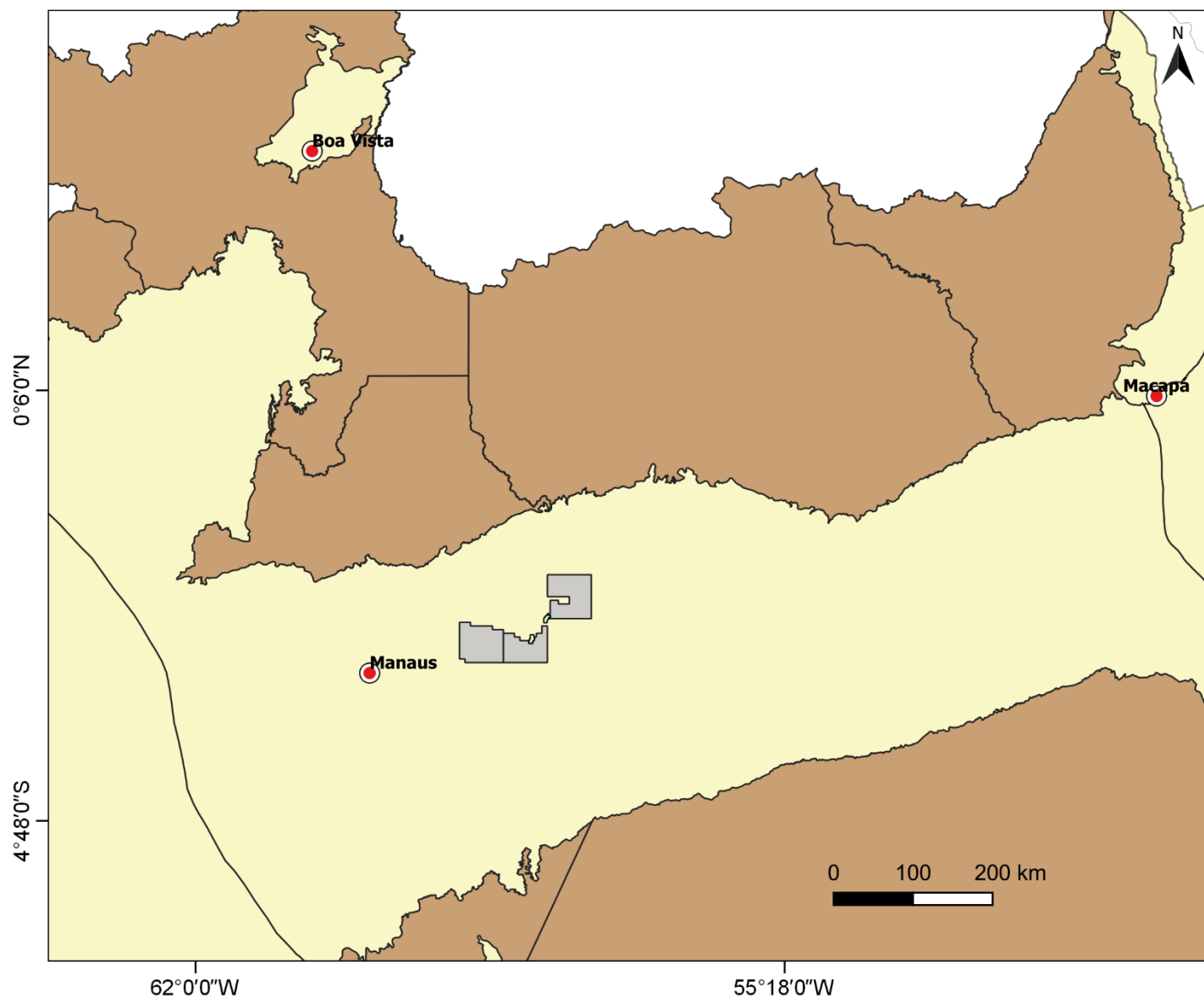
BACIAS DE FRONTEIRA TERRESTRES COM BLOCOS EM OFERTA



Blocos em Oferta

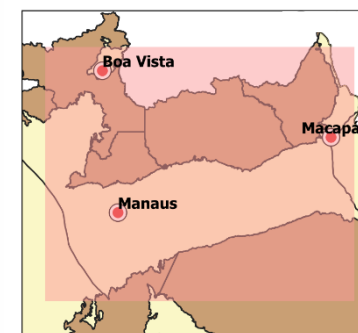
AM (21), PN (21), TUC (45),
PRC (20), e PAR (21)

BACIA DO AMAZONAS

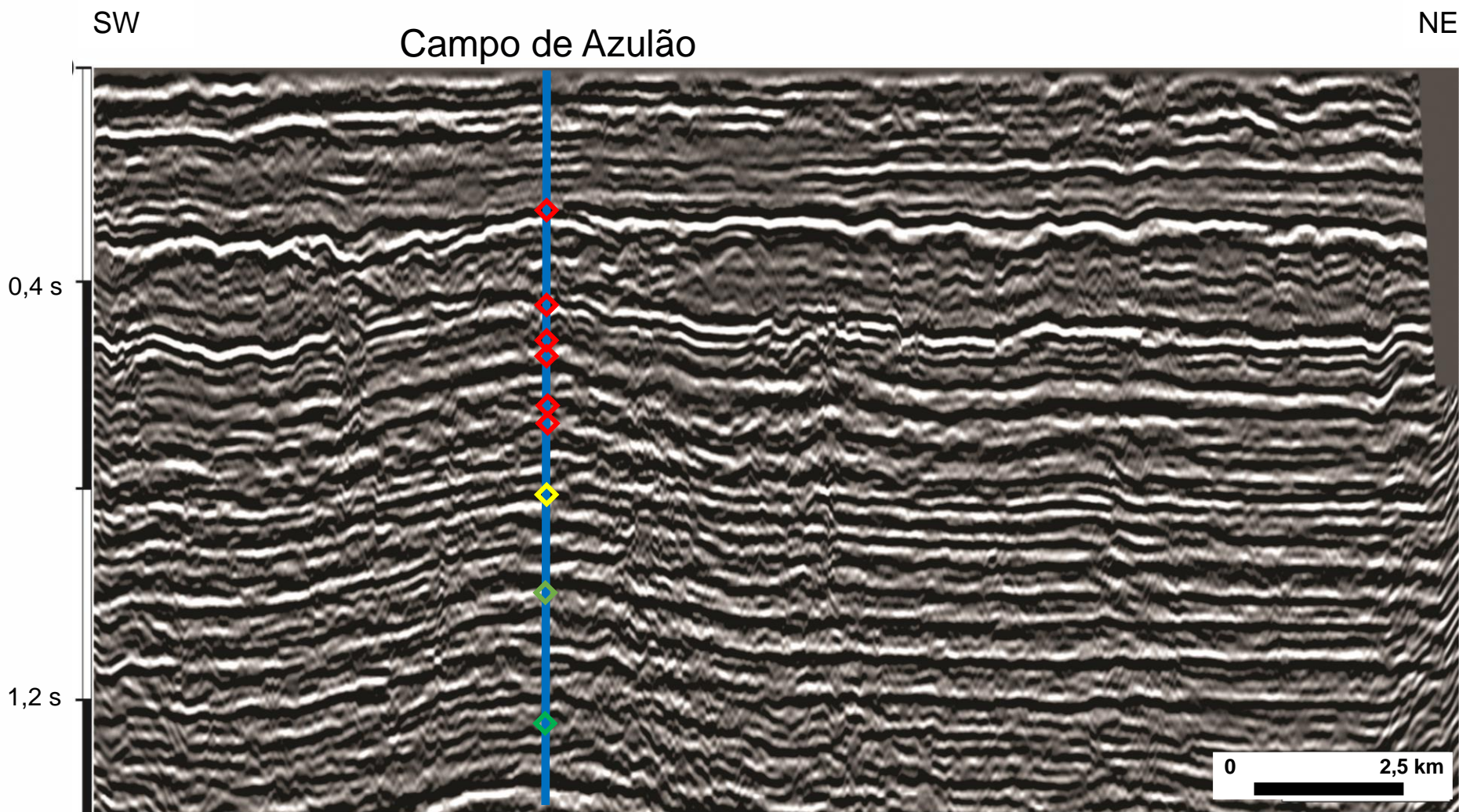


Blocos em concessão

- 2º Ciclo Oferta Permanente
- Campos em Produção



BACIA DO AMAZONAS

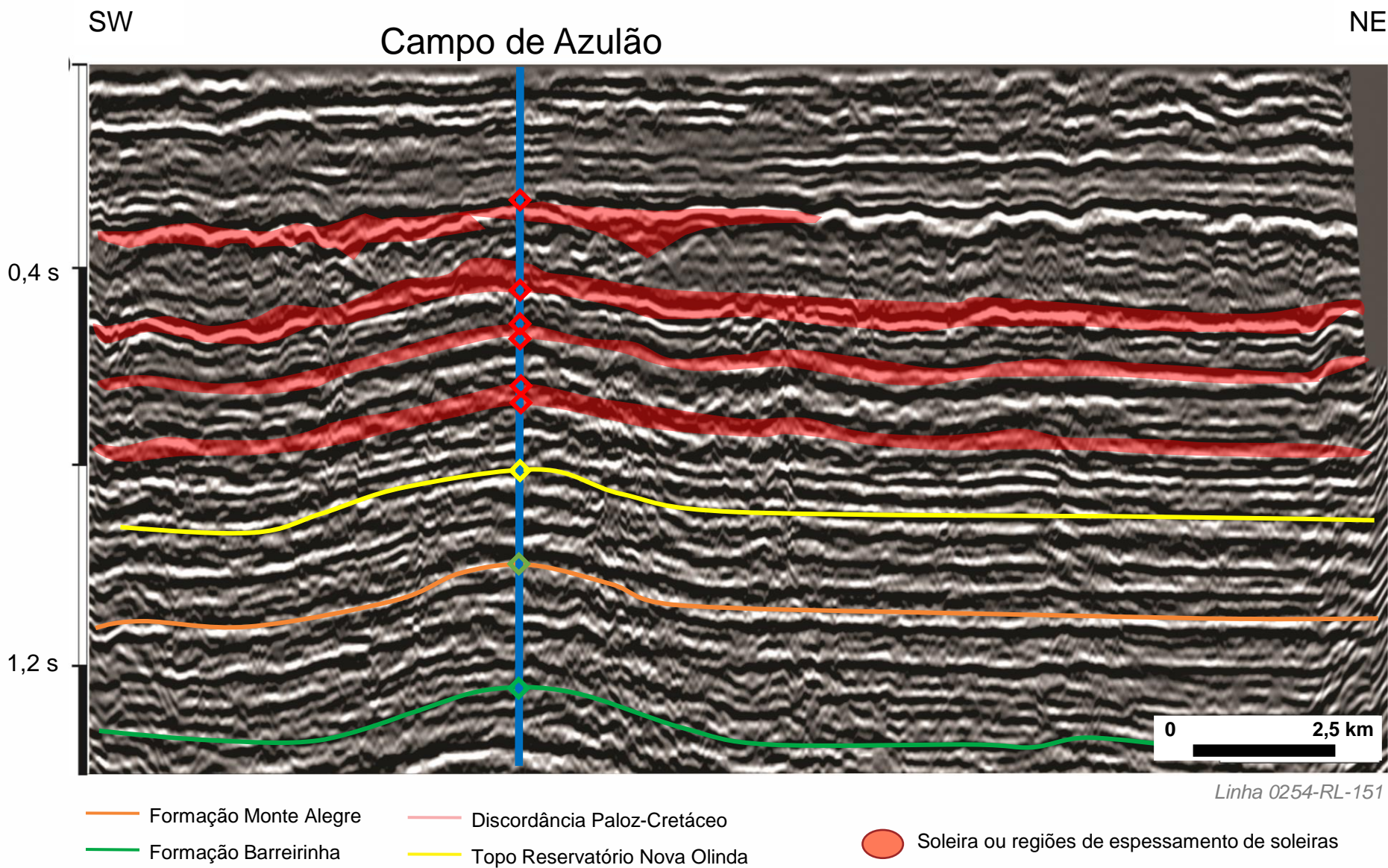


Linha 0254-RL-151


Bloco em Oferta



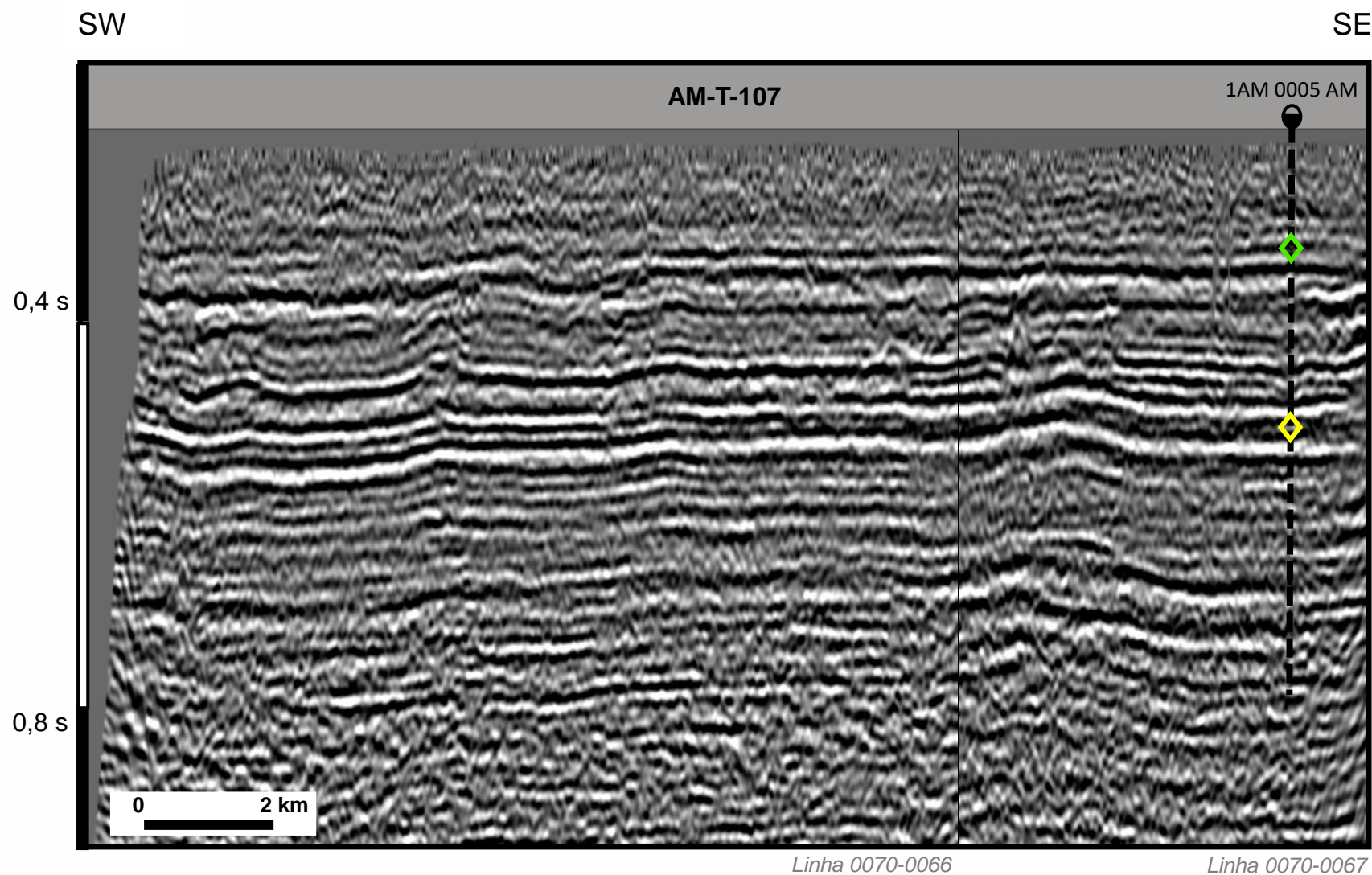
BACIA DO AMAZONAS



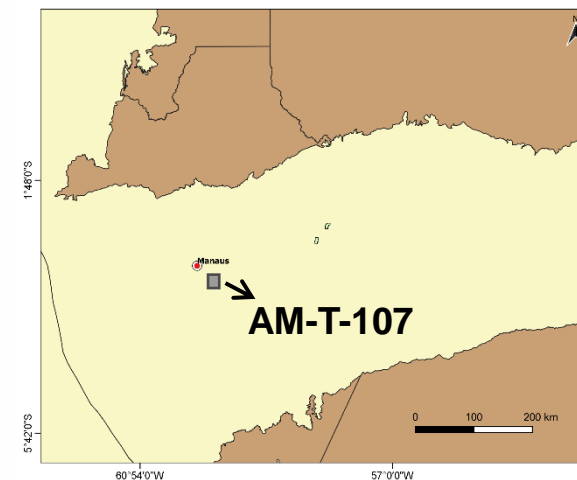
Bloco em Oferta



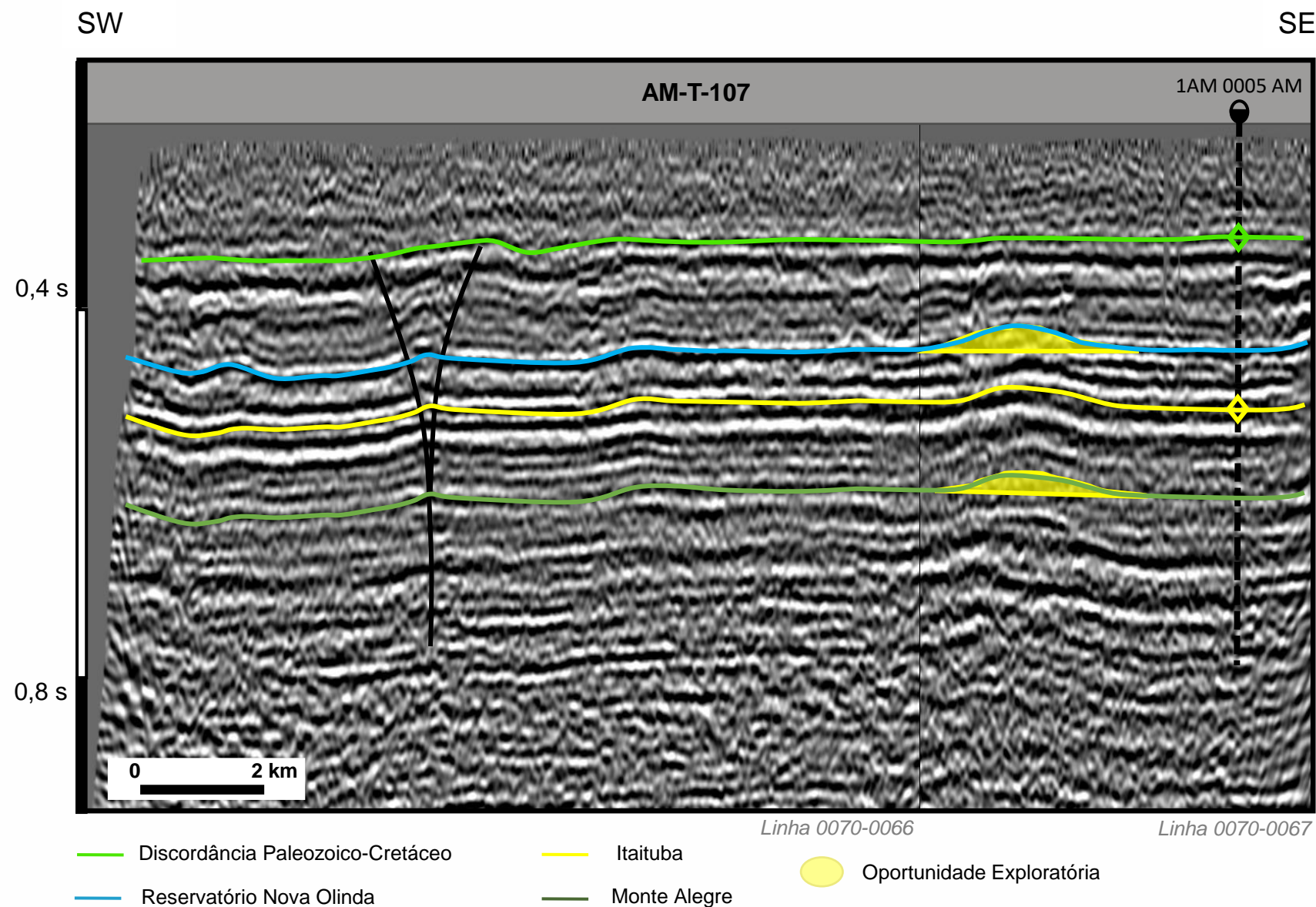
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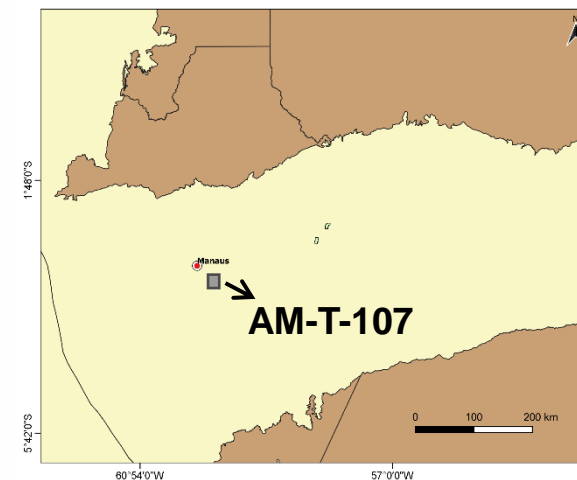

Bloco em Oferta



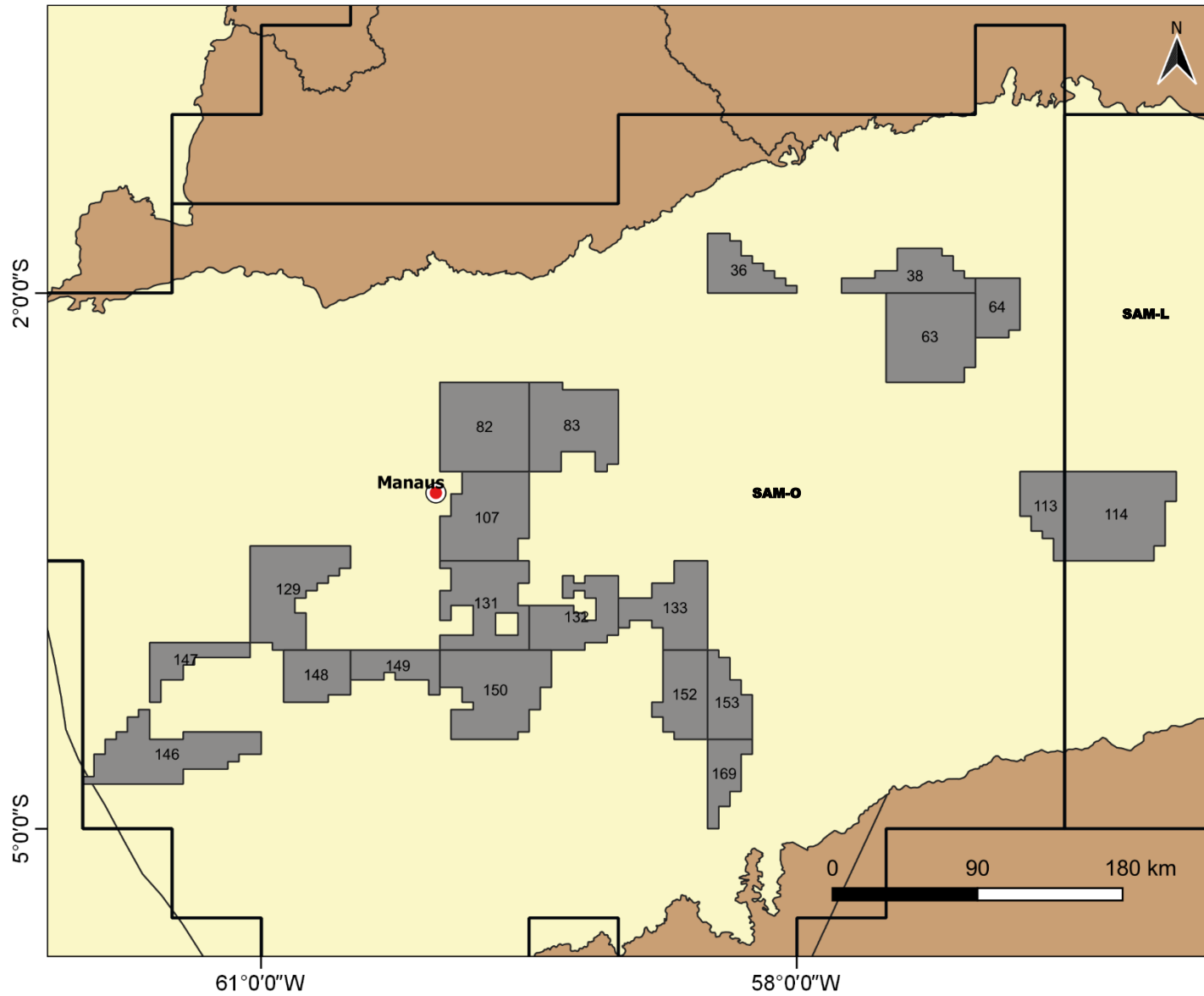
BACIA DO AMAZONAS



Bloco em Oferta

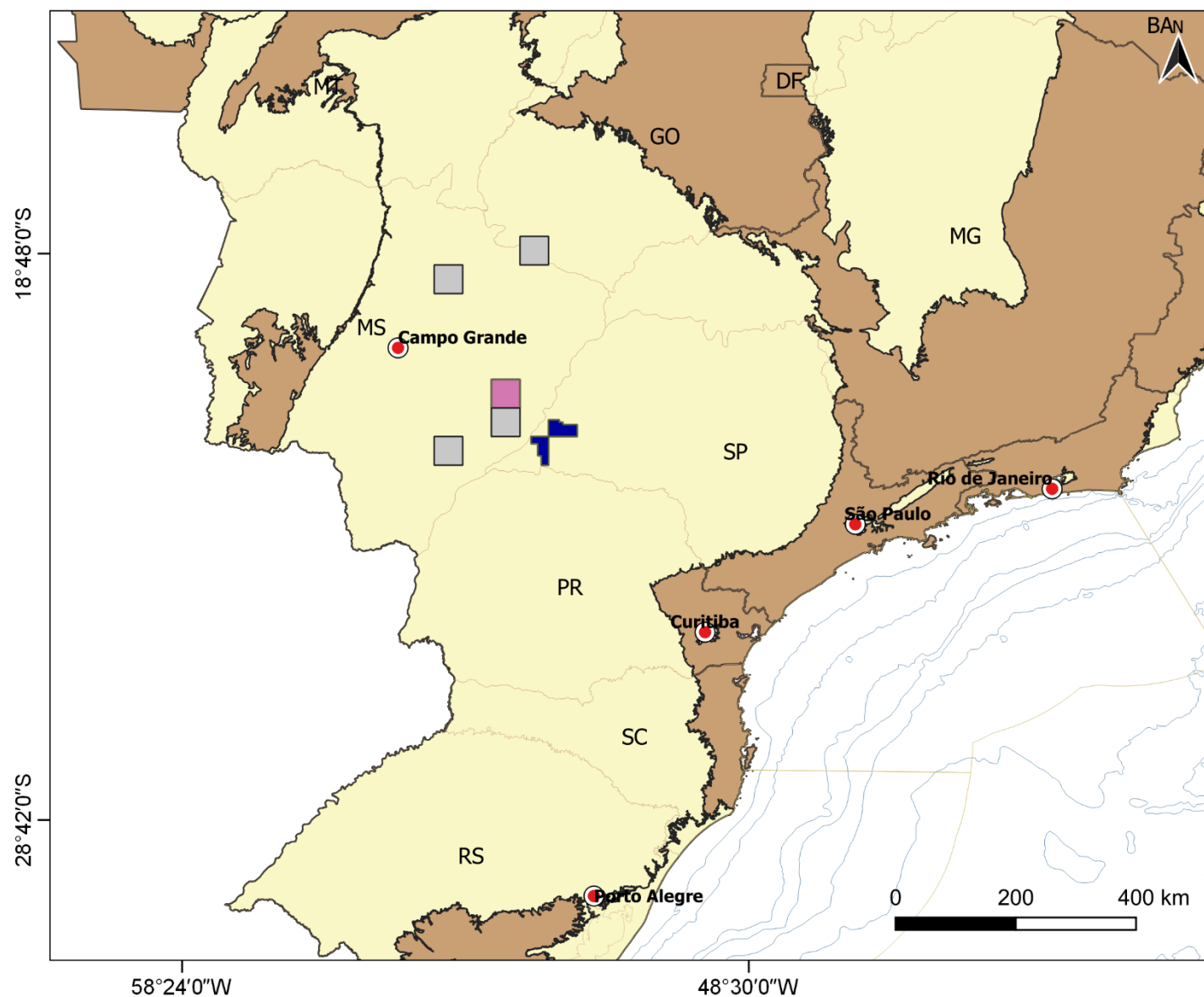


BACIA DO AMAZONAS



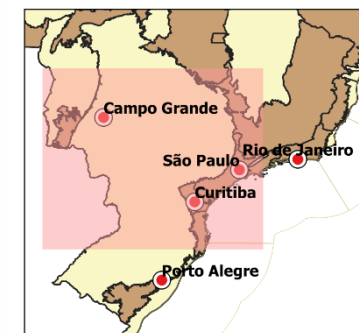
21 Blocos em Oferta

BACIA DO PARANÁ

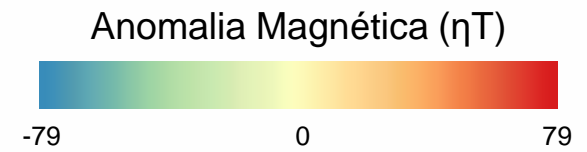
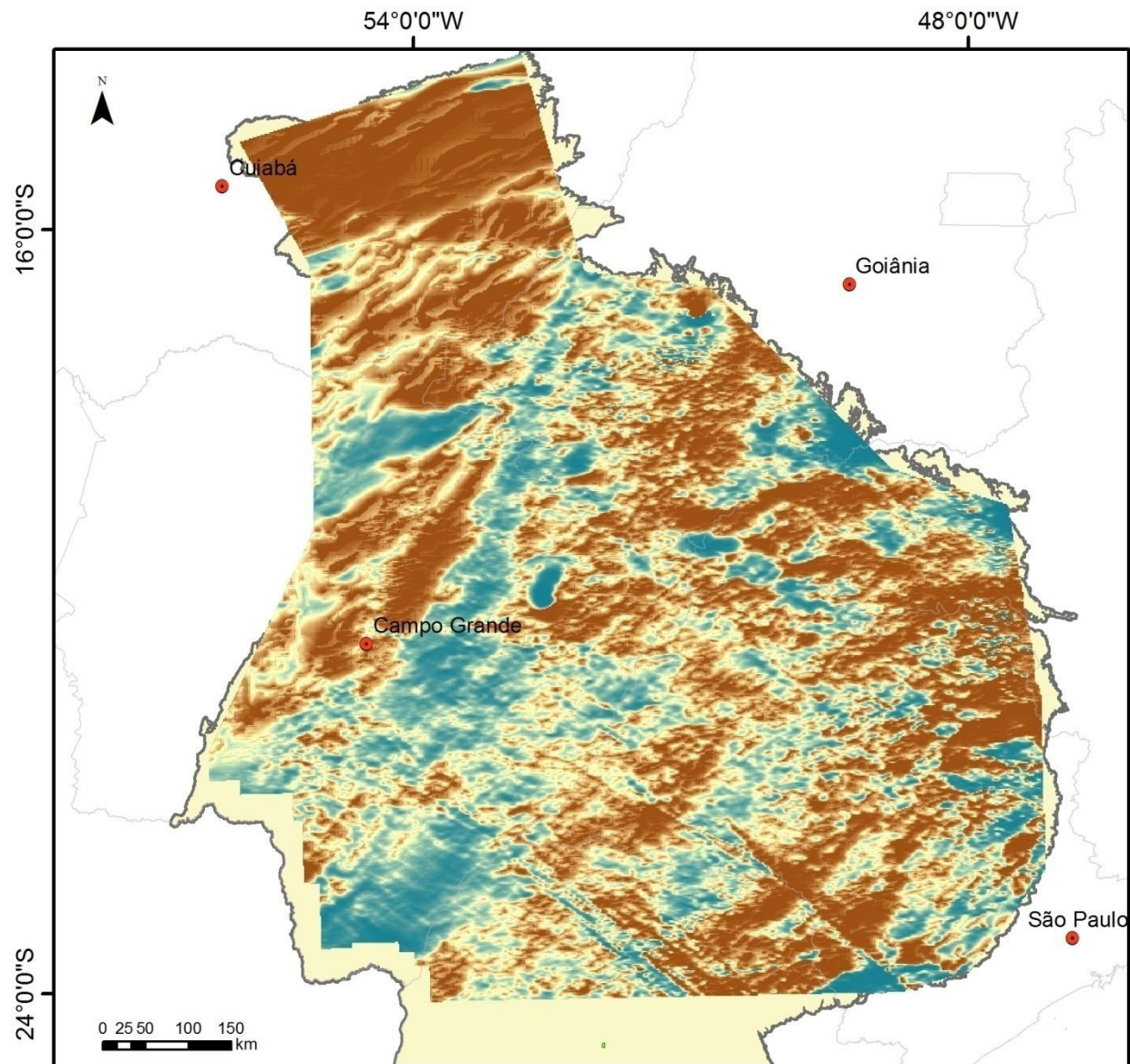


Blocos em concessão

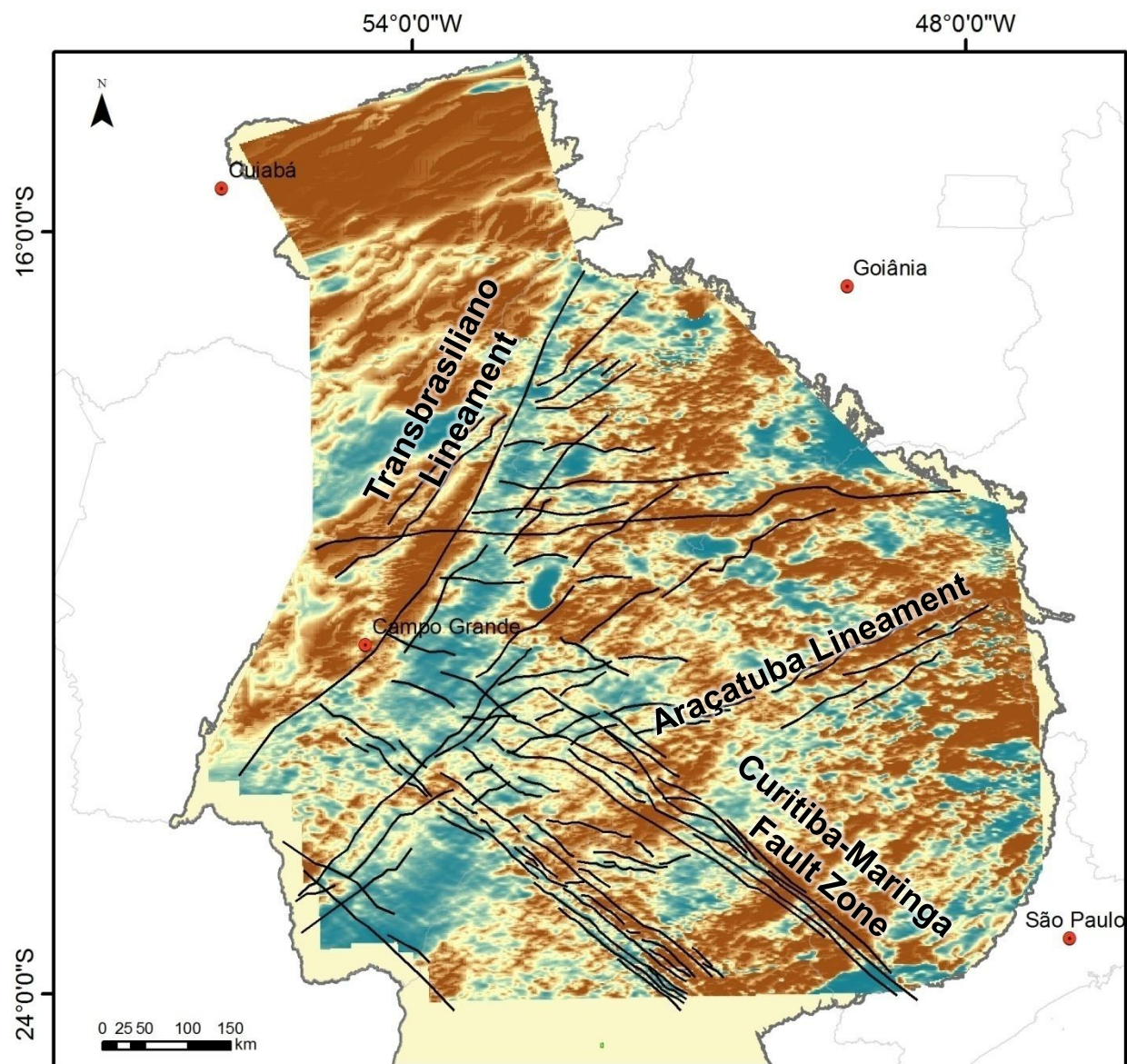
- R12
- R14
- 2º Ciclo Oferta Permanente



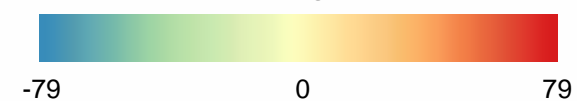
BACIA DO PARANÁ



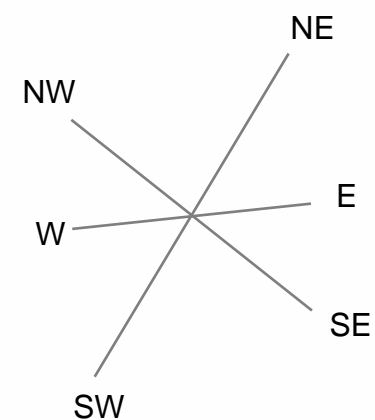
BACIA DO PARANÁ



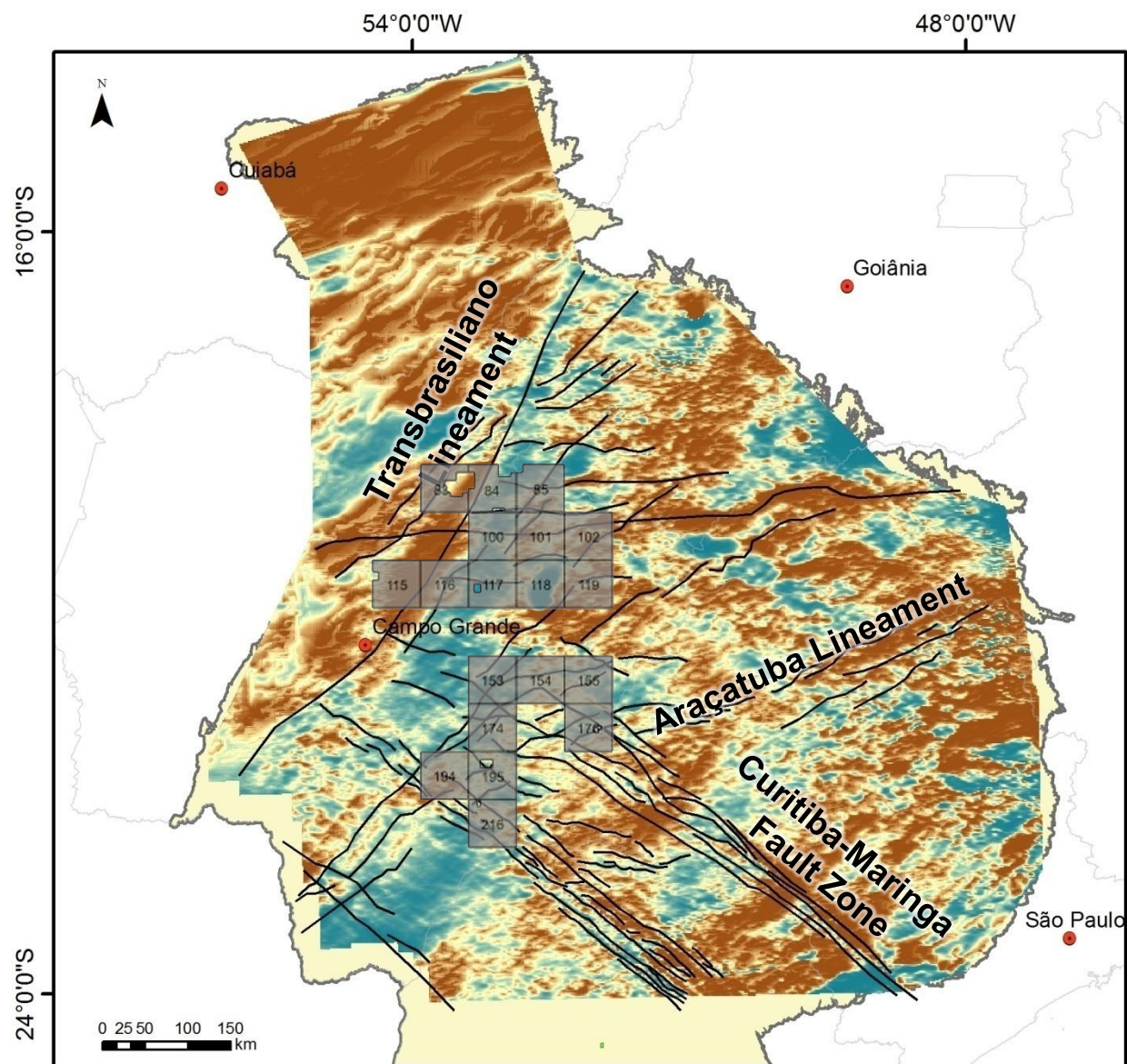
Anomalia Magnética (nT)



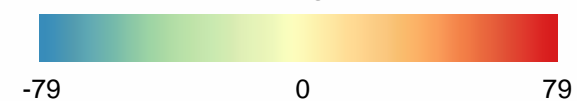
Lineamentos



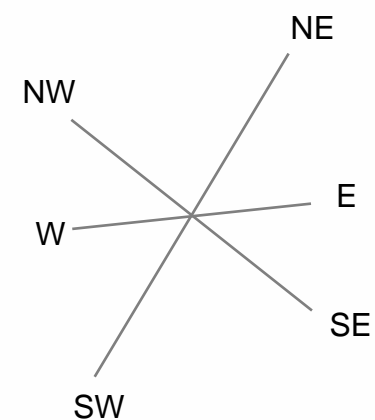
BACIA DO PARANÁ



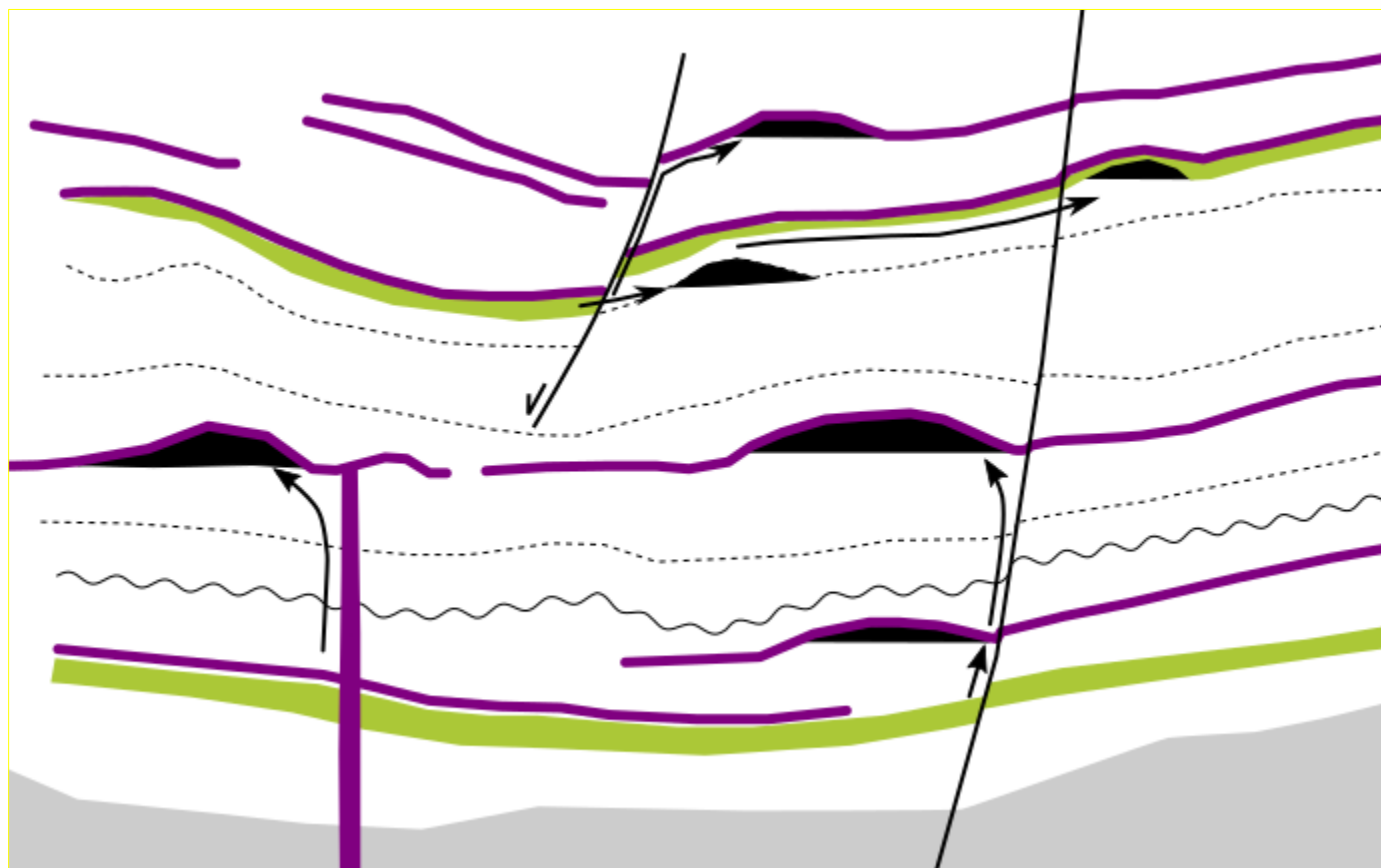
Anomalia Magnética (nT)



Lineamentos



BACIA DO PARANÁ

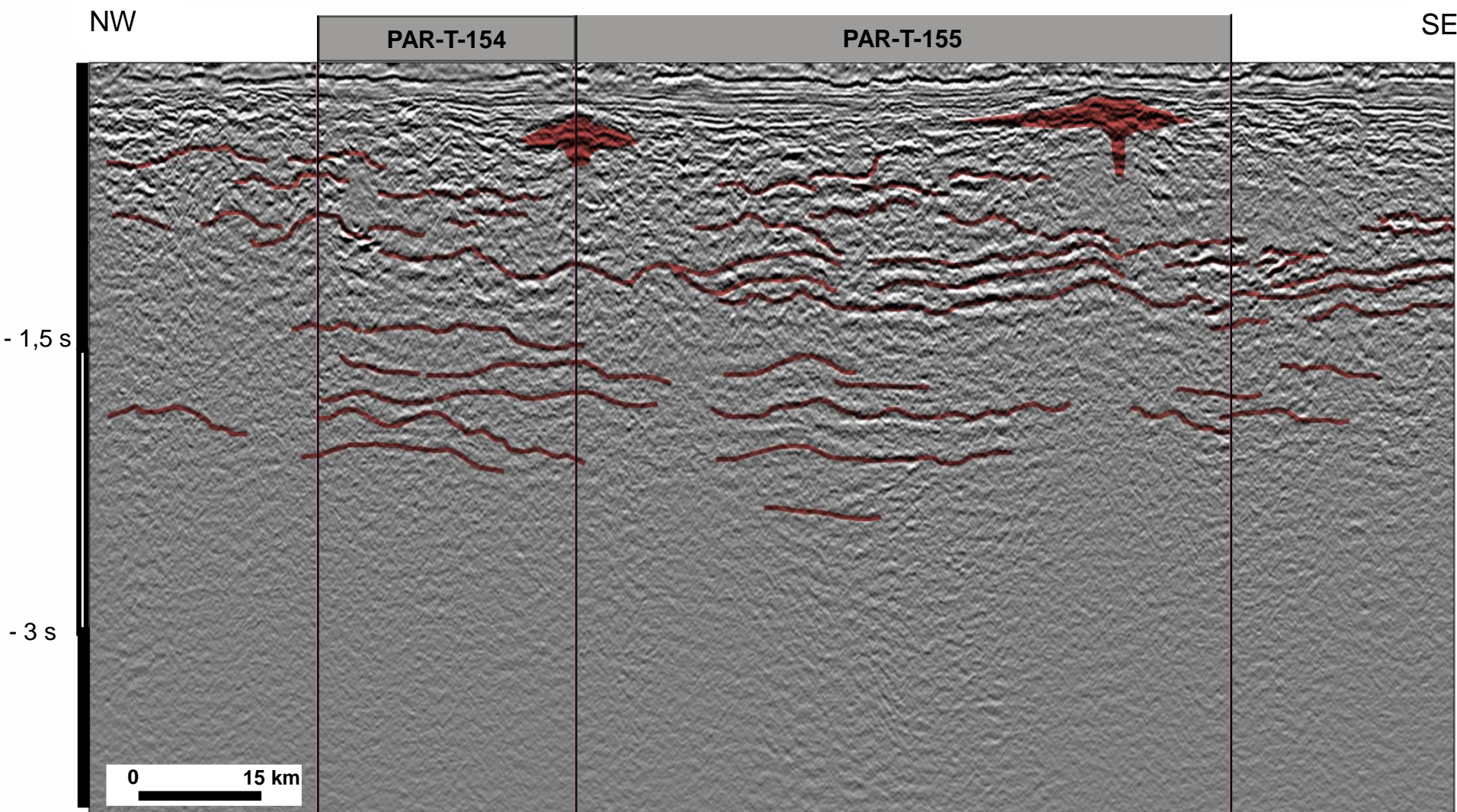


Irati

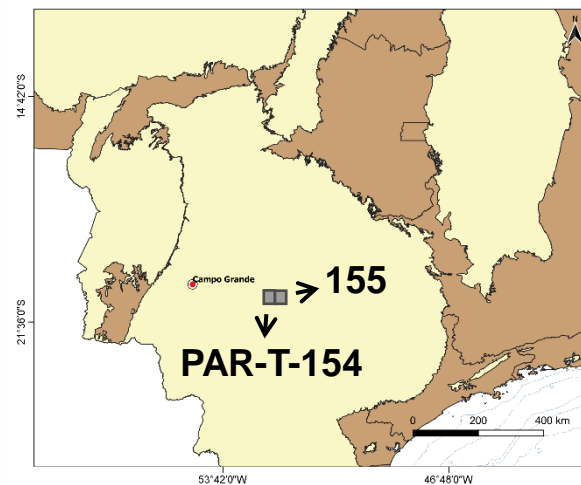
**Ponta
Grossa**

 Gerador  Intrusiva  Embasamento

BACIA DO PARANÁ

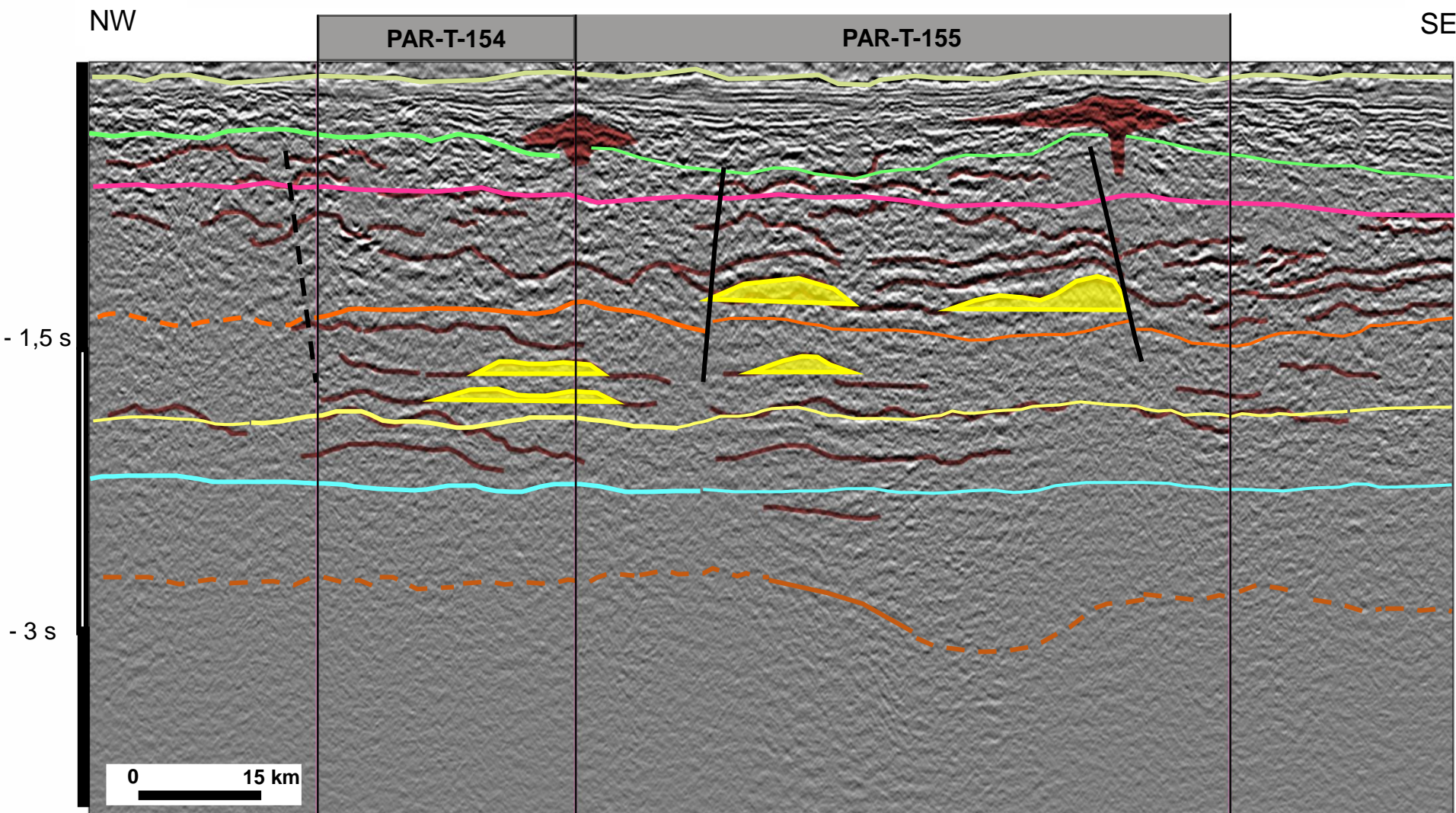



Bloco em Oferta

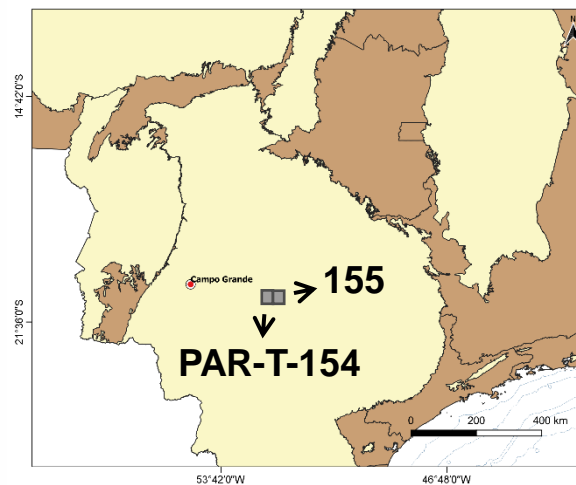


Linha 0314-0010 [0319_VIBRO2D-ANP-PARANA]

BACIA DO PARANÁ



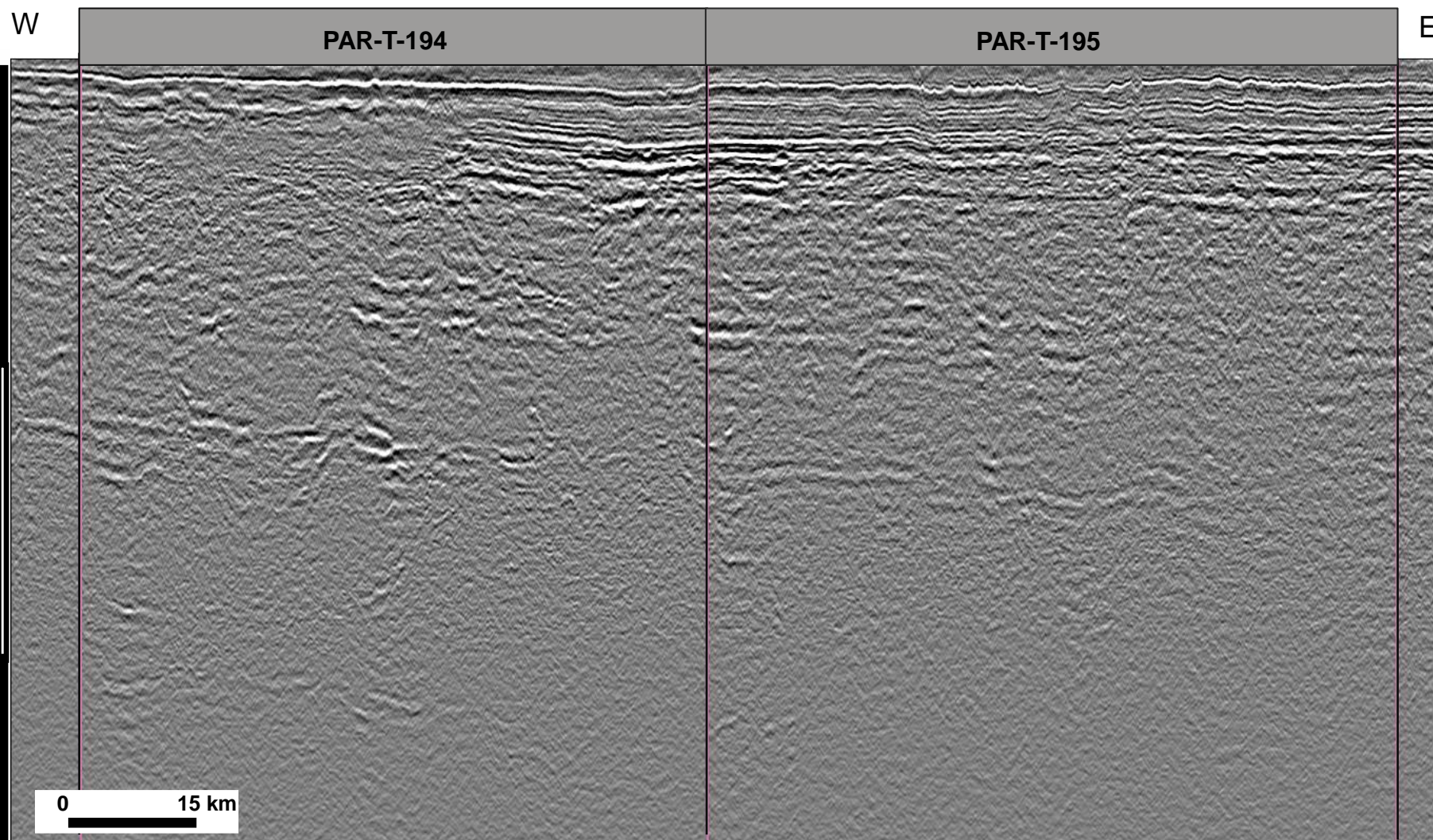

Bloco em Oferta



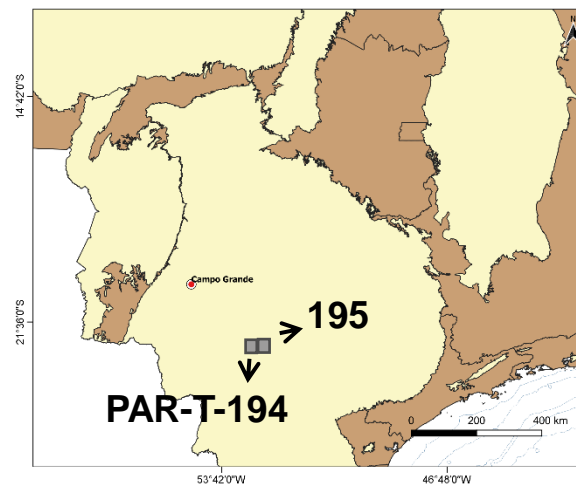
Linha 0314-0010 [0319_VIBRO2D-ANP-PARANA]

- | | | | |
|--|---|---|---|
|  Valanginiano |  Triássico |  Devoniano |  Embasamento |
|  Barremiano |  Cisuraliano |  Siluriano |  Oportunidade Exploratória |

BACIA DO PARANÁ

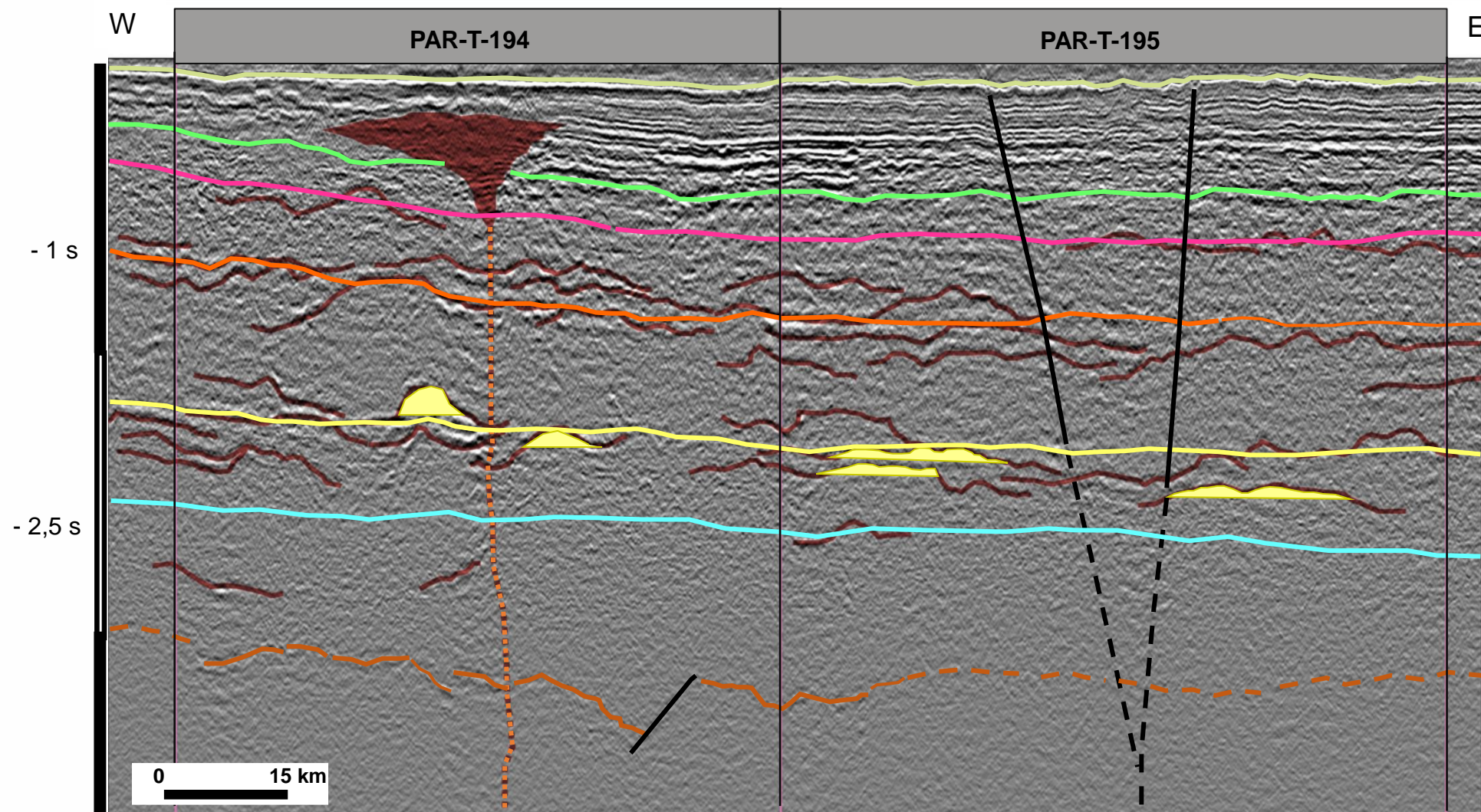



Bloco em Oferta

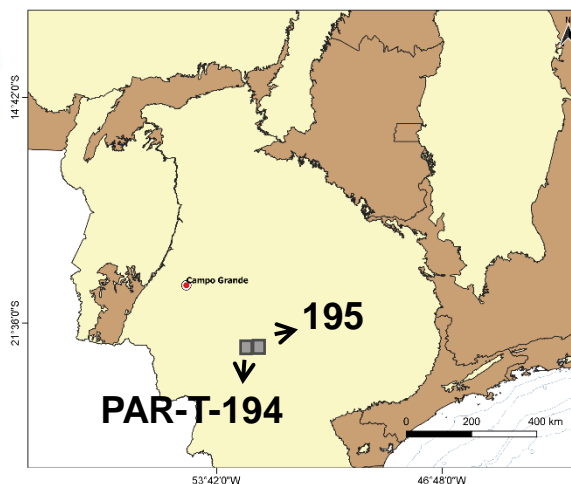


Linha 0314-0002 [0319_VIBRO2D-ANP-PARANA]

BACIA DO PARANÁ



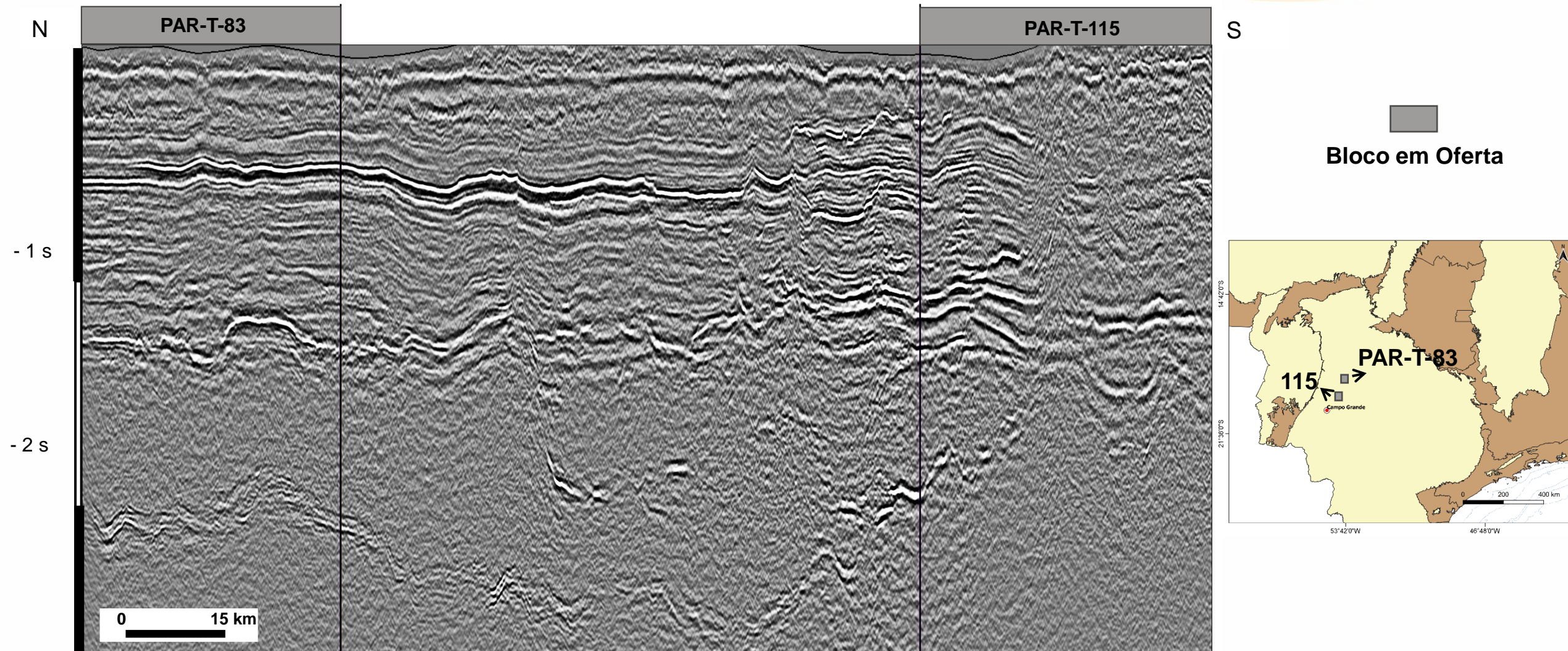
Bloco em Oferta



Linha 0314-0002 [0319_VIBRO2D-ANP-PARANA]

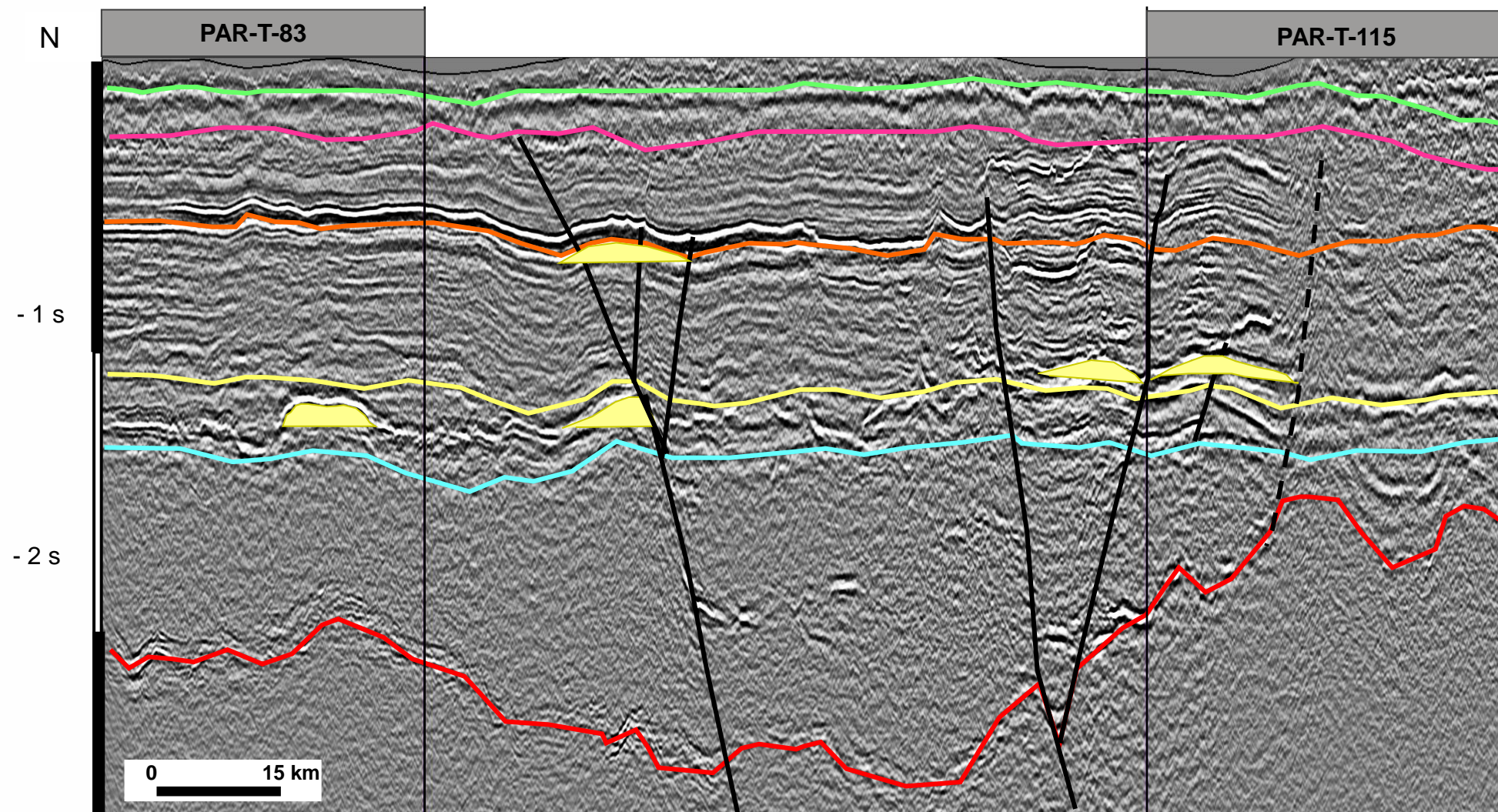
- | | | | |
|--------------|-------------|-----------|---------------------------|
| Valanginiano | Triássico | Devoniano | Embasamento |
| Barremiano | Cisuraliano | Siluriano | Oportunidade Exploratória |

BACIA DO PARANÁ

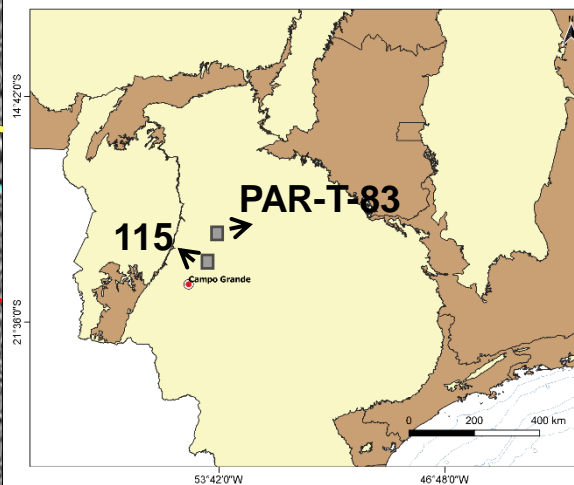


Linha 0314-0002 [0319_VIBRO2D-ANP-PARANA]

BACIA DO PARANÁ



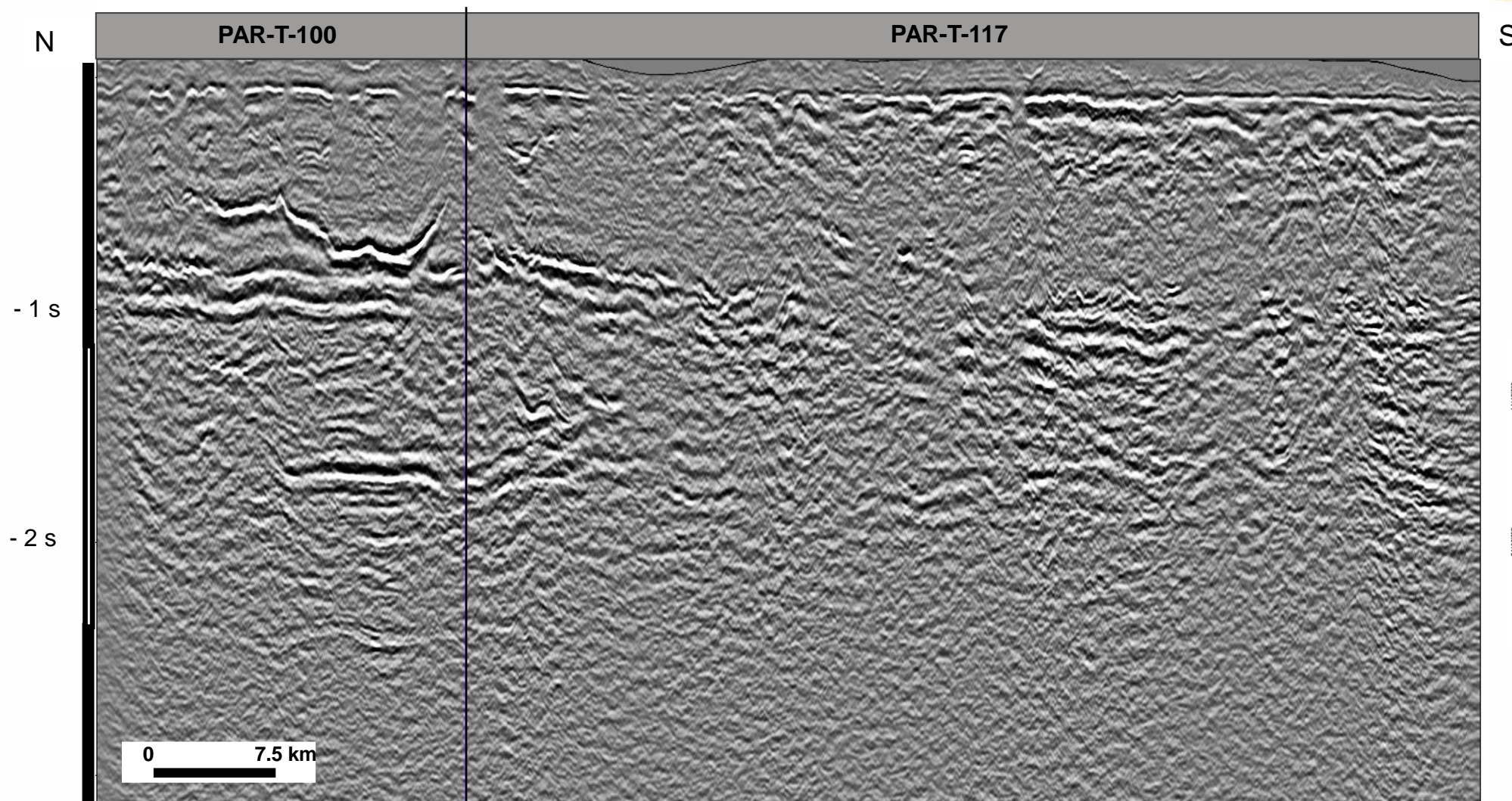
 Bloco em Oferta



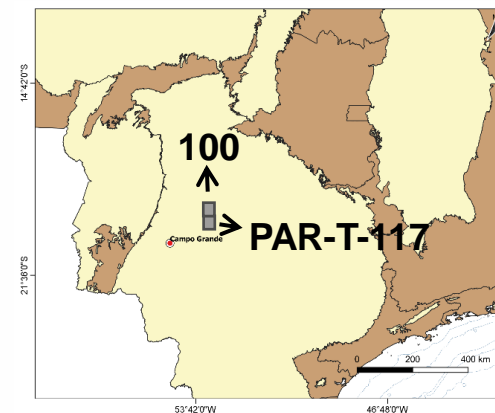
Linha 0314-0002 [0319_VIBRO2D-ANP-PARANA]

- | | | | |
|--|---|---|---|
|  Valanginiano |  Triássico |  Devoniano |  Embasamento |
|  Barremiano |  Cisuraliano |  Siluriano |  Oportunidade Exploratória |

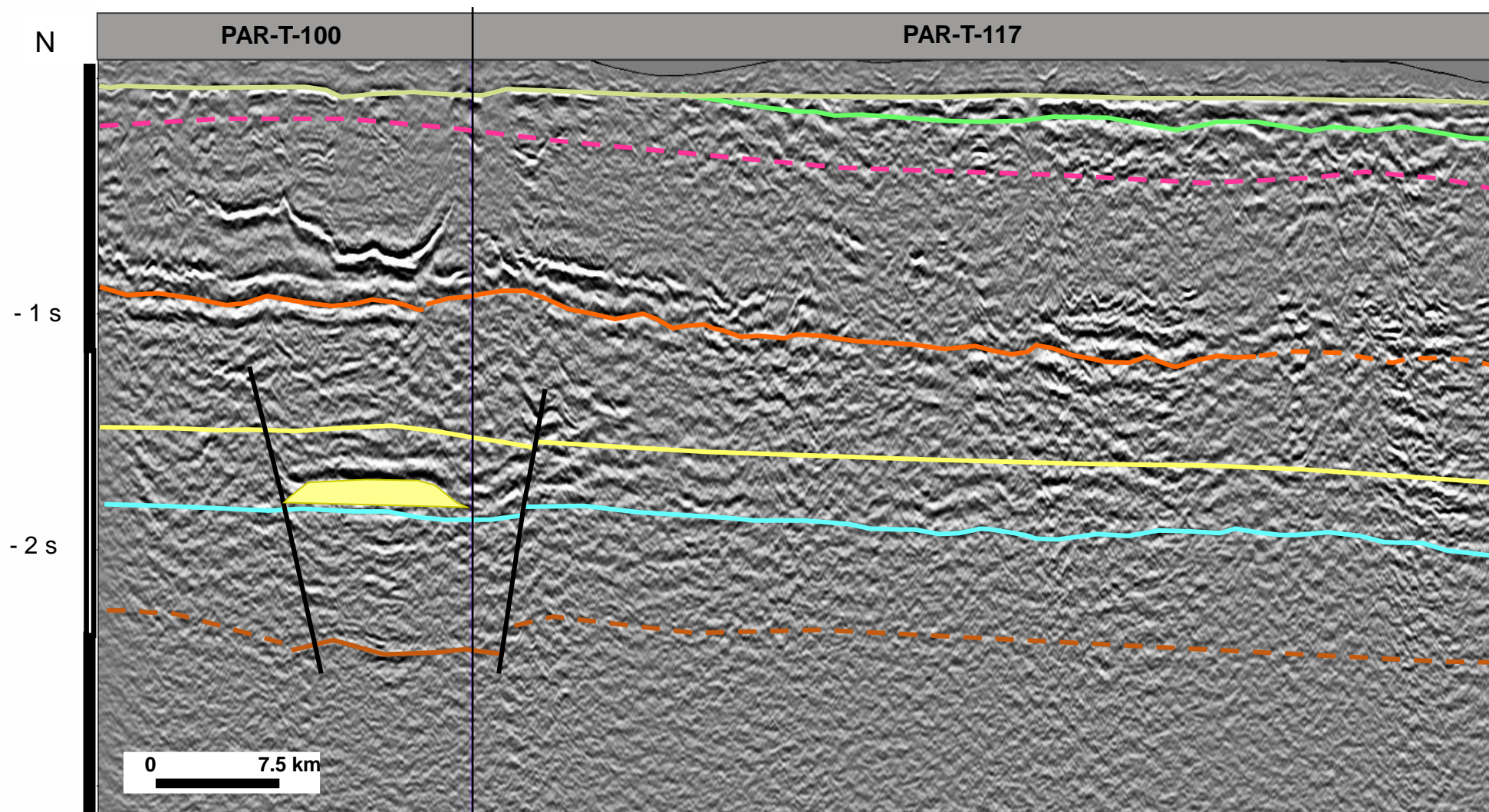
BACIA DO PARANÁ



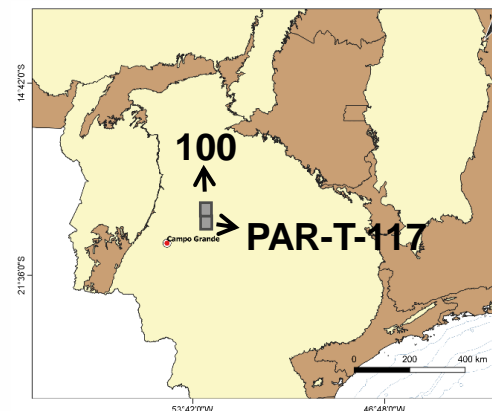

Bloco em Oferta



BACIA DO PARANÁ



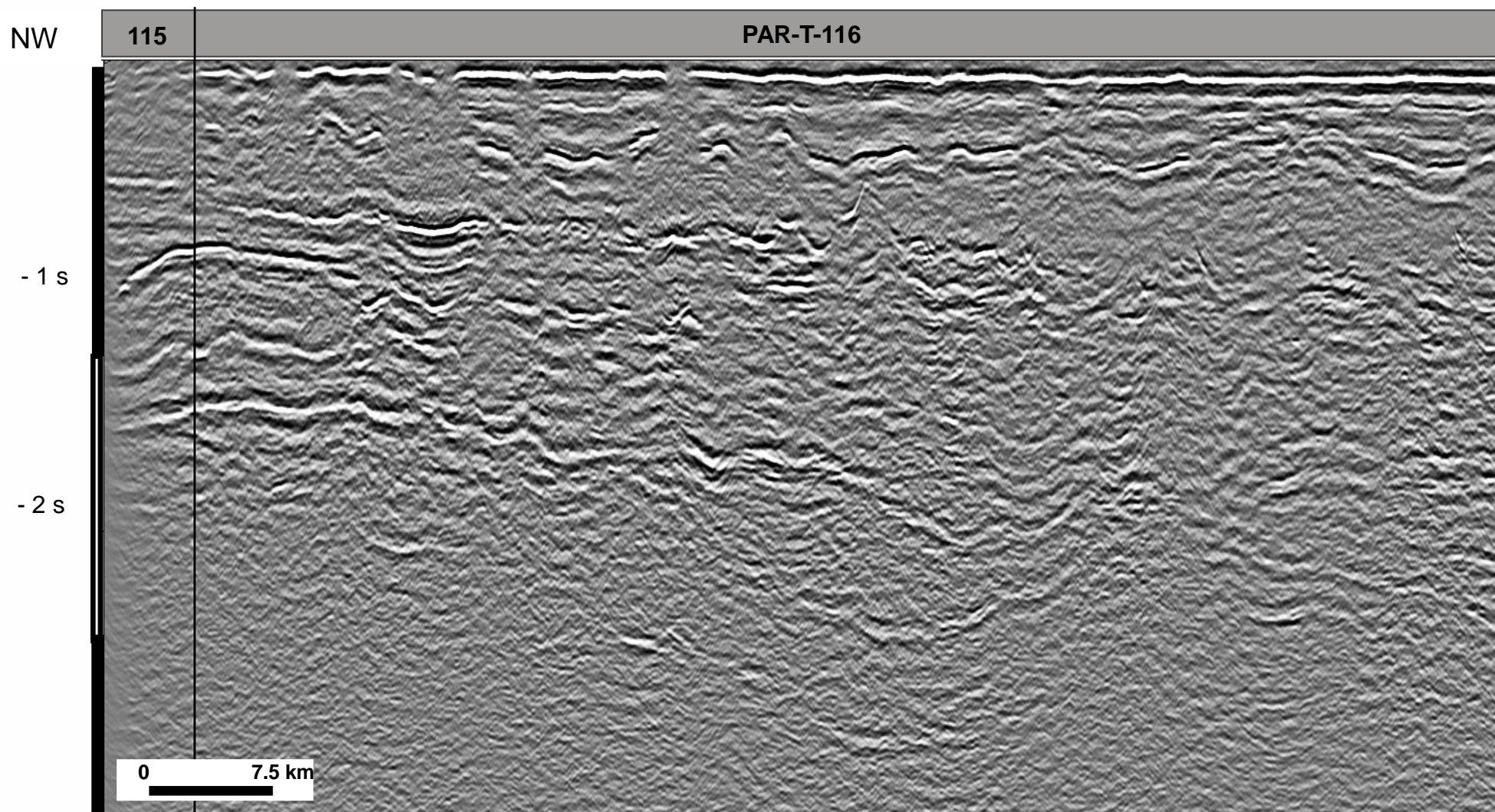
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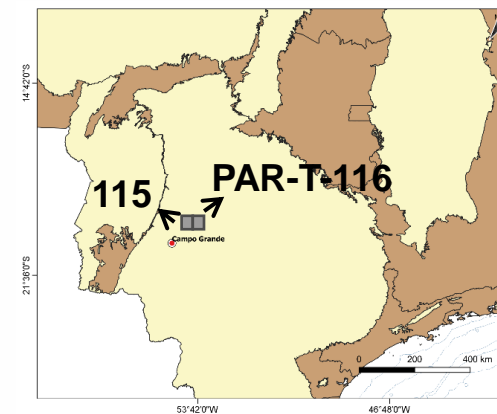
- | | | | |
|--------------|-------------|-----------|---------------------------|
| Valanginiano | Triássico | Devoniano | Embasamento |
| Barremiano | Cisuraliano | Siluriano | Oportunidade Exploratória |

Linha 0314-0026 [0319 VIBRO2D-ANP-PARANÁ]

BACIA DO PARANÁ

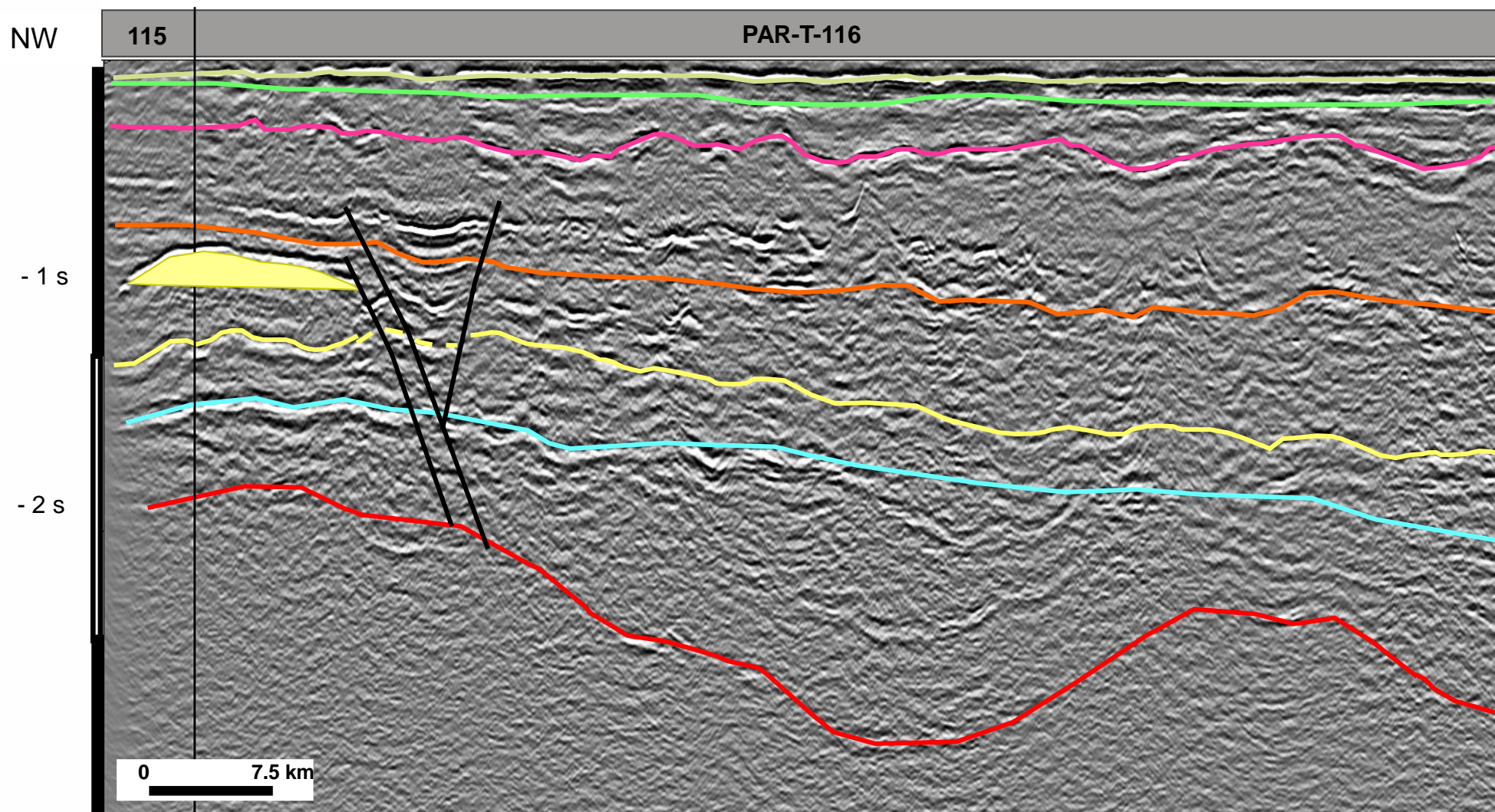


Bloco em Oferta

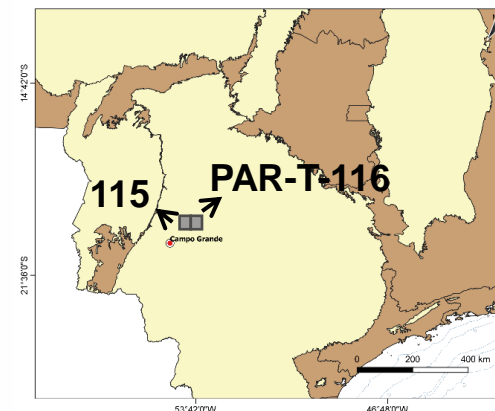


Linha 0314-0015 [0319 VIBRO2D-ANP-PARANA]

BACIA DO PARANÁ



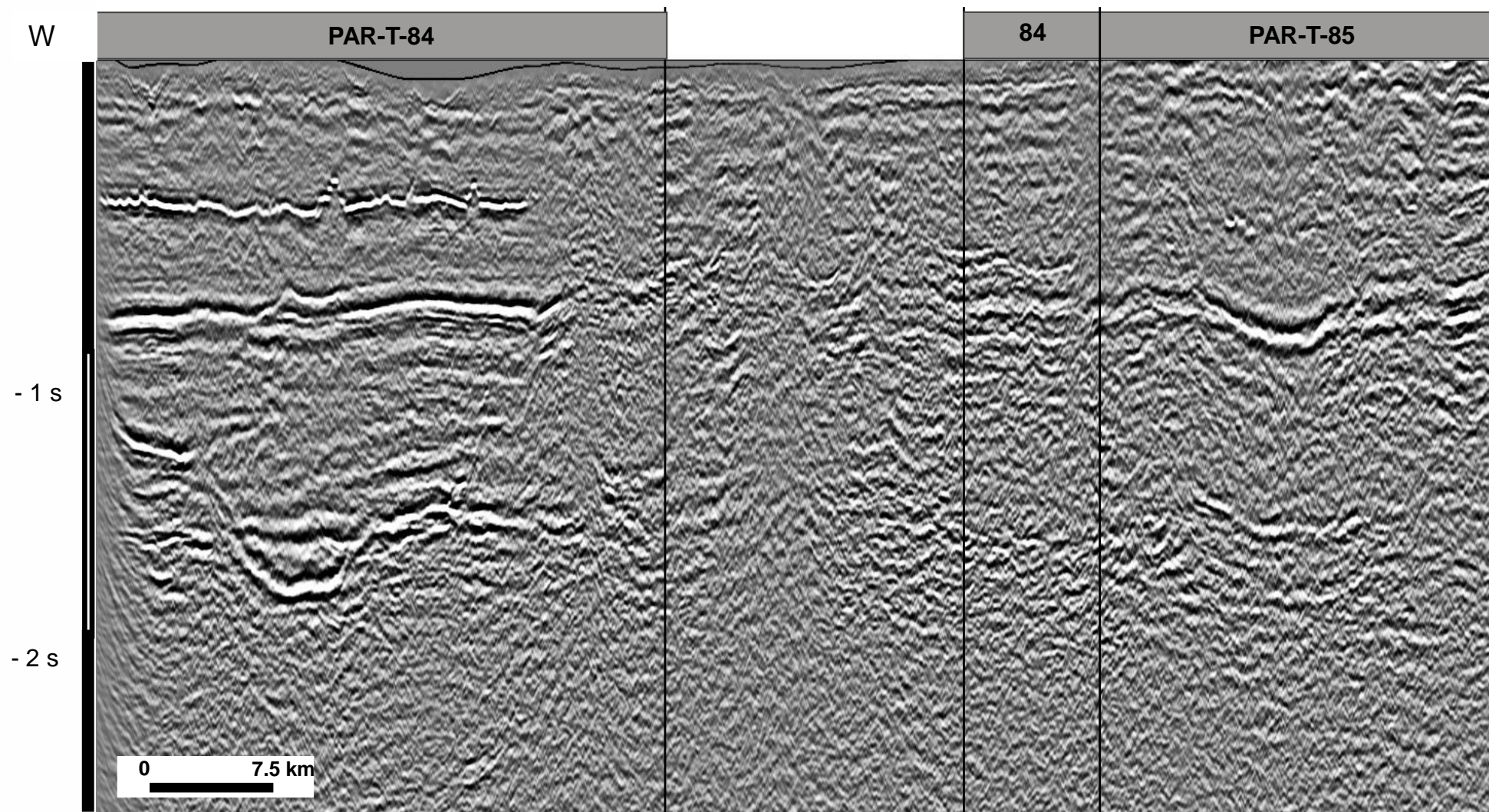
Bloco em Oferta



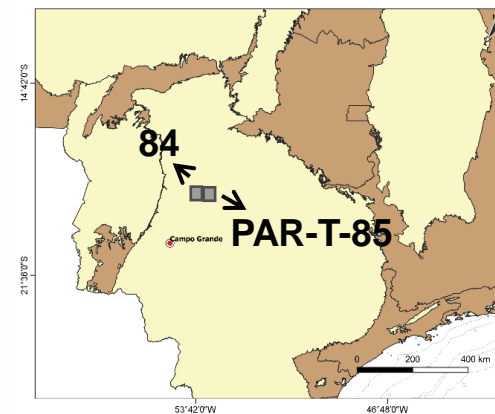
Linha 0314-0015 [0319_VIBRO2D-ANP-PARANA]

- | | | | |
|--------------|-------------|-----------|---------------------------|
| Valanginiano | Triássico | Devoniano | Embasamento |
| Barremiano | Cisuraliano | Siluriano | Oportunidade Exploratória |

BACIA DO PARANÁ

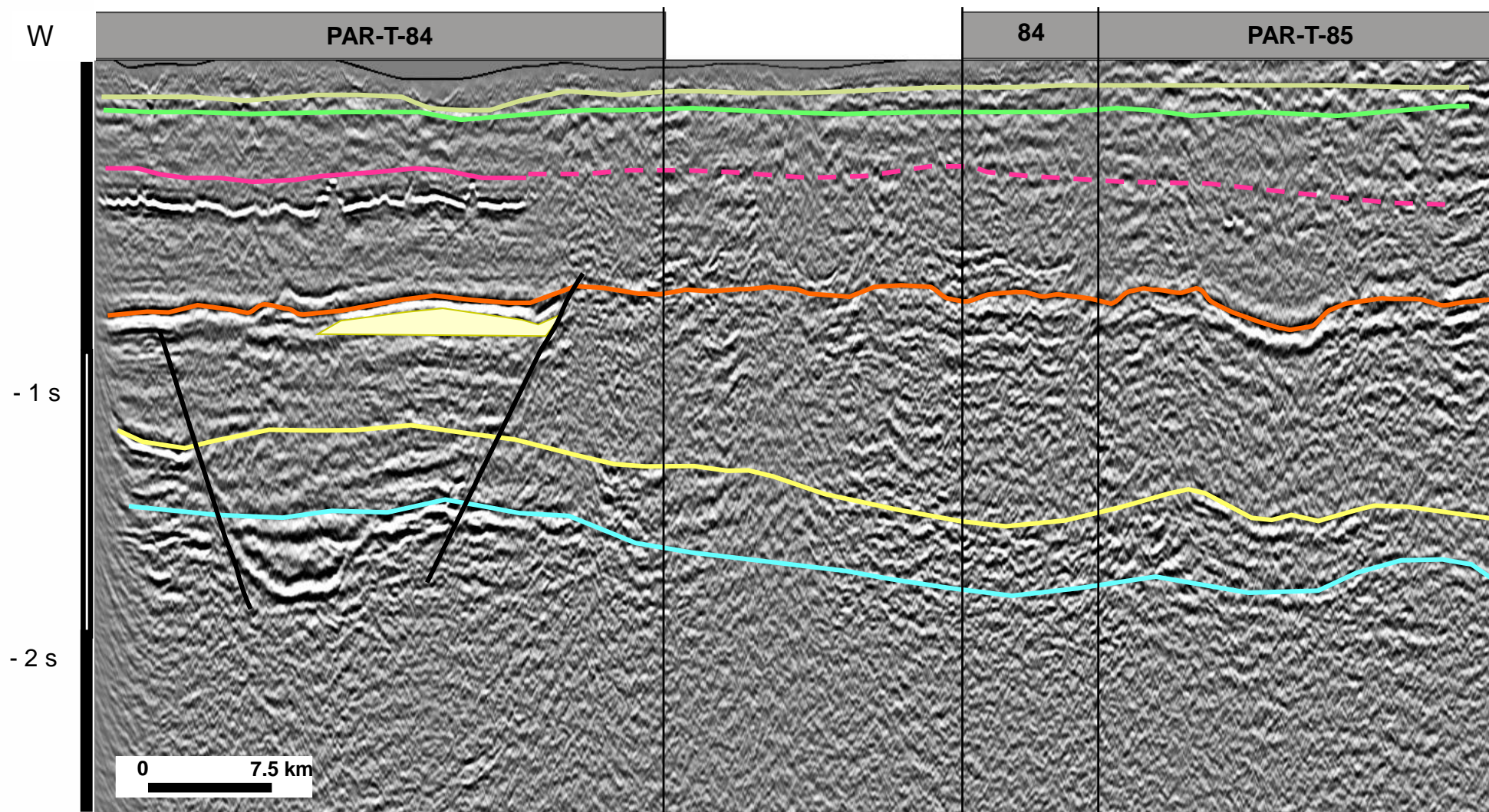


Bloco em Oferta




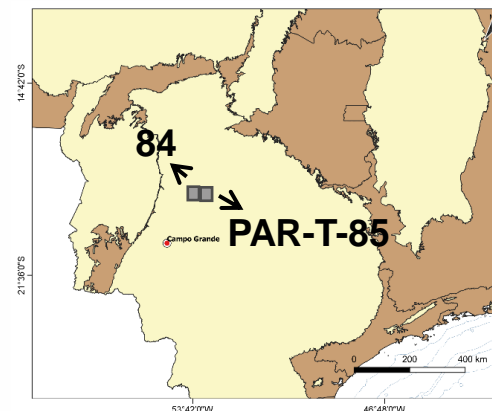
Linha 0314-0001 [0319_VIBRO2D-ANP-PARANA]

BACIA DO PARANÁ



E

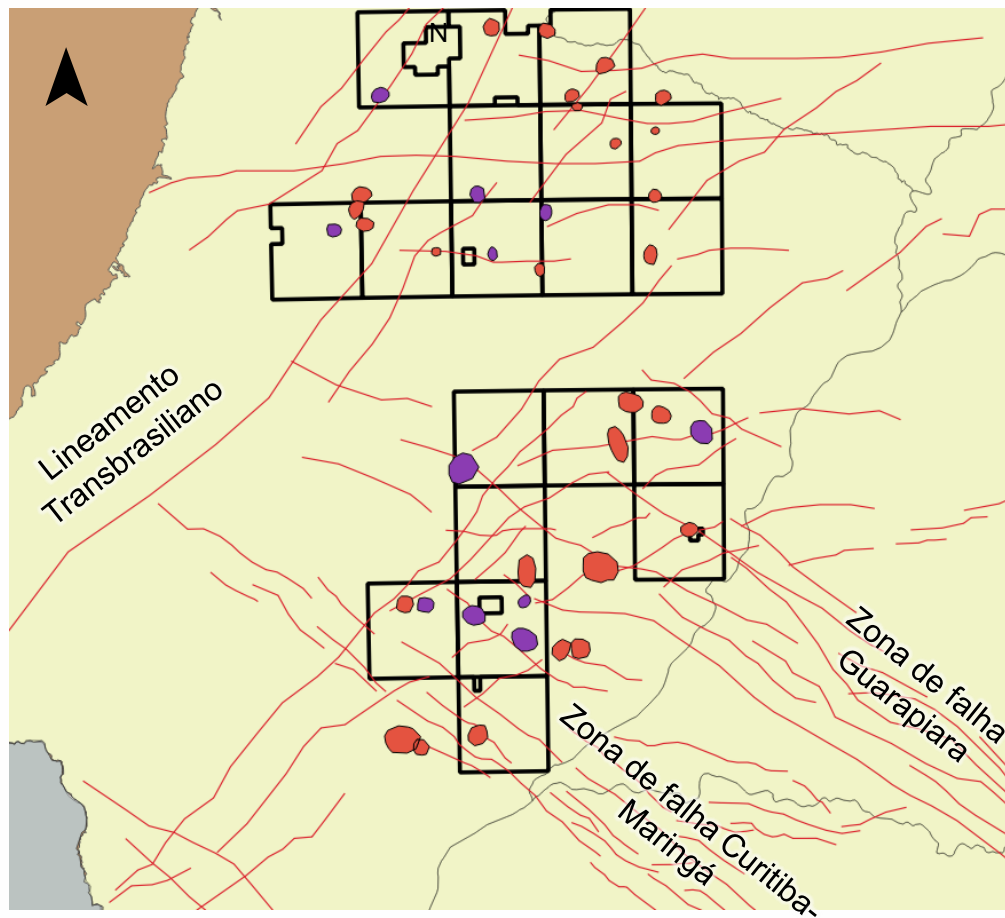
 Bloco em Oferta



Linha 0314-0001 [0319 VIBRO2D-ANP-PARANA]

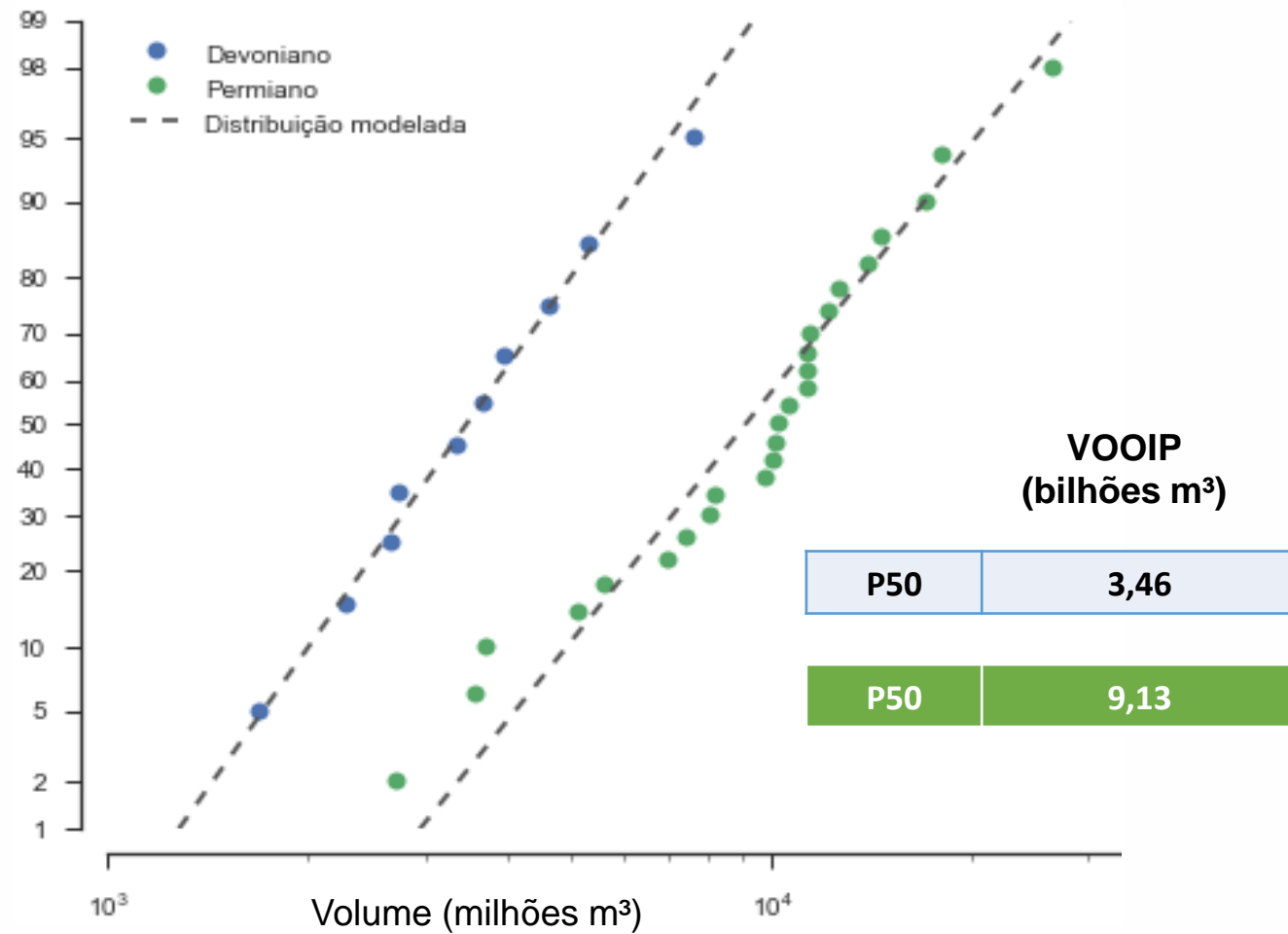
- | | | | |
|----------------|---------------|-------------|-----------------------------|
| — Valanginiano | — Triássico | — Devoniano | — Embasamento |
| — Barremiano | — Cisuraliano | — Siluriano | ● Oportunidade Exploratória |

BACIA DO PARANÁ

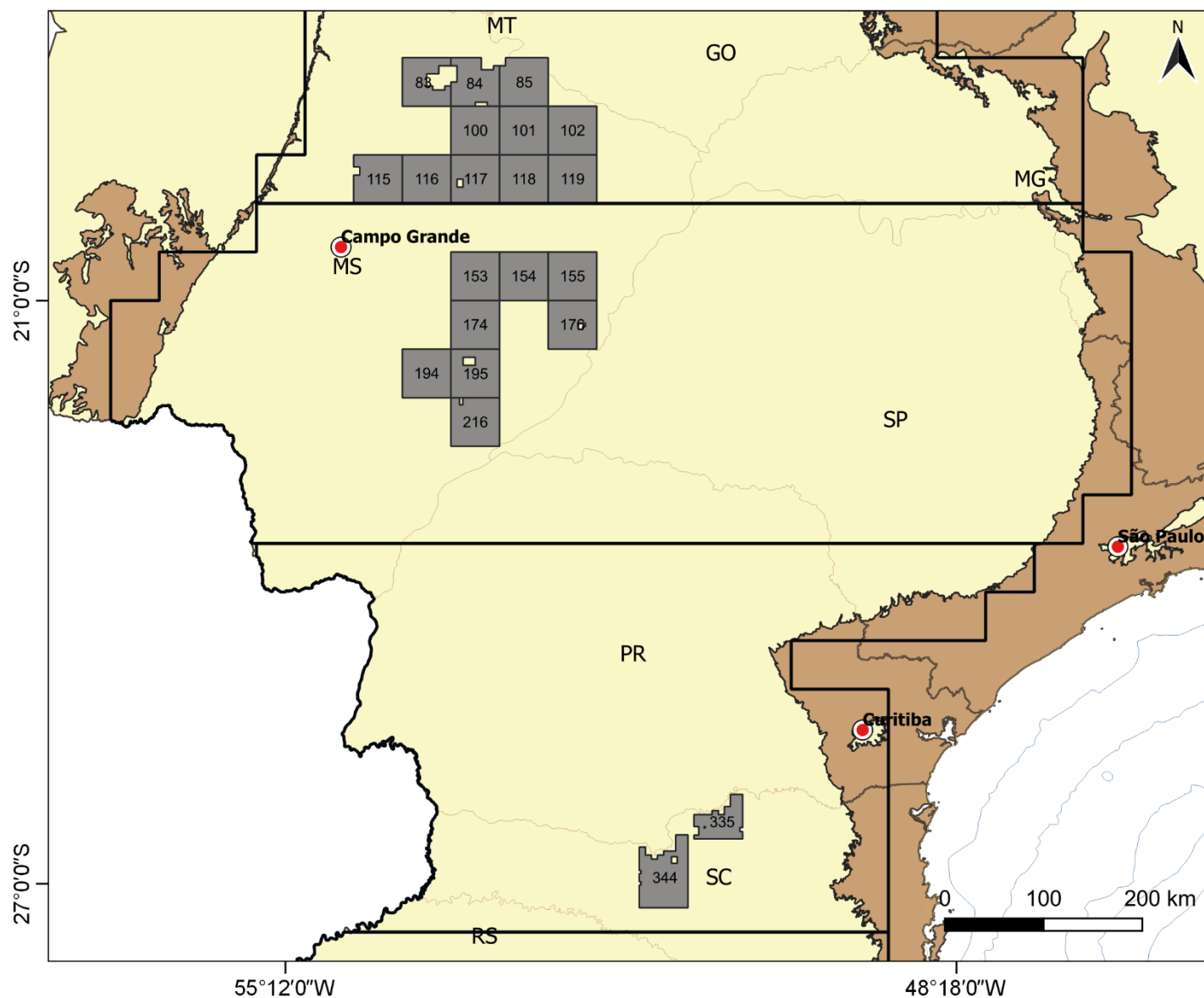


Oportunidades exploratórias

Permiano Devoniano

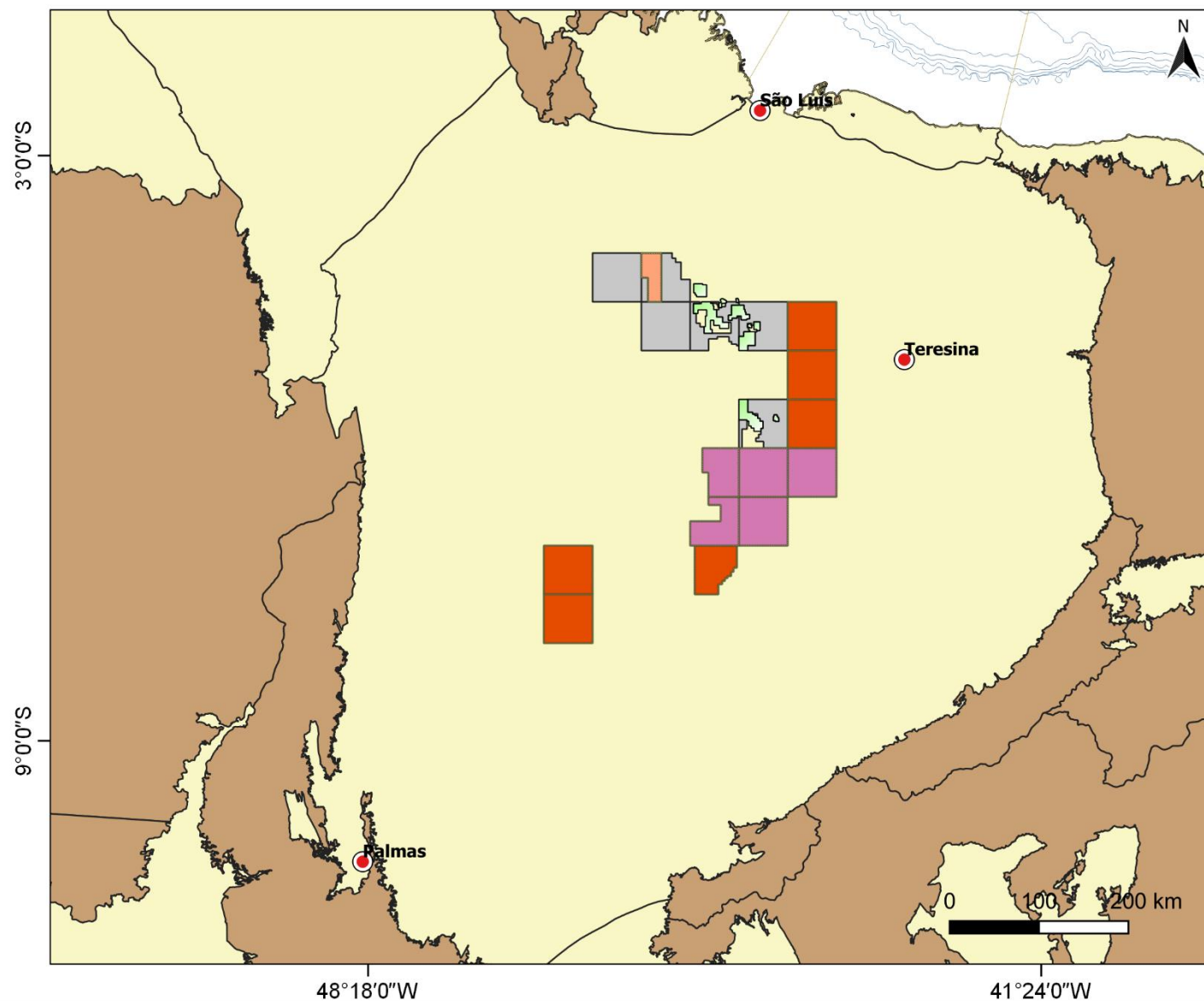


BACIA DO PARANÁ



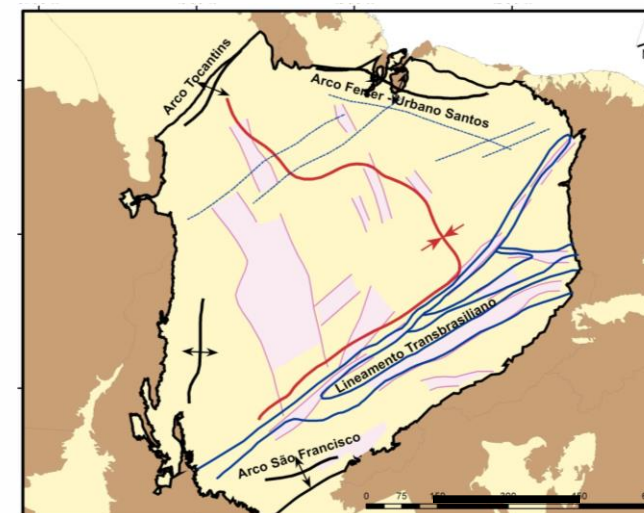
21 Blocos em Oferta

BACIA DO PARNAÍBA

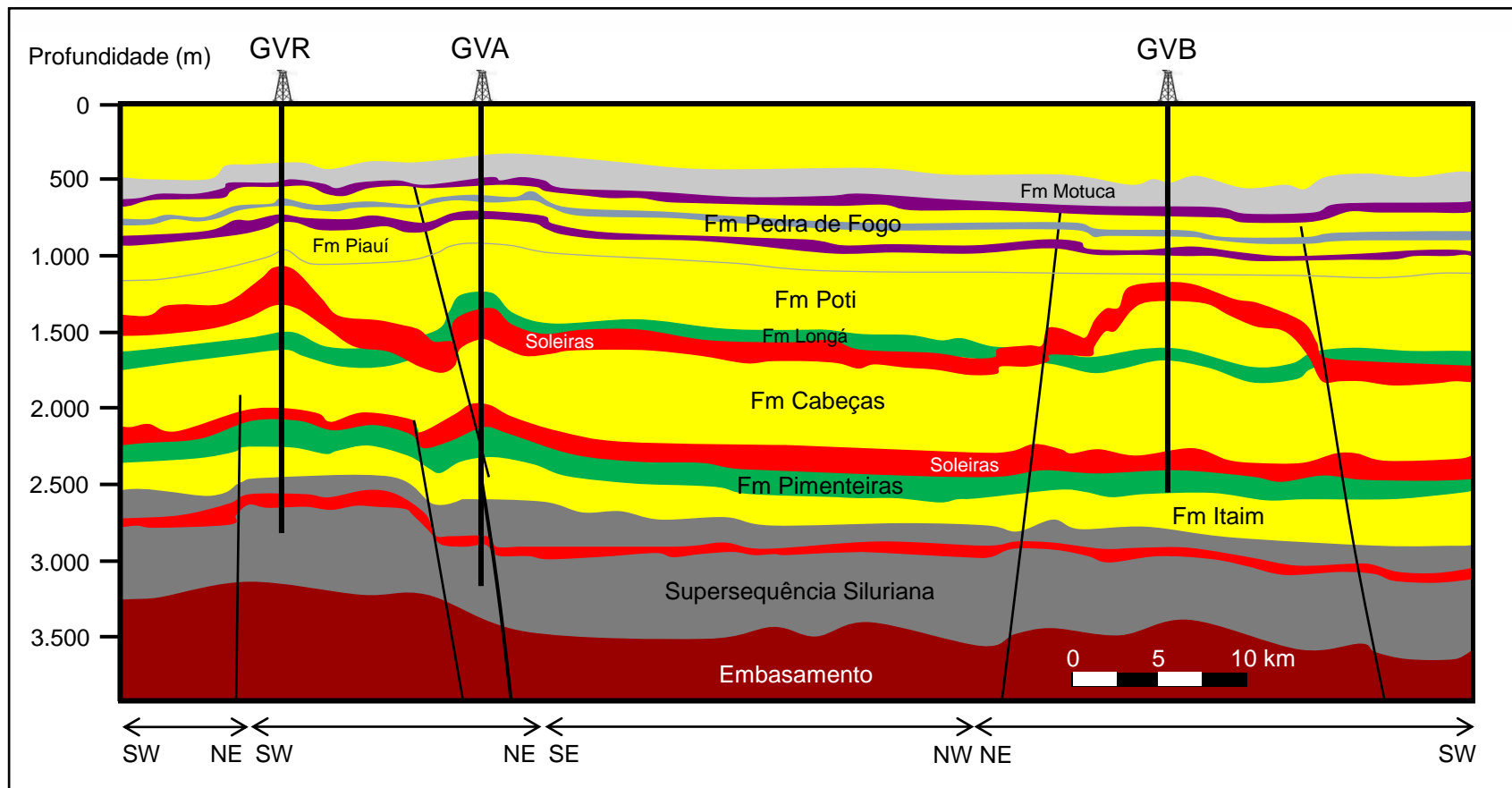


Blocos em concessão

- R9
- R13
- R14
- 1º e 2º Ciclo Oferta Permanente
- Campos em Produção

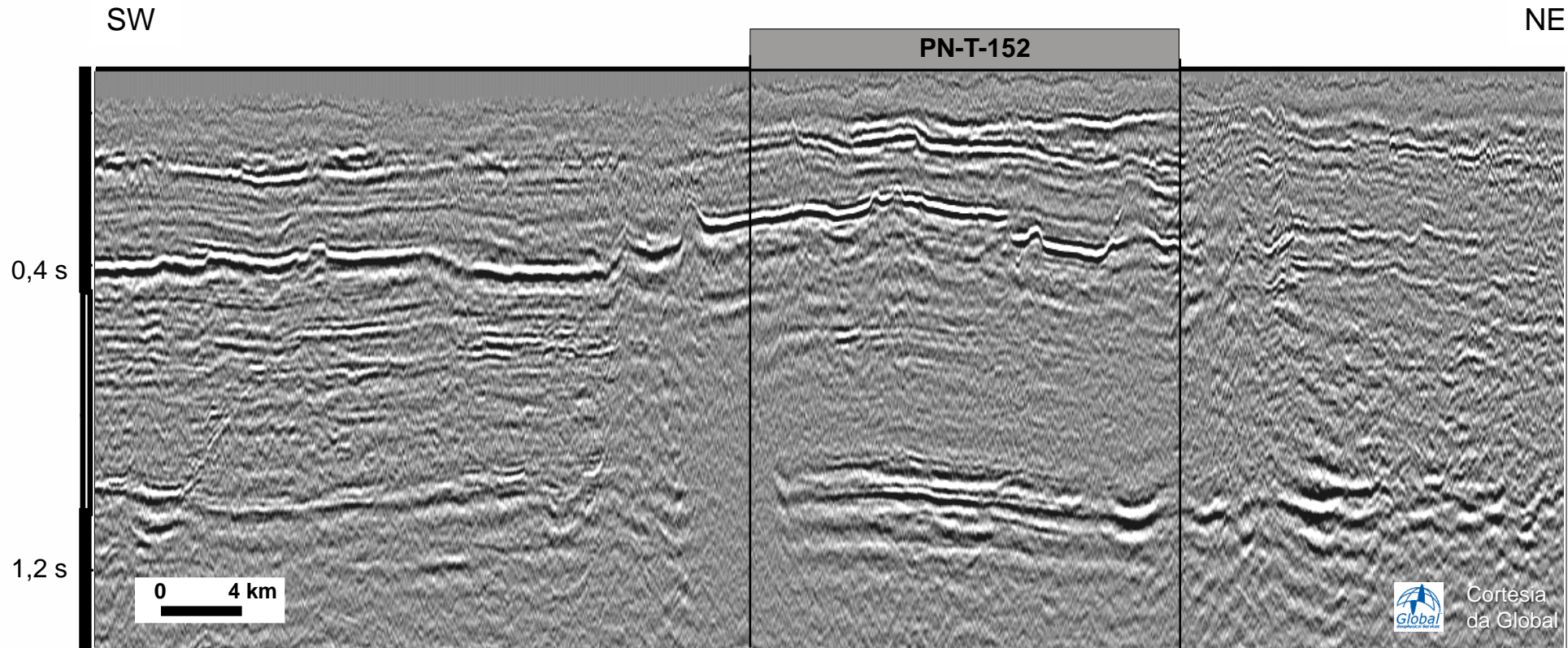


Seção Geológica: Parque dos Gaviões

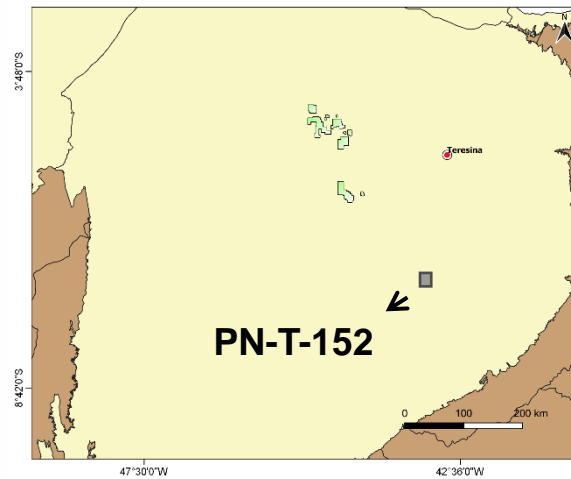


Fonte: Cunha *et al.*, 2012

BACIA DO PARNAÍBA

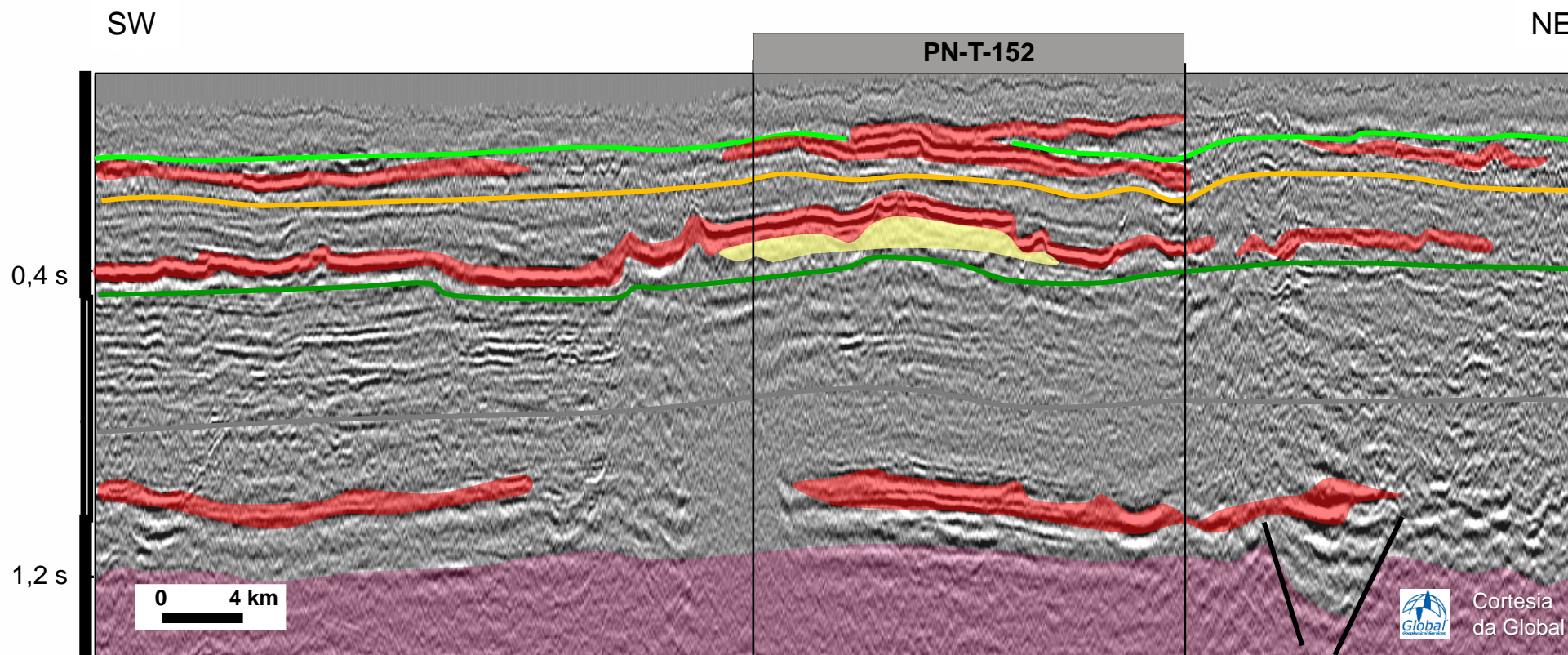


Bloco em Oferta



Linha 0319-0201 [0319_MC_BP_VIB2D_2012]

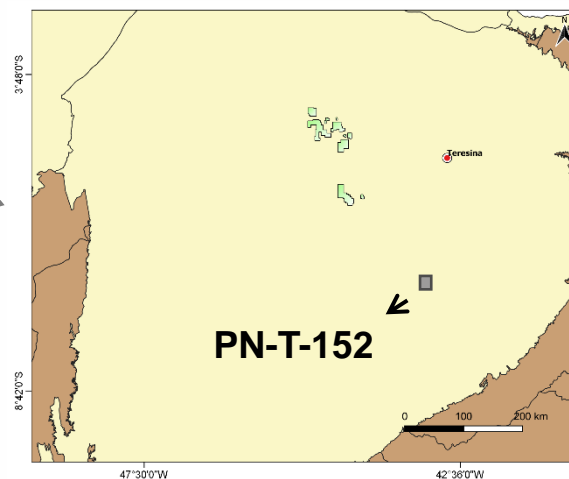
BACIA DO PARNAÍBA



Linha 0319-0201 [0319_MC_BP_VIB2D_2012]

- | | | |
|-----------------------|----------------------------------|-----------------------------|
| — Topo Fm Longá | — Topo Super Sequência Siluriana | |
| — Topo Fm Cabeças | — Soleira | — Oportunidade Exploratória |
| — Topo Fm Pimenteiras | — Embasamento | |

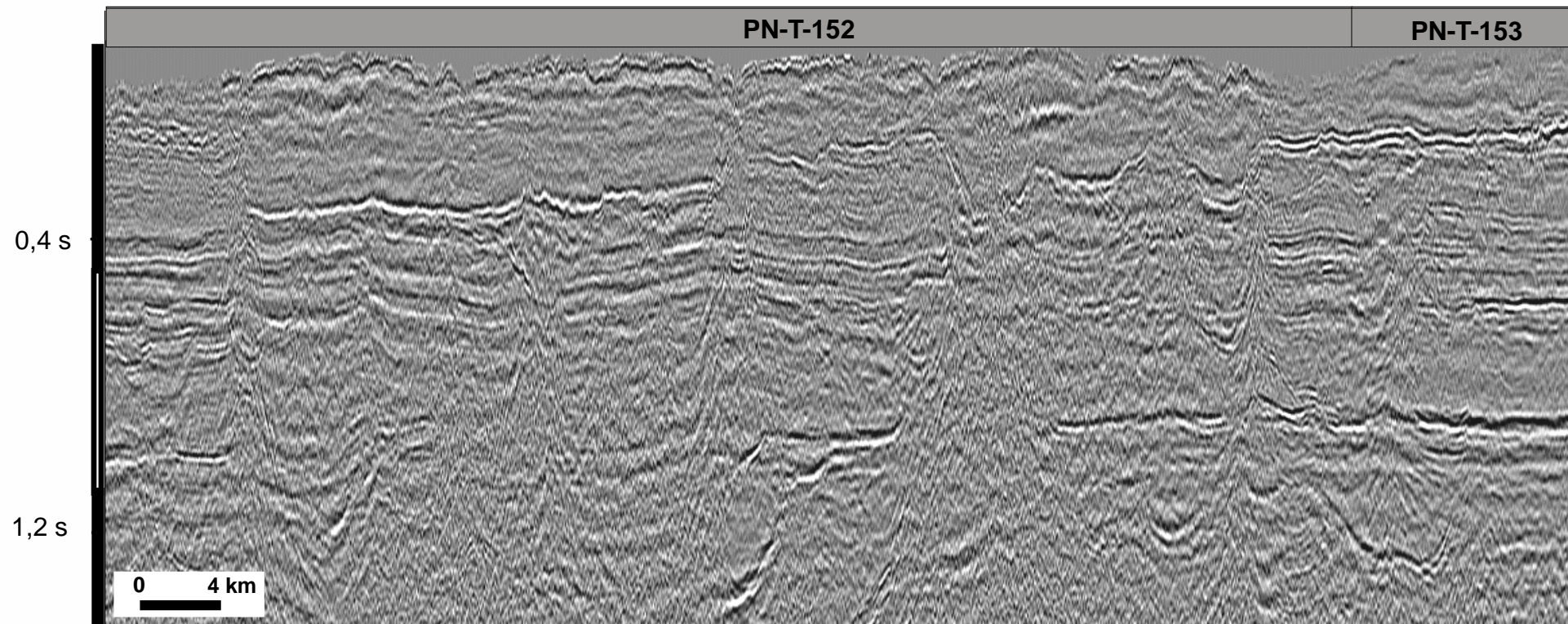
Bloco em Oferta



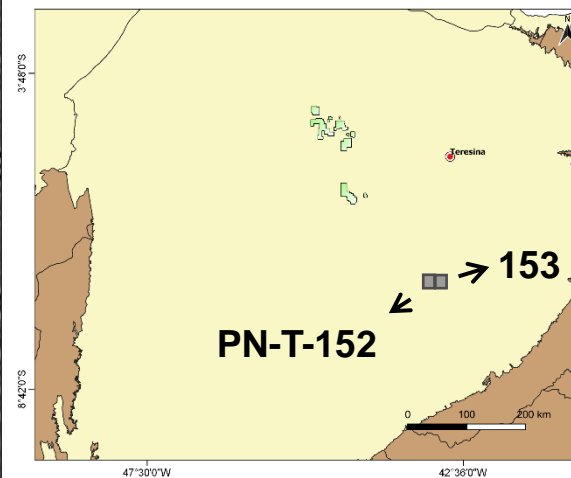
BACIA DO PARNAÍBA

NW

SE



Bloco em Oferta

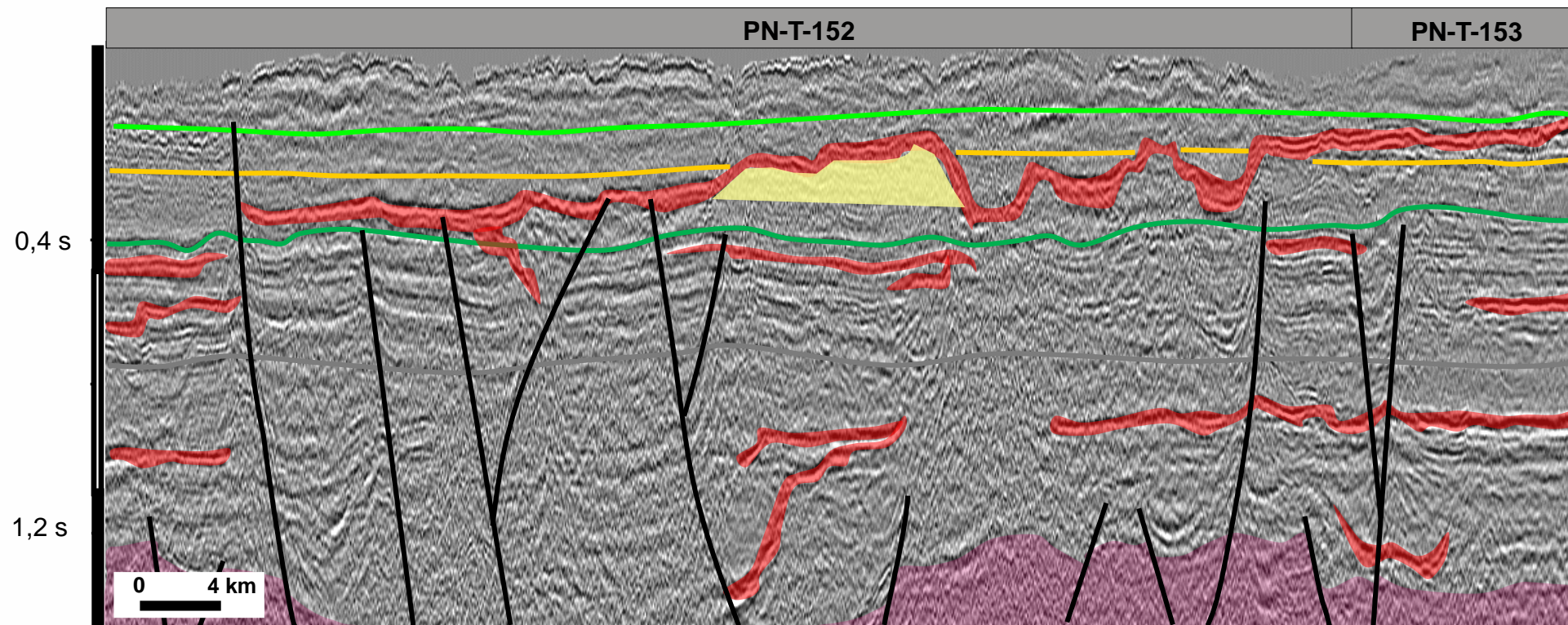


Linha 0295-0008 [0295_ANP_2D_PARNAIBA]

BACIA DO PARNAÍBA

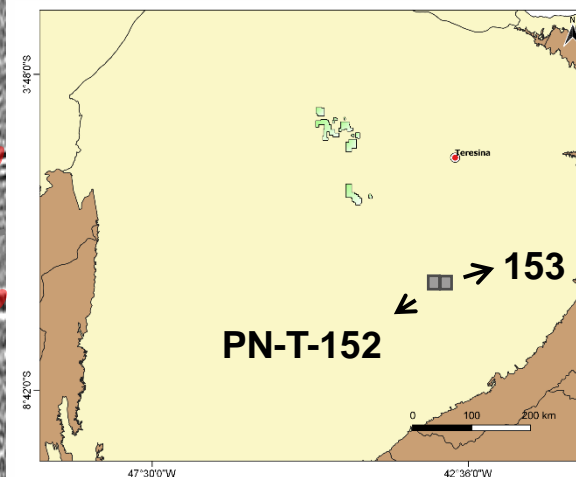
NW

SE



Linha 0295-0008 [0295_ANP_2D_PARNAIBA]

Bloco em Oferta



— Topo Fm Longá
— Topo Fm Cabeças

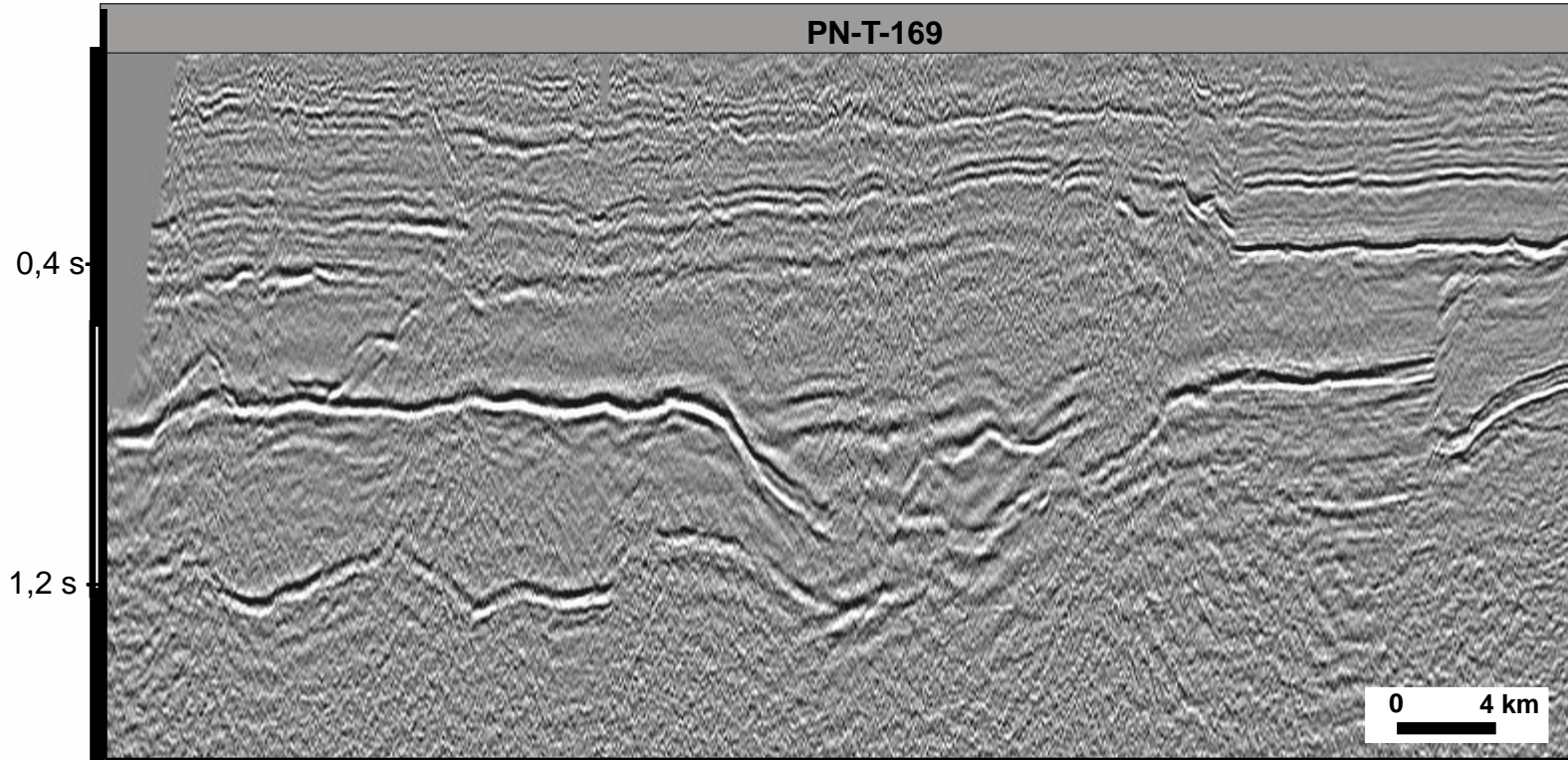
— Topo Fm Pimenteiras
— Topo Super Sequência Siluriana

— Soleira
— Embasamento

BACIA DO PARNAÍBA

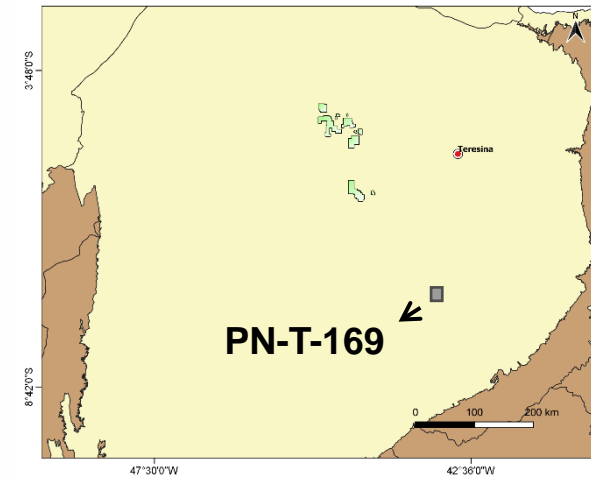
NW

SE

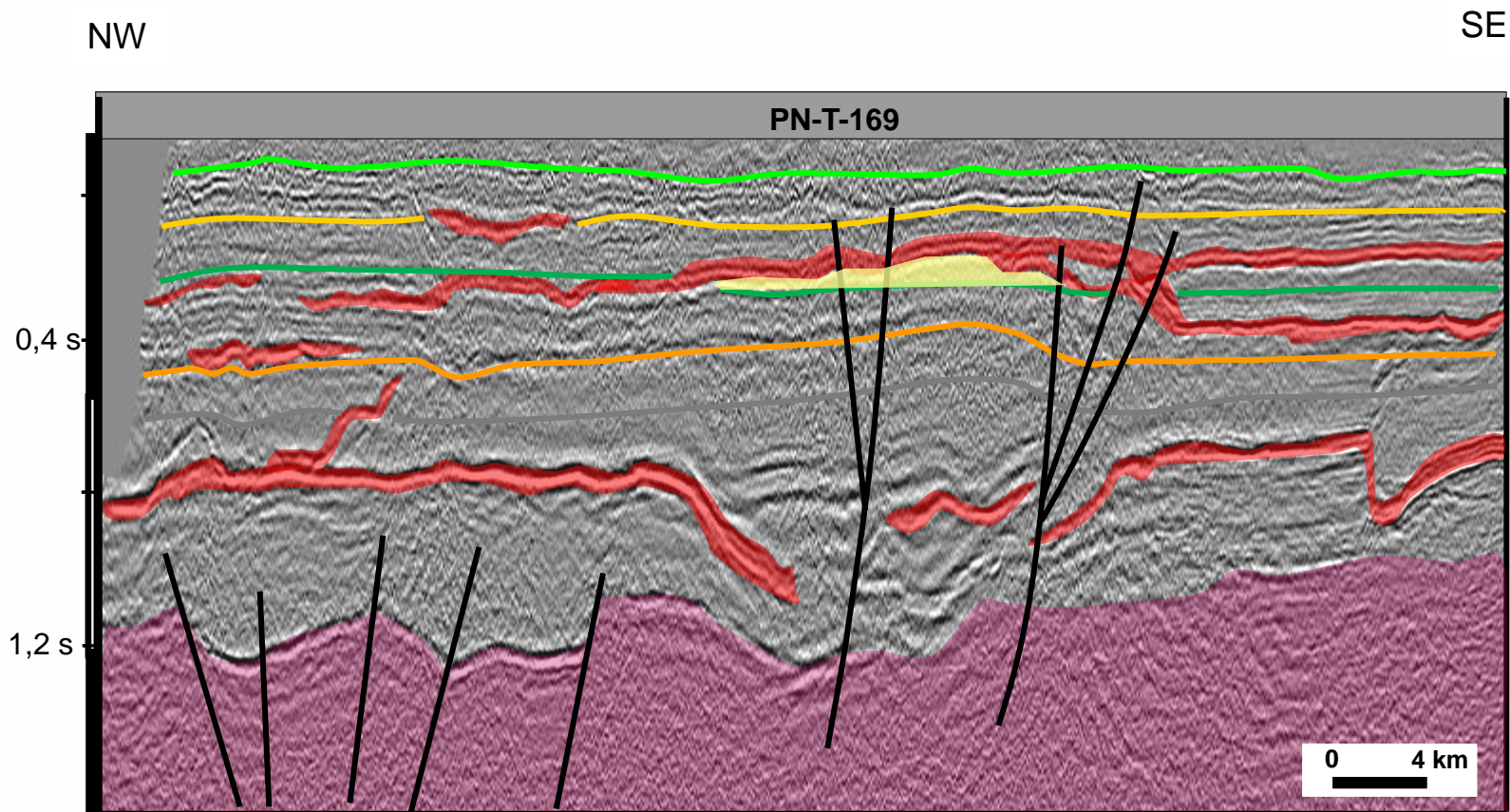


Linha 0295-0006 [0295_ANP_2D_PARNAIBA]

Bloco em Oferta



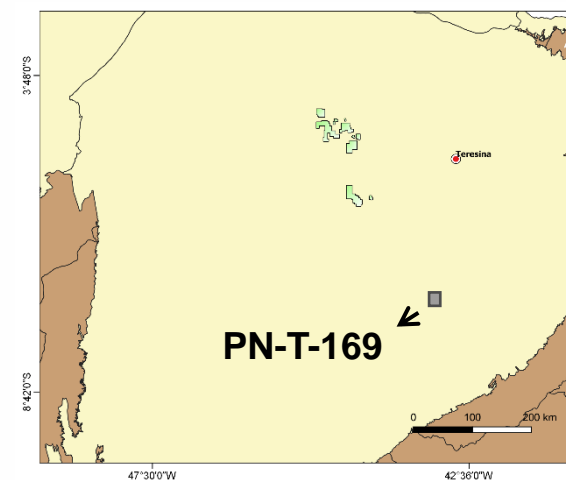
BACIA DO PARNAÍBA



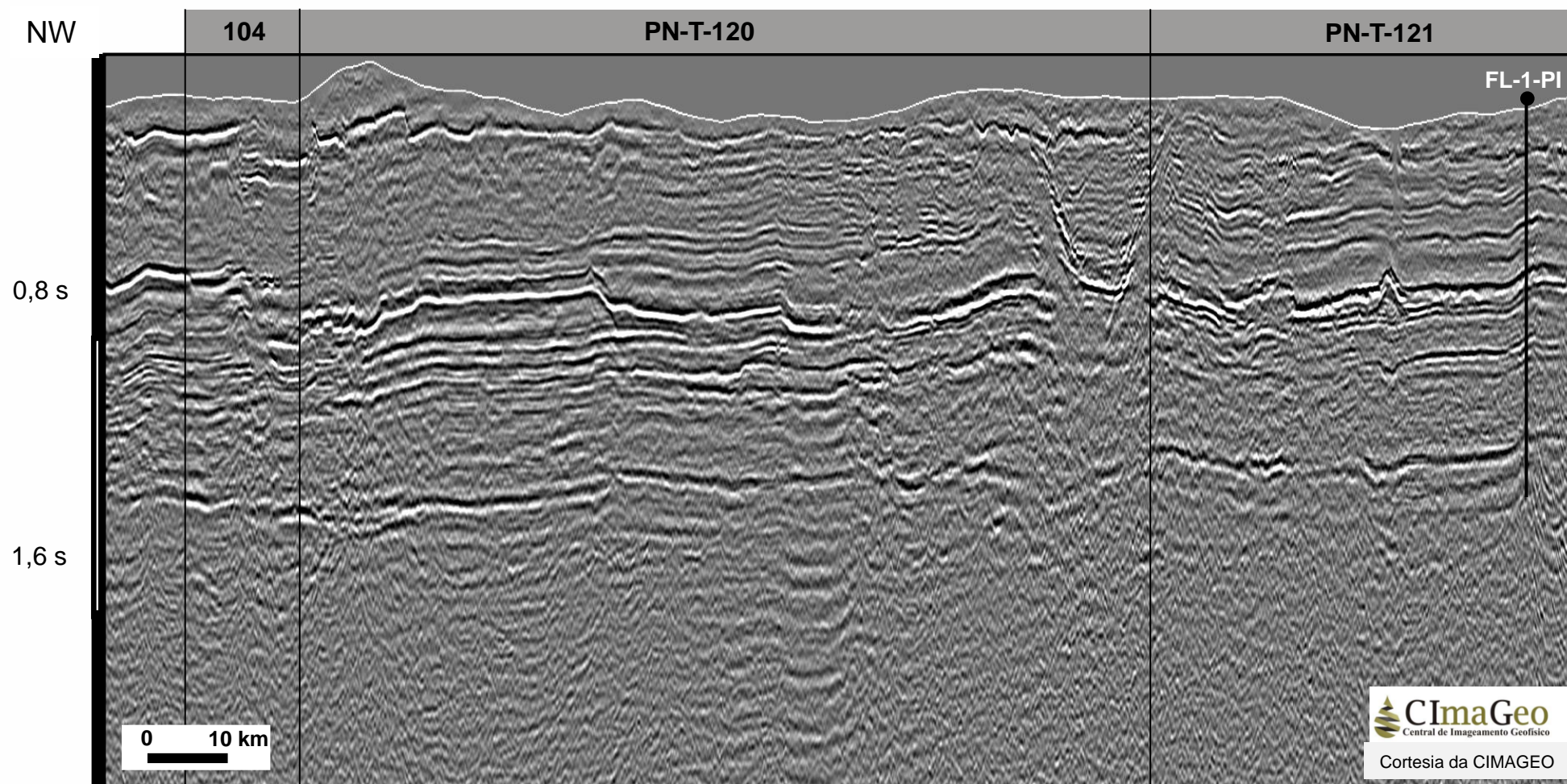
Linha 0295-0006 [0295_ANP_2D_PARNAIBA]

- | | | |
|-----------------------|----------------------------------|---------------|
| — Topo Fm Longá | — Topo Fm Itaim | ■ Soleira |
| — Topo Fm Cabeças | — Topo Super Sequência Siluriana | ■ Embasamento |
| — Topo Fm Pimenteiras | | |

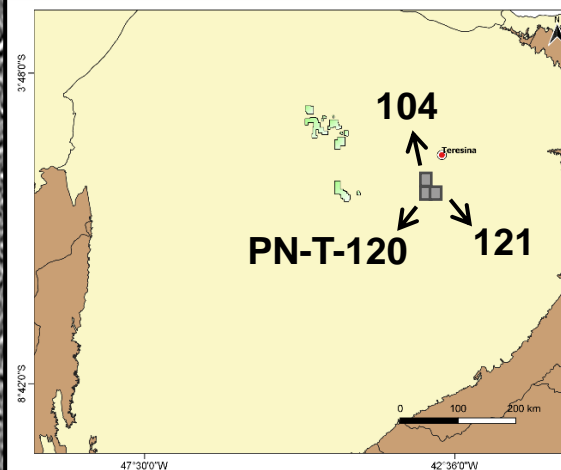
Bloco em Oferta



BACIA DO PARNAÍBA

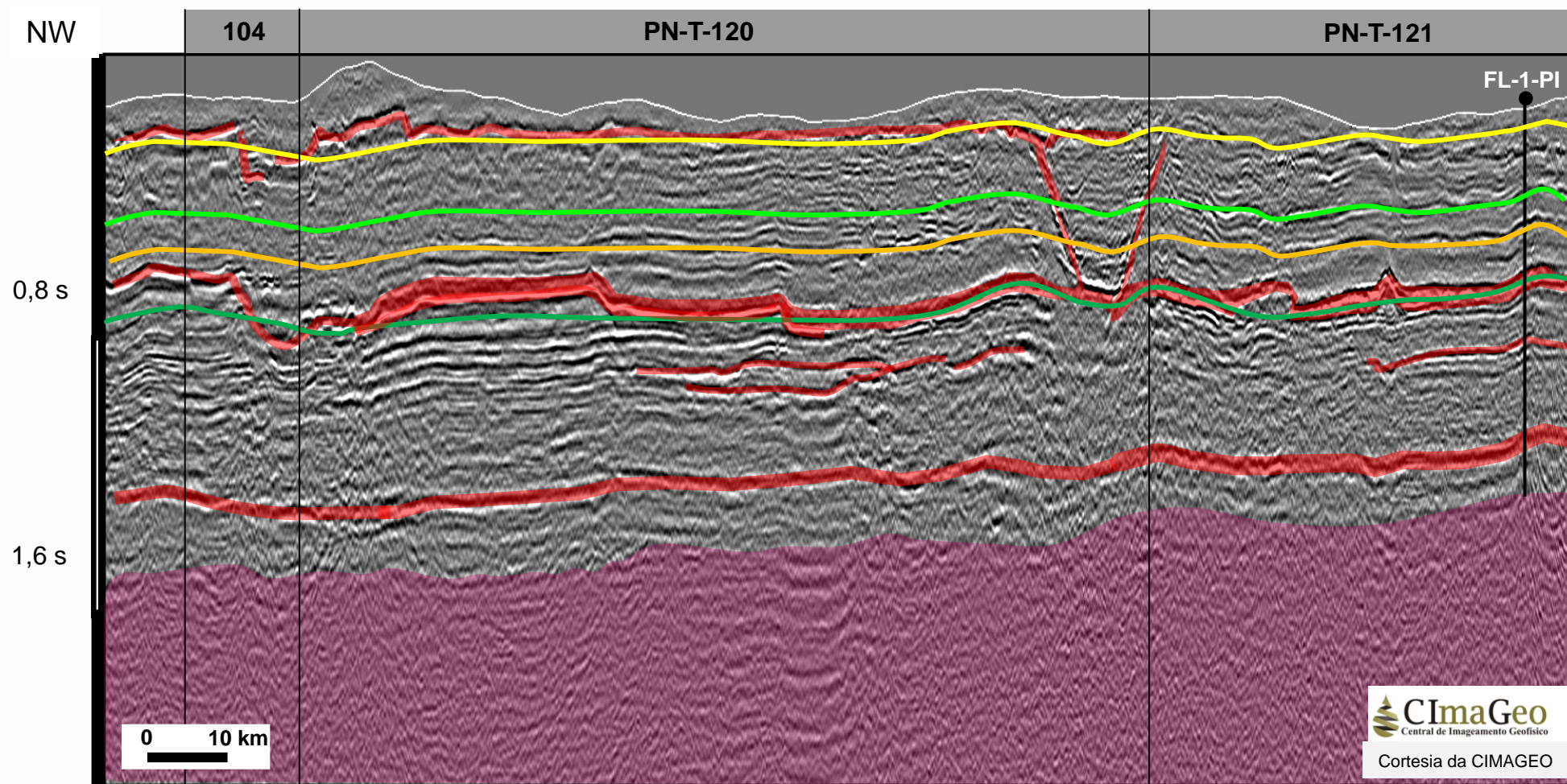


Bloco em Oferta

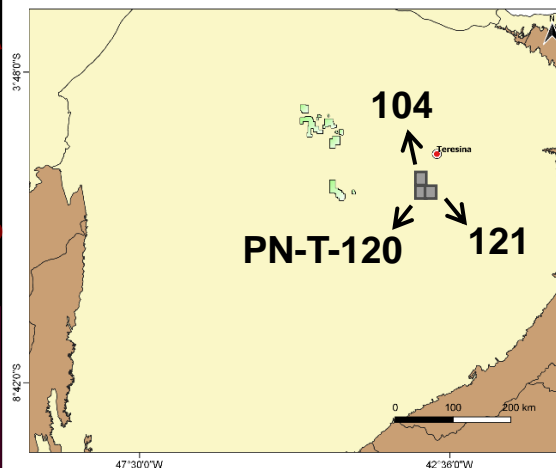


Linha 0317-0113 [0317_ANP_BACIA_DO_PARNAIBA]

BACIA DO PARNAÍBA



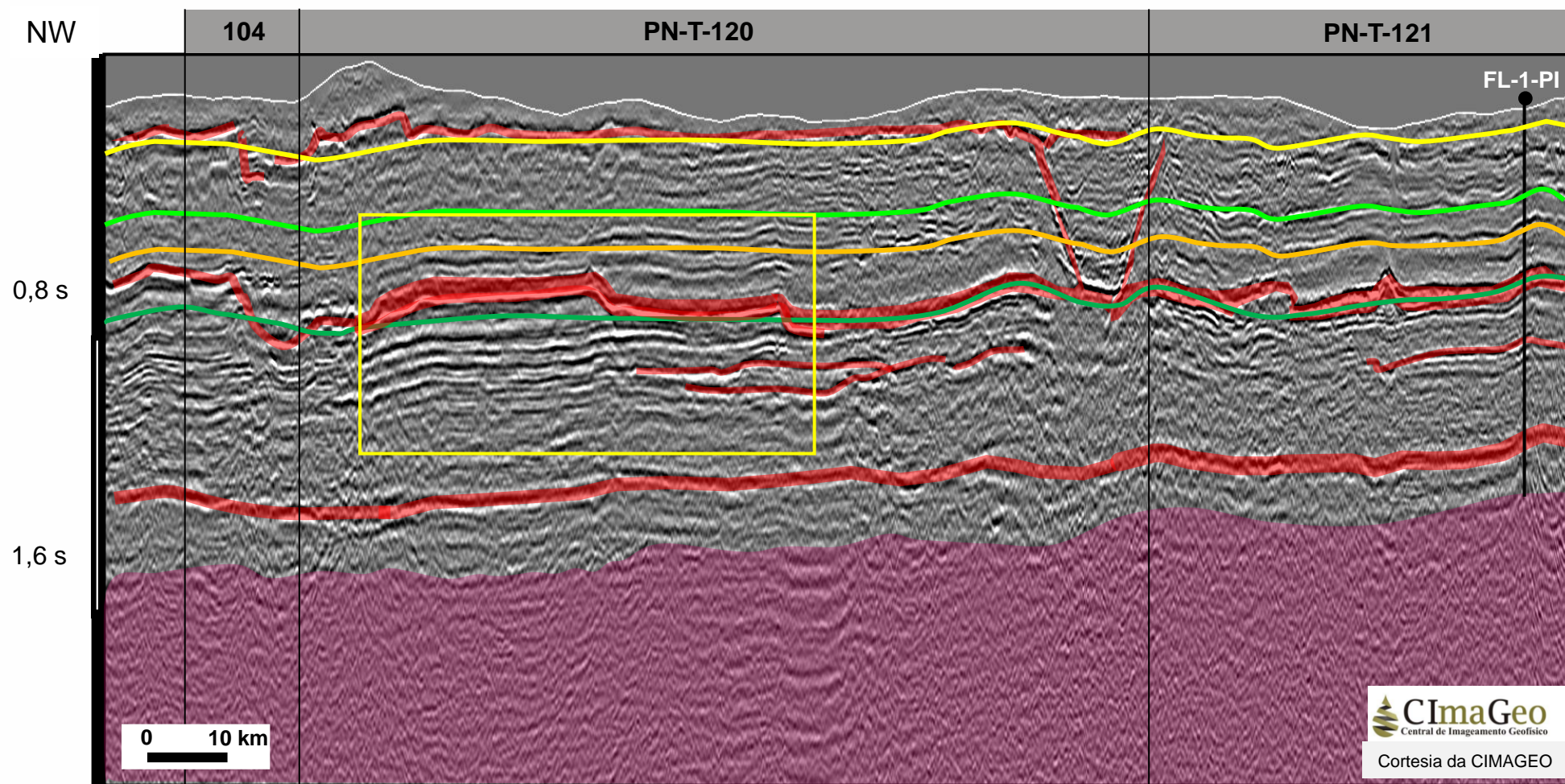
Bloco em Oferta



- Topo Fm Poti
- Topo Fm Cabeças
- Topo Fm Longá
- Topo Fm Pimenteiras
- Soleira
- Embasamento
- Oportunidade Exploratória

Linha 0317-0113 [0317_ANP_BACIA_DO_PARNAIBA]

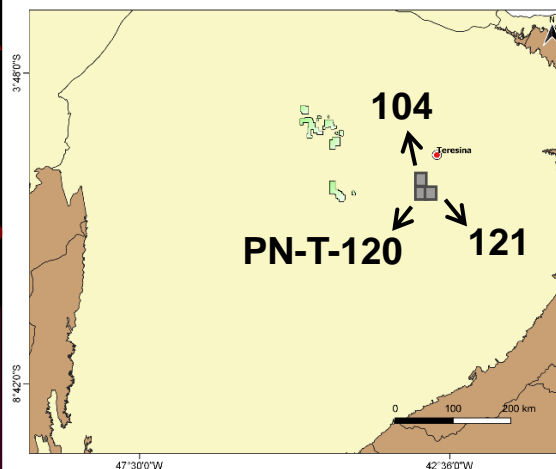
BACIA DO PARNAÍBA



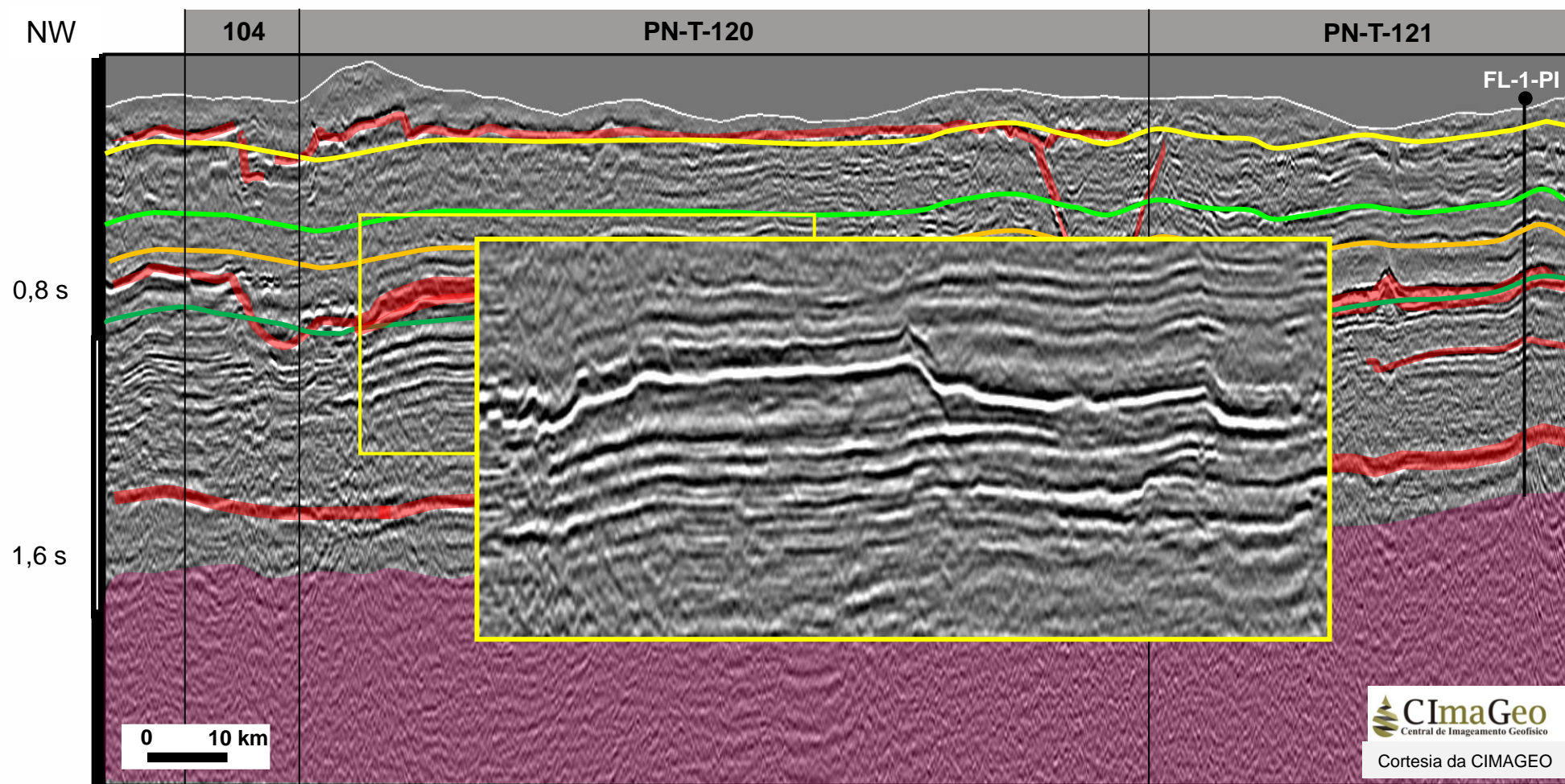
- Topo Fm Poti
- Topo Fm Cabeças
- Topo Fm Longá
- Topo Fm Pimenteiras
- Soleira
- Embasamento
- Oportunidade Exploratória

Linha 0317-0113 [0317_ANP_BACIA_DO_PARNAIBA]

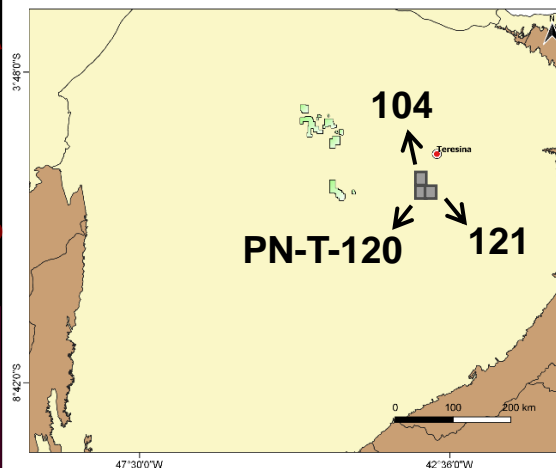
Bloco em Oferta



BACIA DO PARNAÍBA



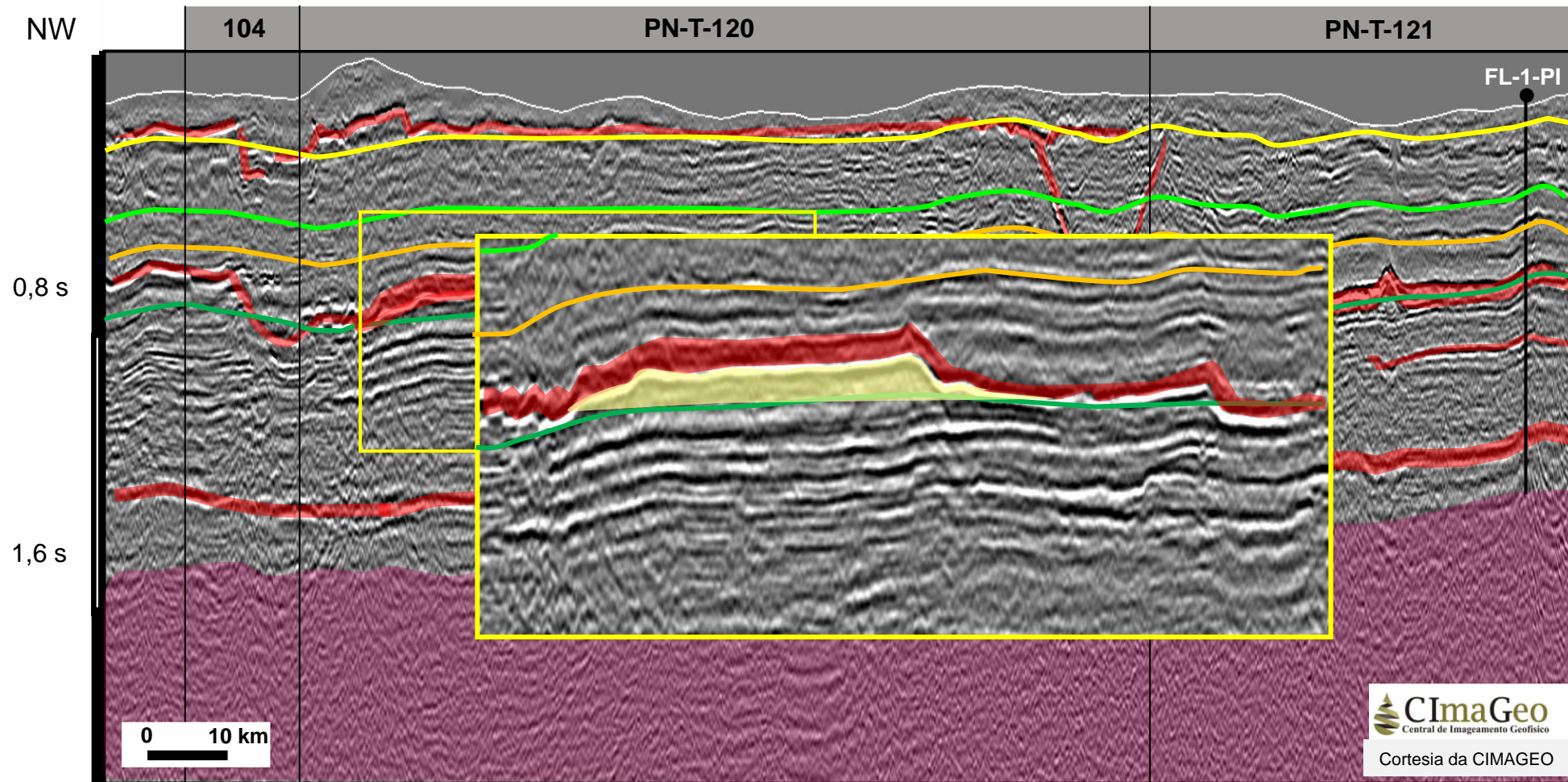
Bloco em Oferta



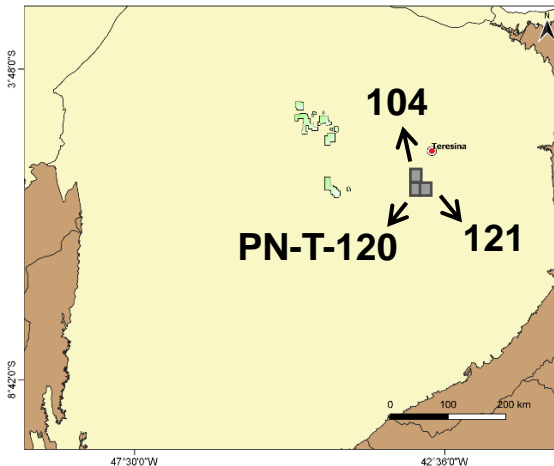
- Topo Fm Poti
- Topo Fm Cabeças
- Topo Fm Longá
- Topo Fm Pimenteiras
- Soleira
- Embasamento
- Oportunidade Exploratória

Linha 0317-0113 [0317_ANP_BACIA_DO_PARNAIBA]

BACIA DO PARNAÍBA



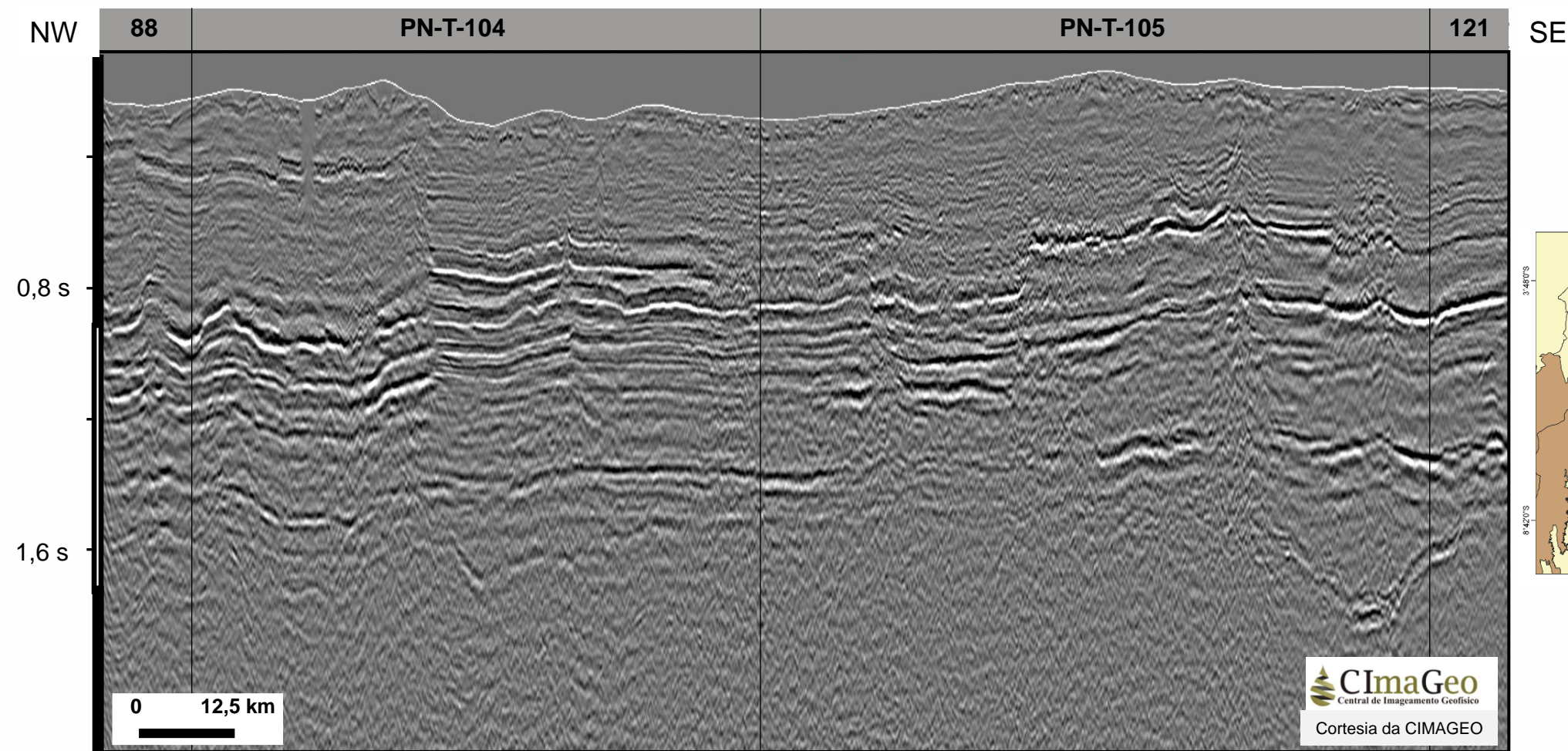
Bloco em Oferta



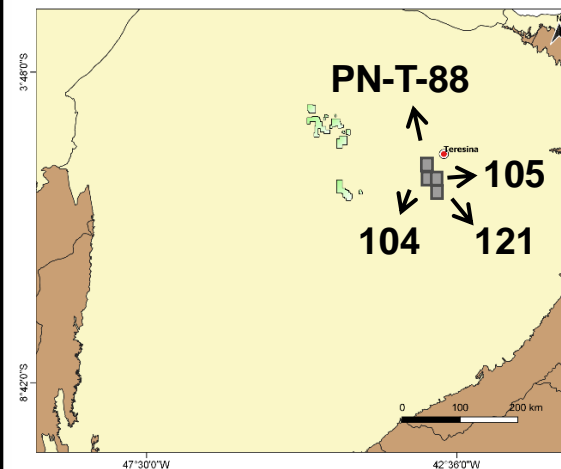
- Topo Fm Poti
- Topo Fm Cabeças
- Soleira
- Topo Fm Longá
- Topo Fm Pimenteiras
- Embasamento
- Oportunidade Exploratória

Linha 0317-0113 [0317_ANP_BACIA_DO_PARNAIBA]

BACIA DO PARNAÍBA

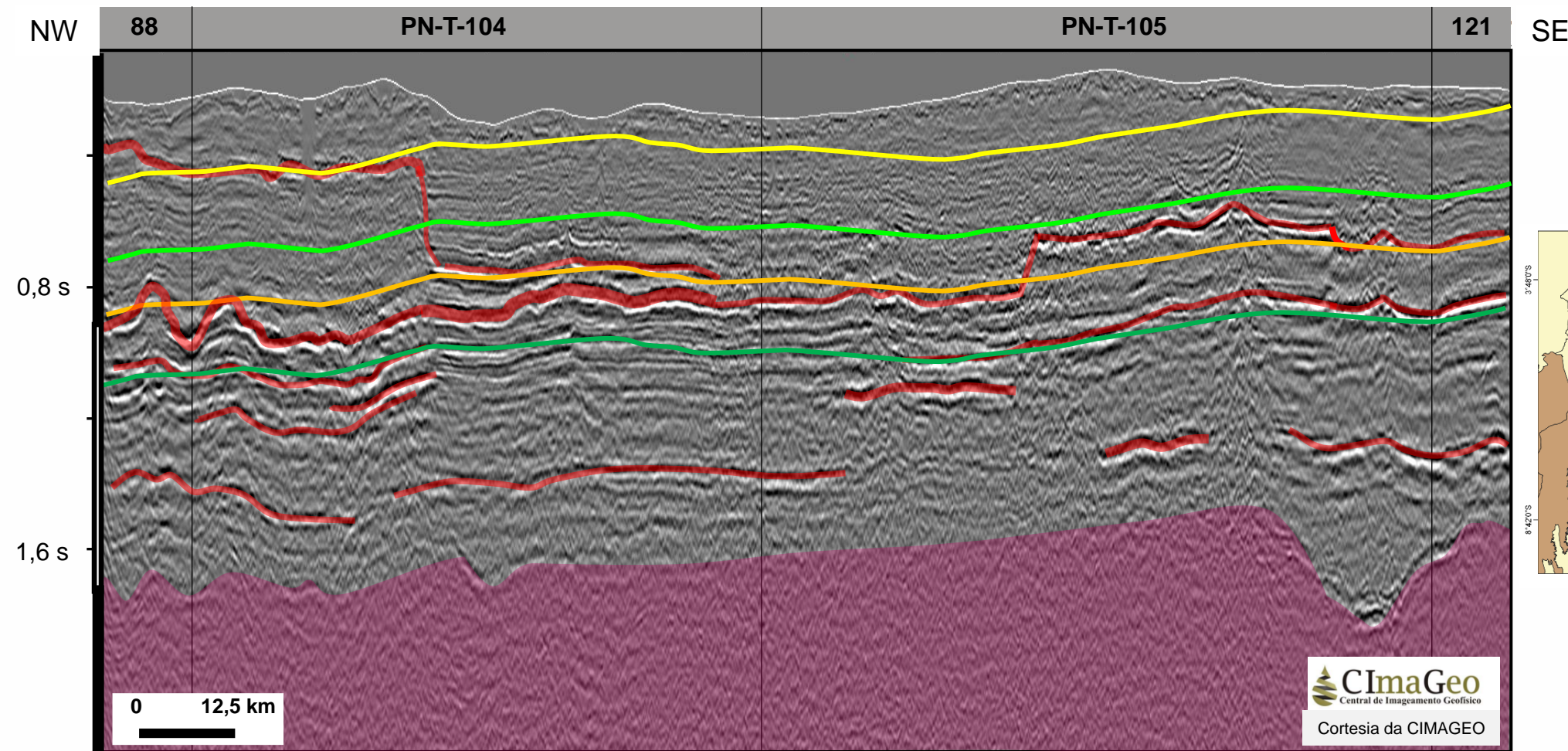


Bloco em Oferta

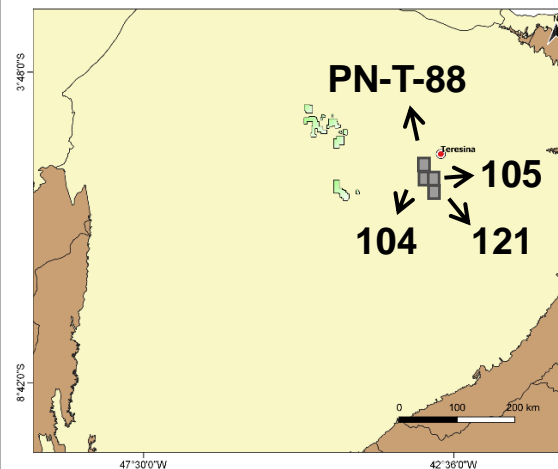


Linha 0317-0114 [0317_ANP_BACIA_DO_PARNAIBA]

BACIA DO PARNAÍBA



Bloco em Oferta



Linha 0317-0114 [0317_ANP_BACIA_DO_PARNAIBA]

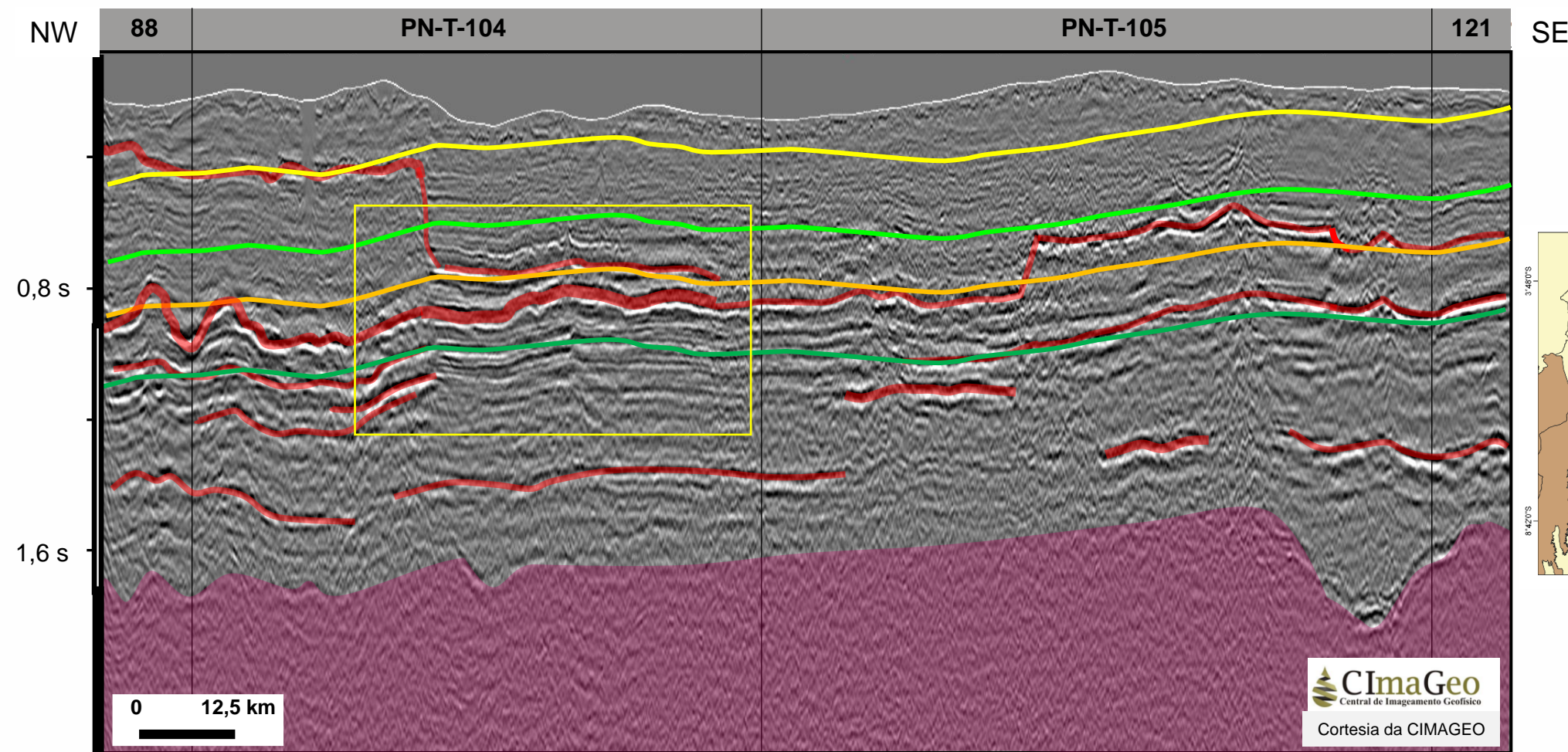
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Topo Fm Longá

Topo Fm Cabeças
Topo Fm Pimenteiras

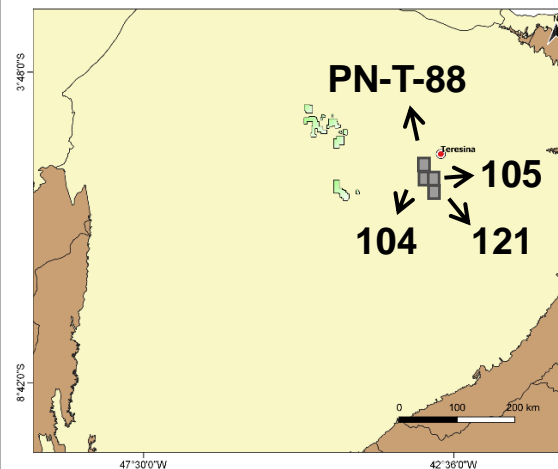
Soleira
Embasamento

Oportunidade Exploratória

BACIA DO PARNAÍBA



Bloco em Oferta



Linha 0317-0114 [0317_ANP_BACIA_DO_PARNAIBA]

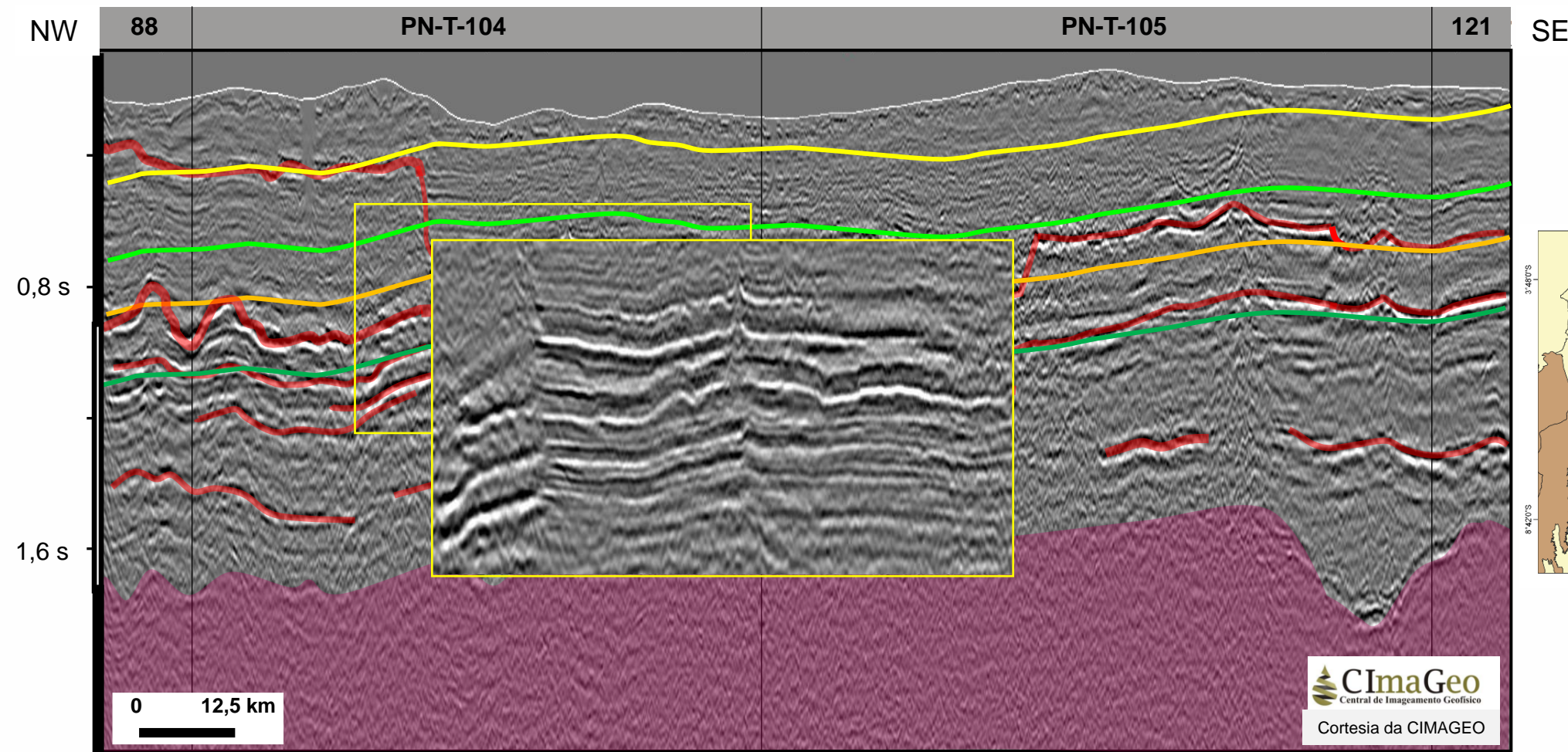
— Topo Fm Poti
— Topo Fm Longá

— Topo Fm Cabeças
— Topo Fm Pimenteiras

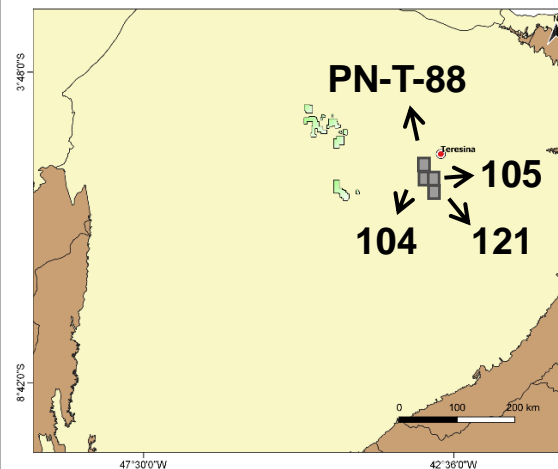
— Soleira
— Embasamento

● Oportunidade Exploratória

BACIA DO PARNAÍBA



Bloco em Oferta



Linha 0317-0114 [0317_ANP_BACIA_DO_PARNAIBA]

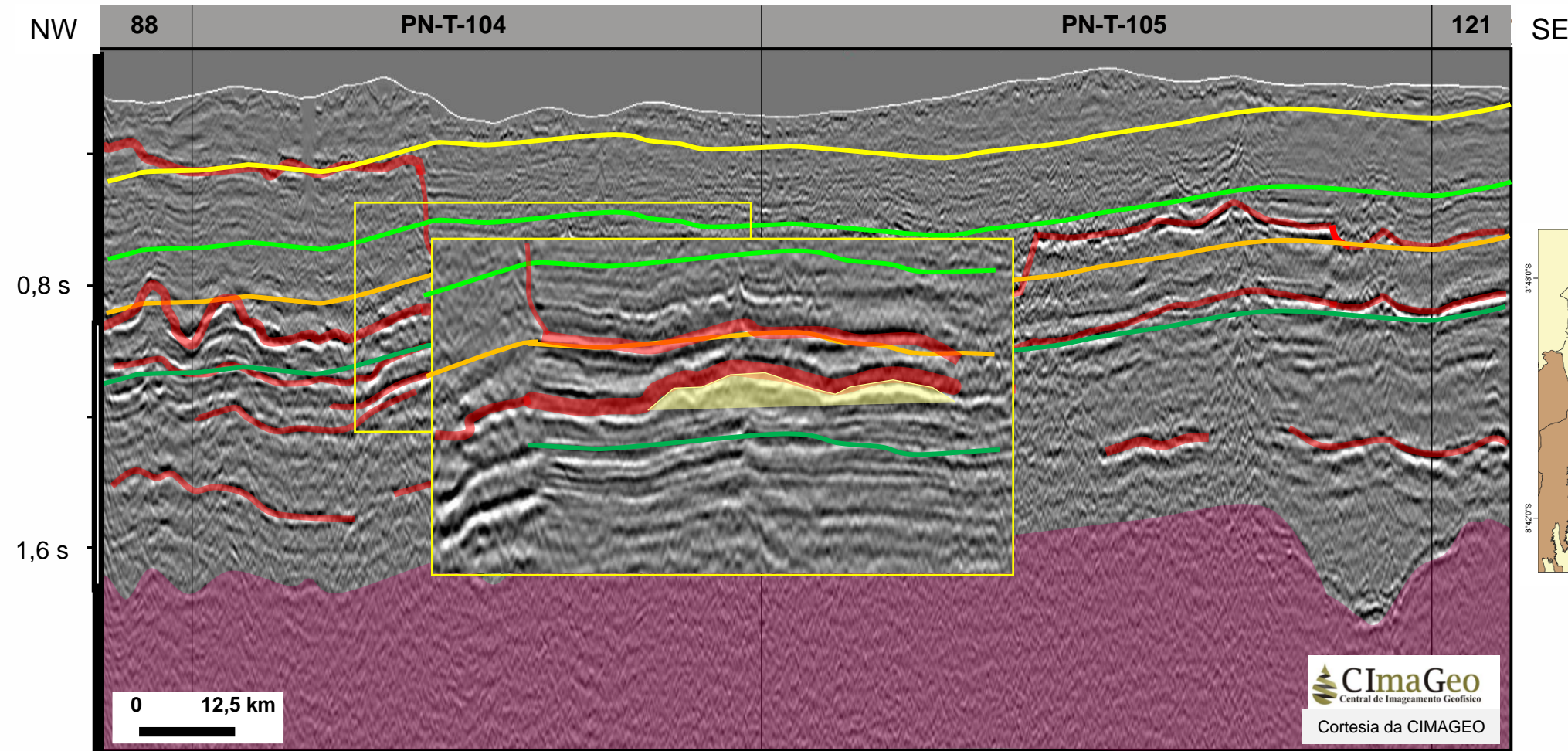
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Topo Fm Cabeças
Topo Fm Pimenteiras

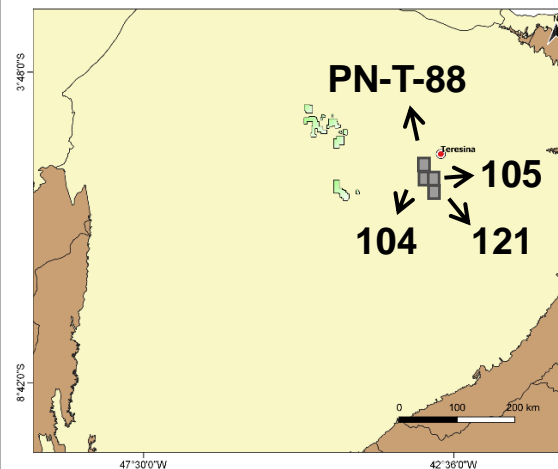
Soleira
Embasamento

Oportunidade Exploratória

BACIA DO PARNAÍBA



Bloco em Oferta



Linha 0317-0114 [0317_ANP_BACIA_DO_PARNAIBA]

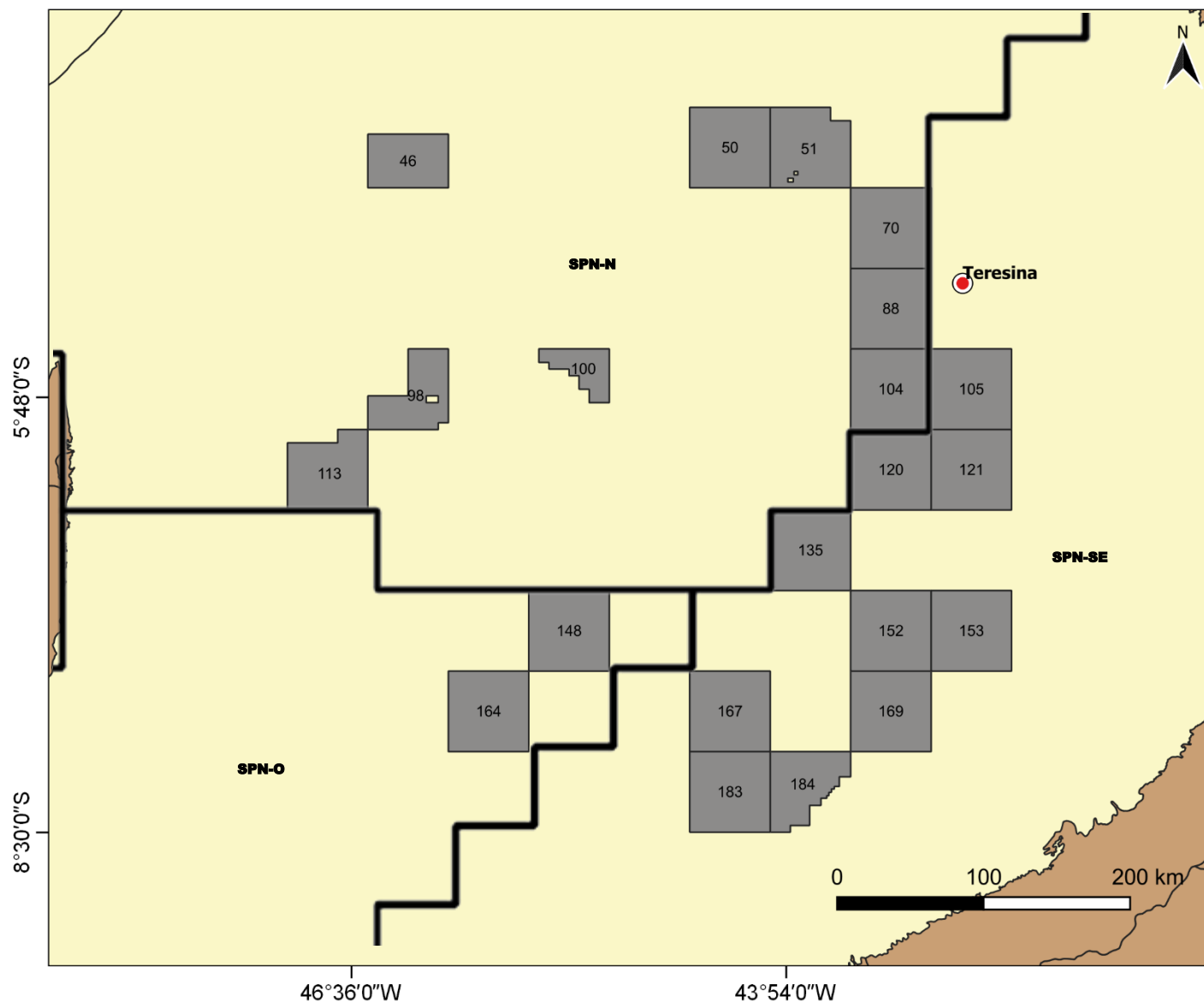
Topo Fm Poti
Topo Fm Longá

Topo Fm Cabeças
Topo Fm Pimenteiras

Soleira
Embasamento

Oportunidade Exploratória

BACIA DO PARNAÍBA



21 Blocos em Oferta

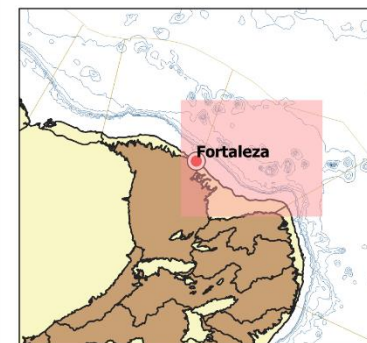
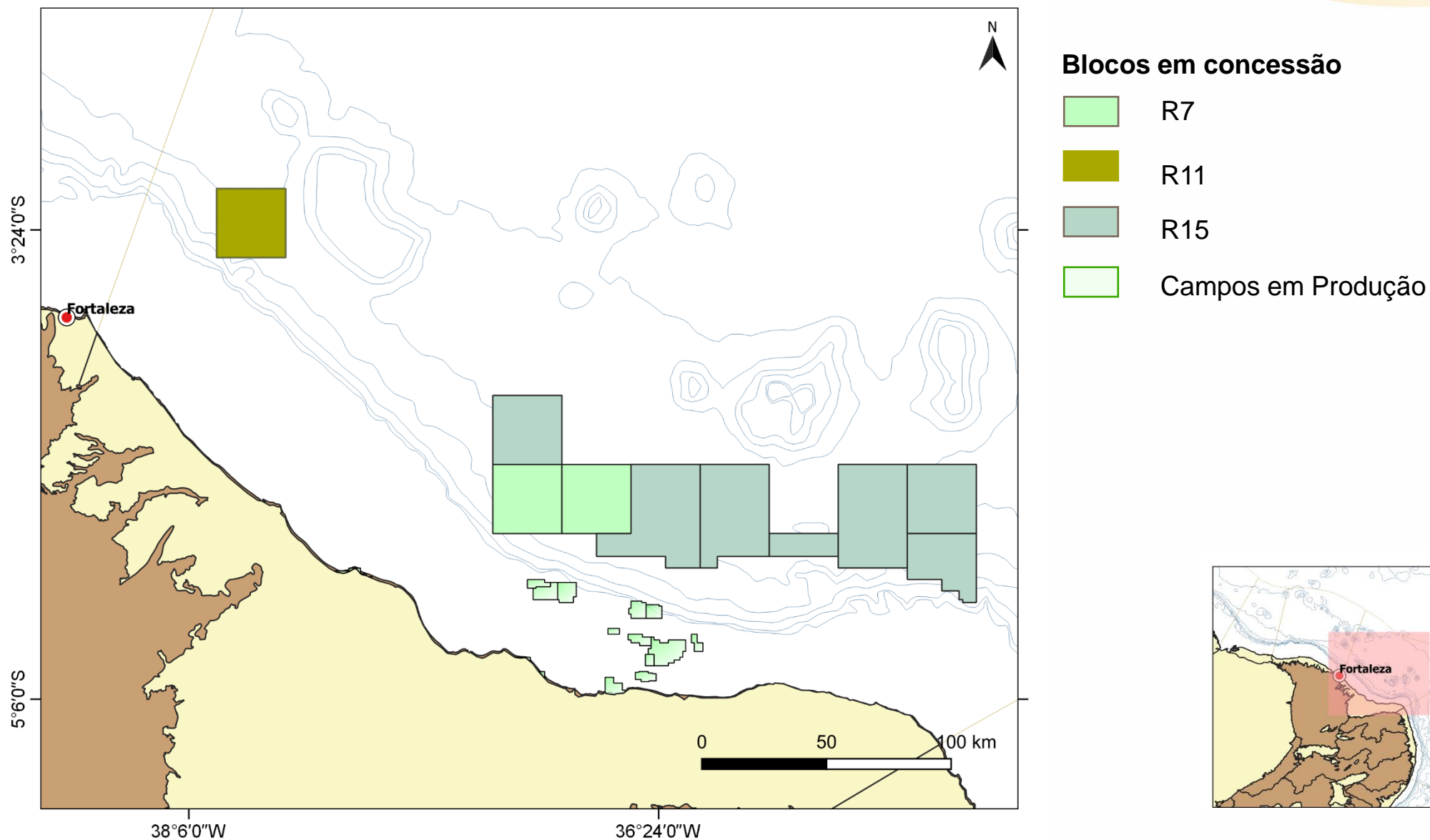


Bacias Marinhas

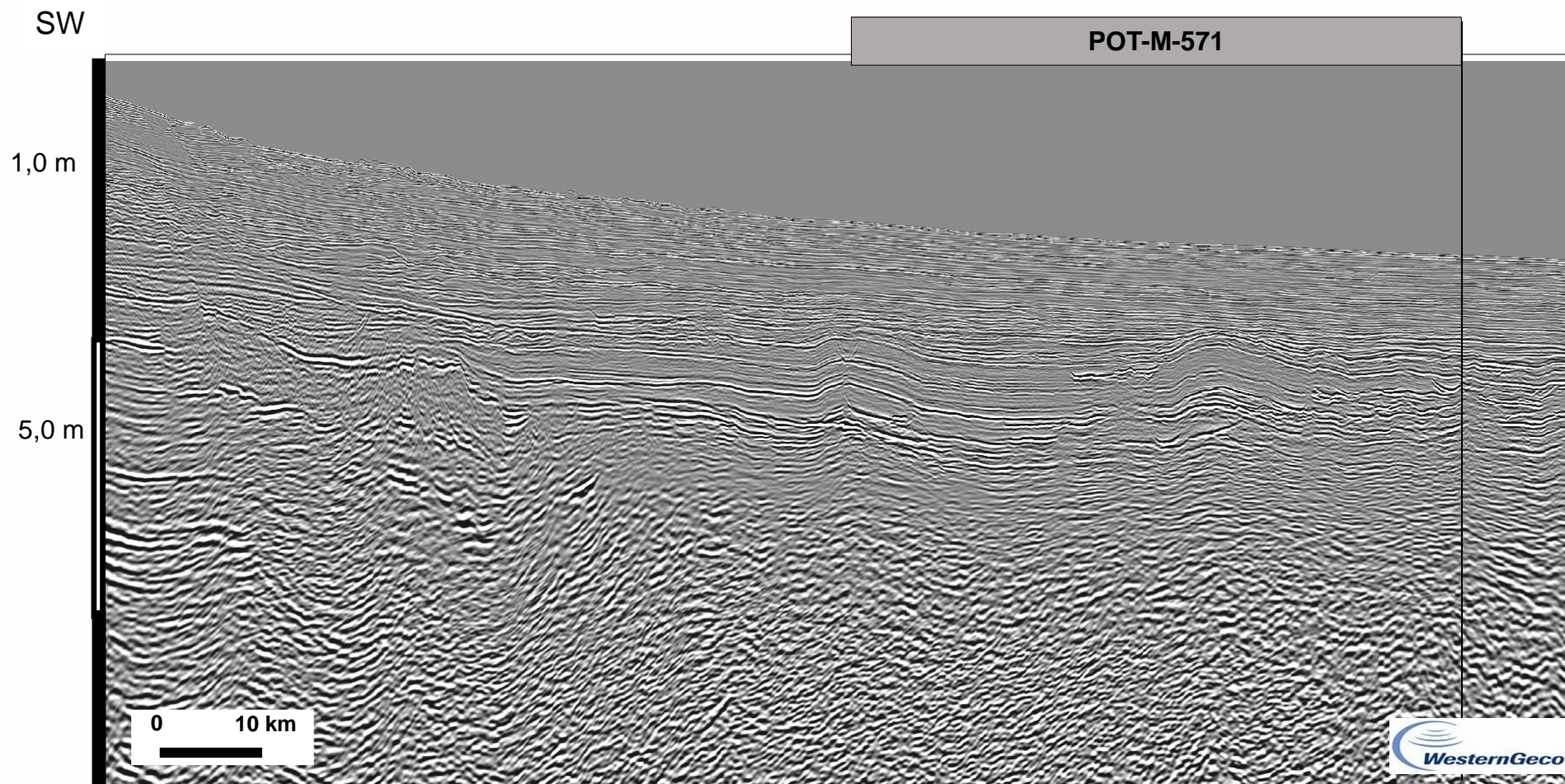
Pós-Sal e Pré-Sal



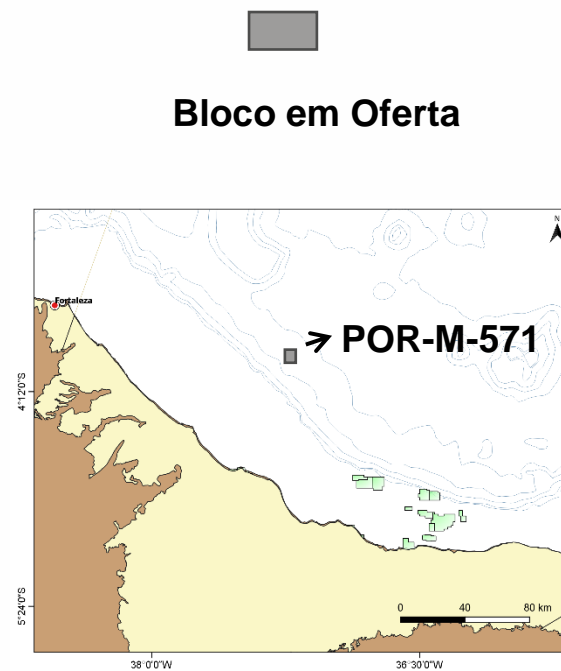
BACIA DO POTIGUAR - OFFSHORE



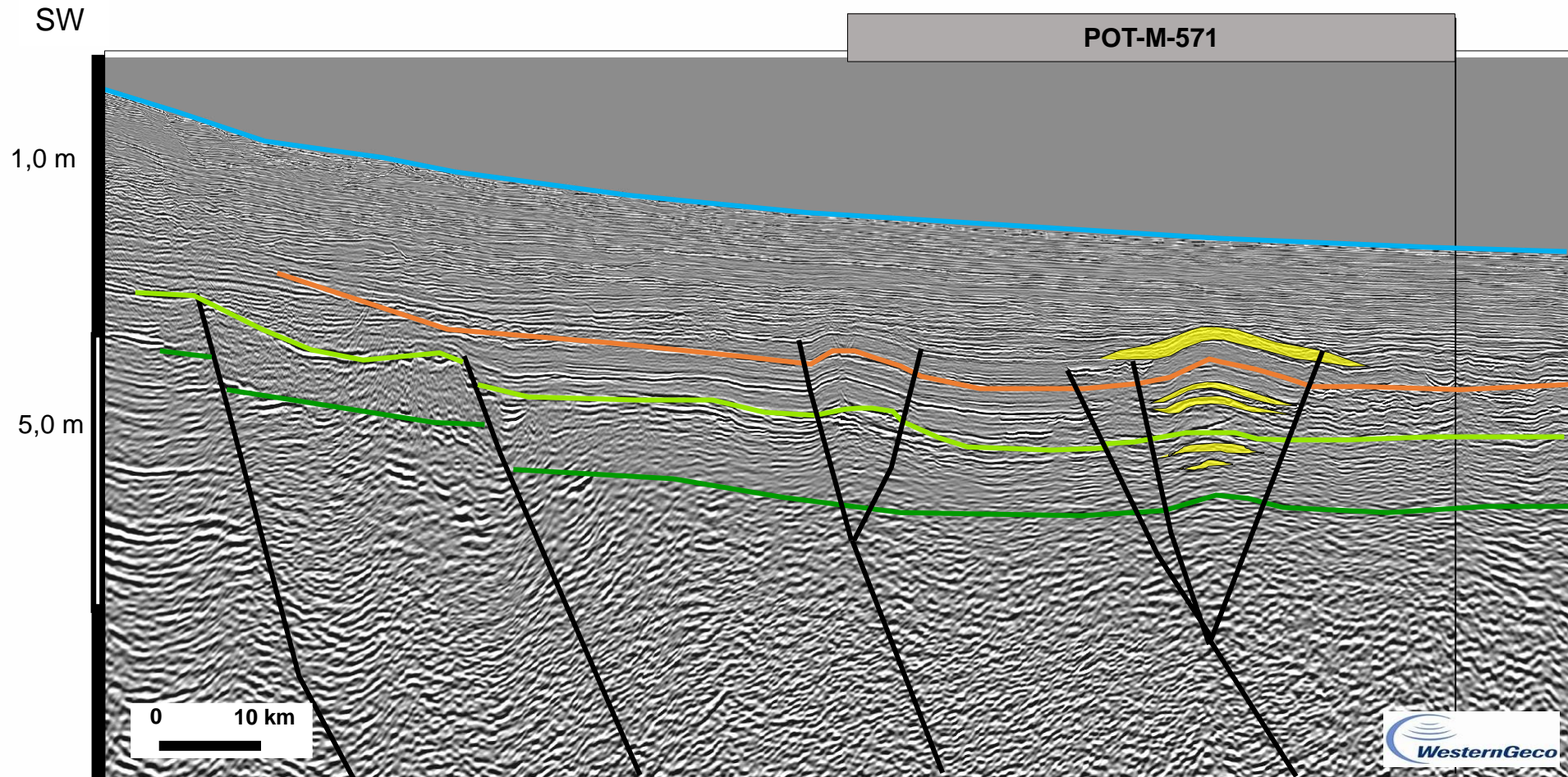
BACIA DO POTIGUAR - OFFSHORE



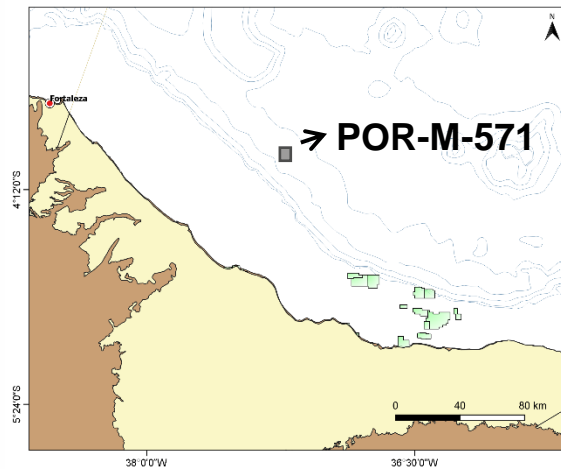
Linha 0258-6273 [R0258_2D_SPEC_PSDM_TTI_BM_POT]



BACIA DO POTIGUAR - OFFSHORE



Bloco em Oferta



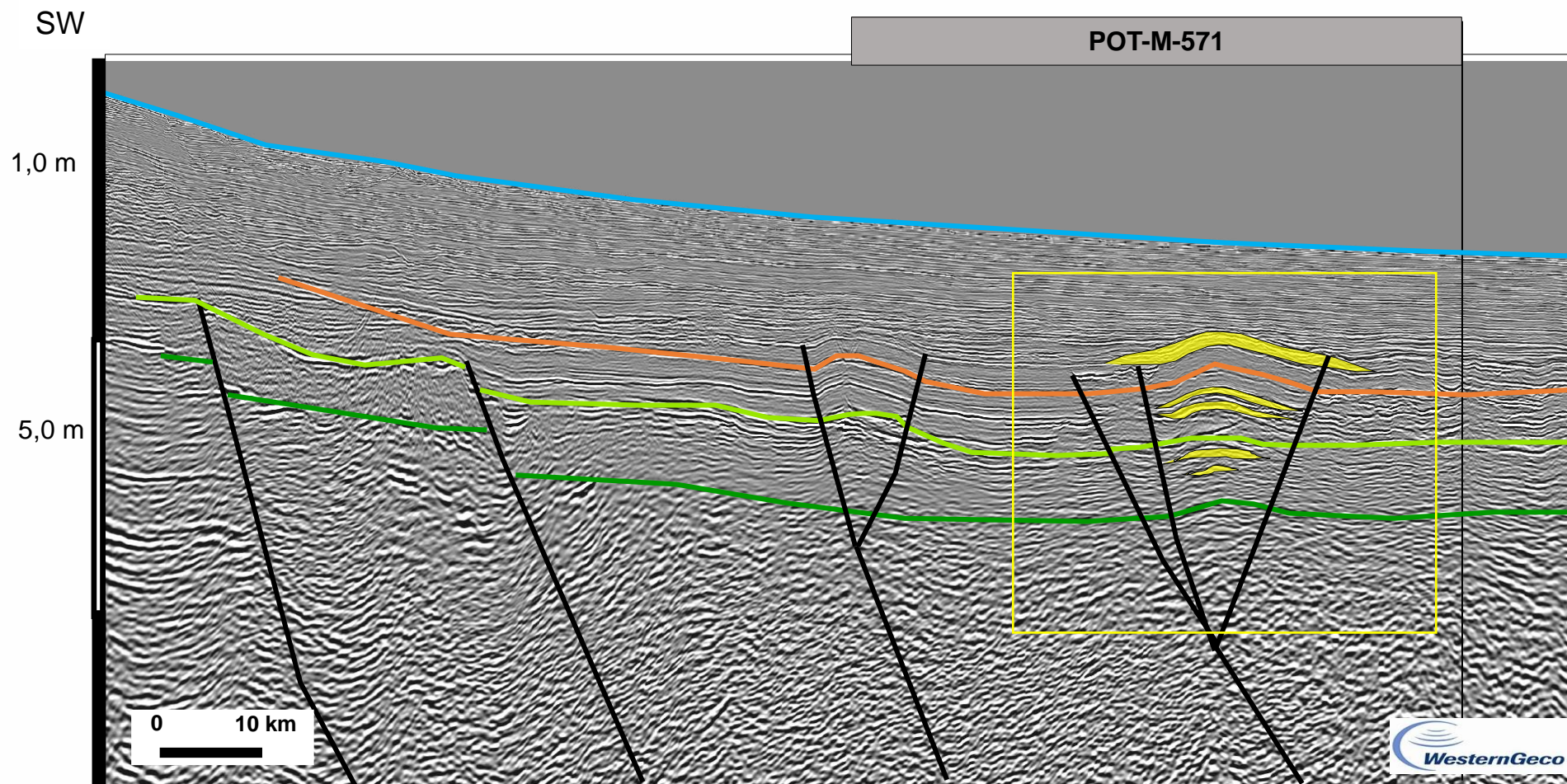
Linha 0258-6273 [R0258_2D_SPEC_PSDM_TTI_BM_POT]

— Fundo do mar
— Topo Fm Quebradas

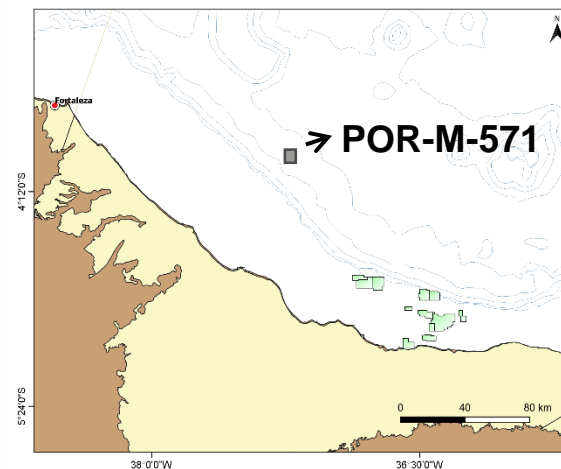
— Topo Fm Alagamar
— Topo Fm Pescada

● Oportunidade Exploratória

BACIA DO POTIGUAR - OFFSHORE



Bloco em Oferta



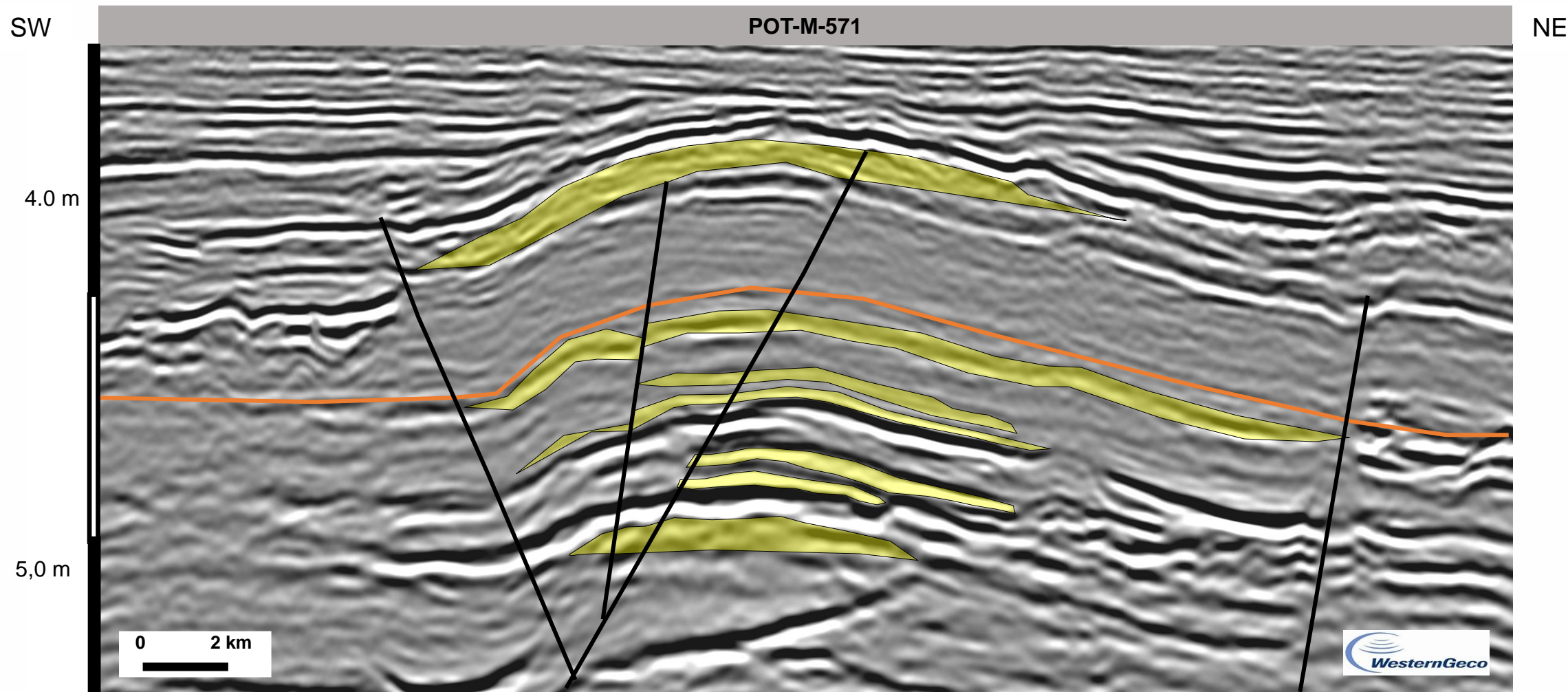
Linha 0258-6273 [R0258_2D_SPEC_PSDM_TTI_BM_POT]

— Fundo do mar
— Topo Fm Quebradas

— Topo Fm Alagamar
— Topo Fm Pescada

● Oportunidade Exploratória

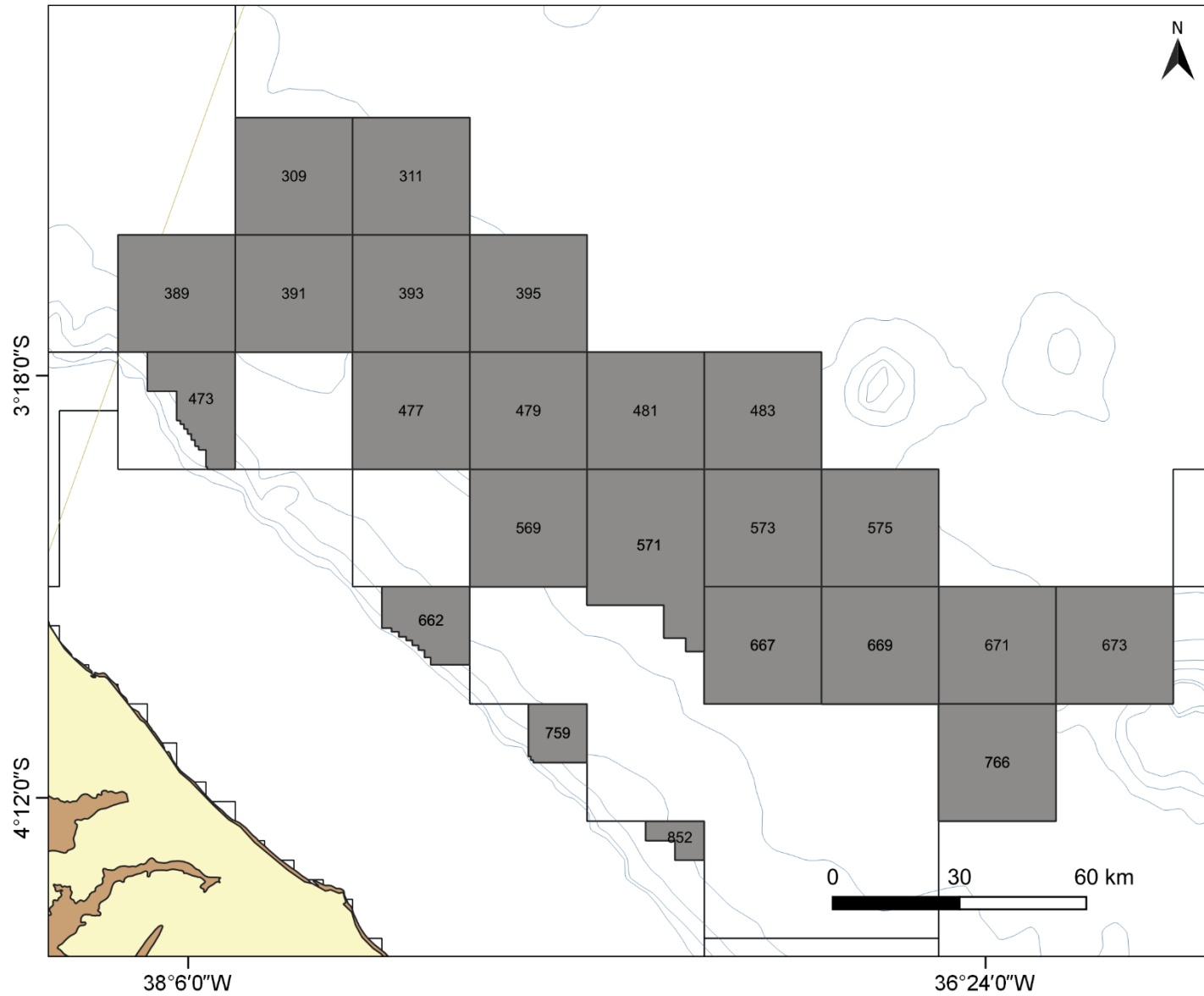
BACIA DO POTIGUAR - OFFSHORE



Linha 0258-6273 [R0258_2D_SPEC_PSDM_TTI_BM_POT]

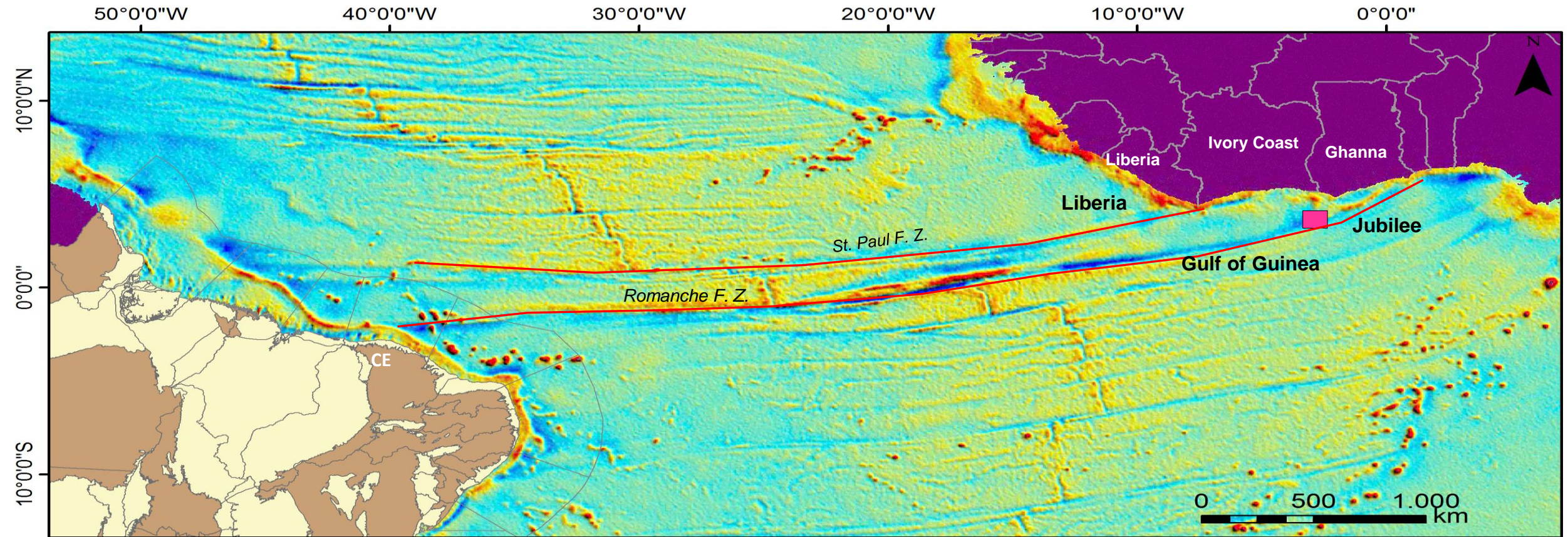
— Topo Fm Quebradas ● Oportunidade Exploratória

BACIA DO POTIGUAR - OFFSHORE

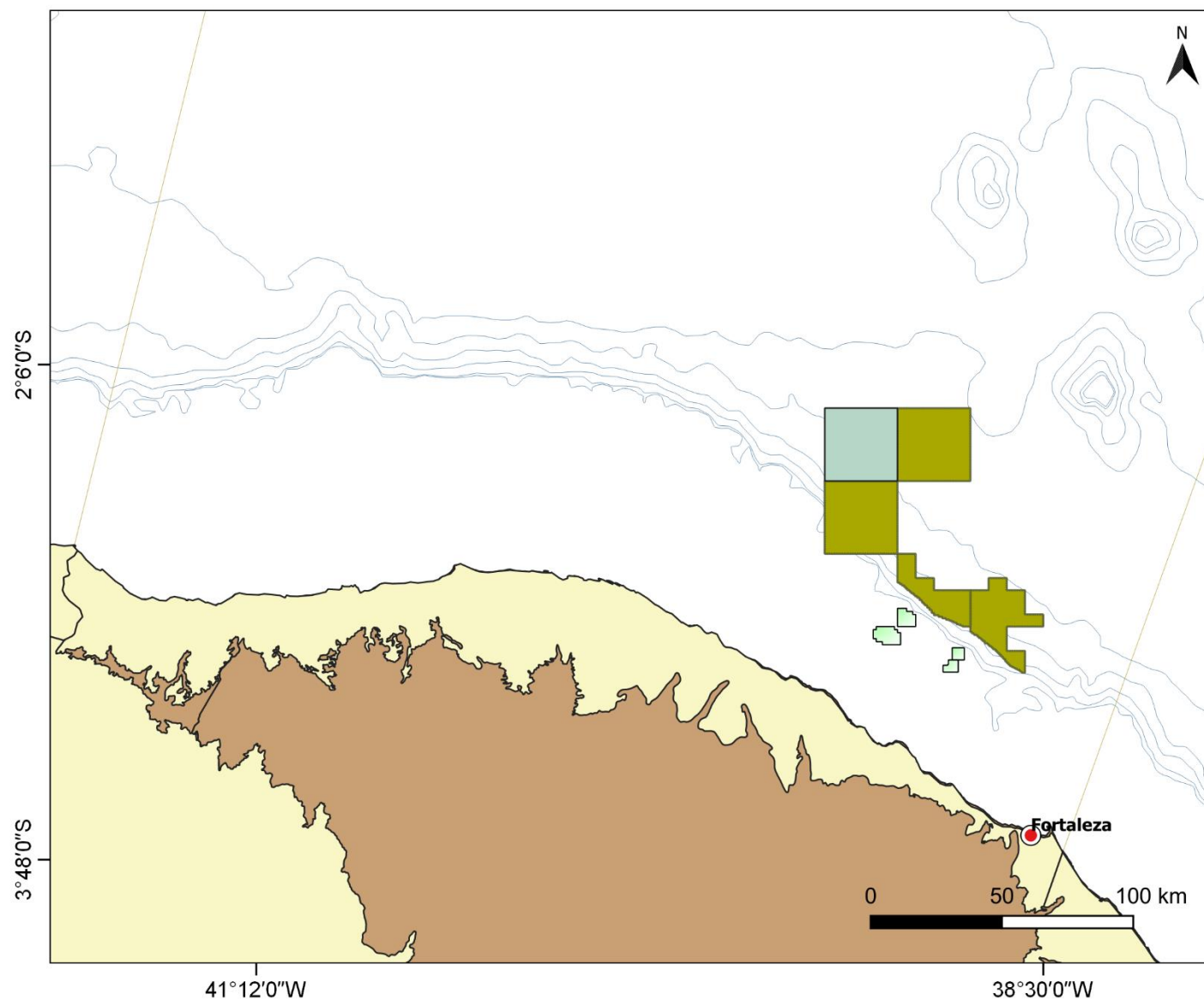


23 Blocos em Oferta

BACIA DO CEARÁ - OFFSHORE

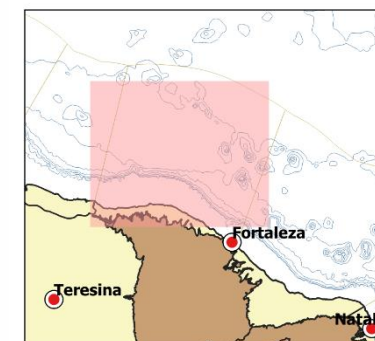


BACIA DO CEARÁ - OFFSHORE

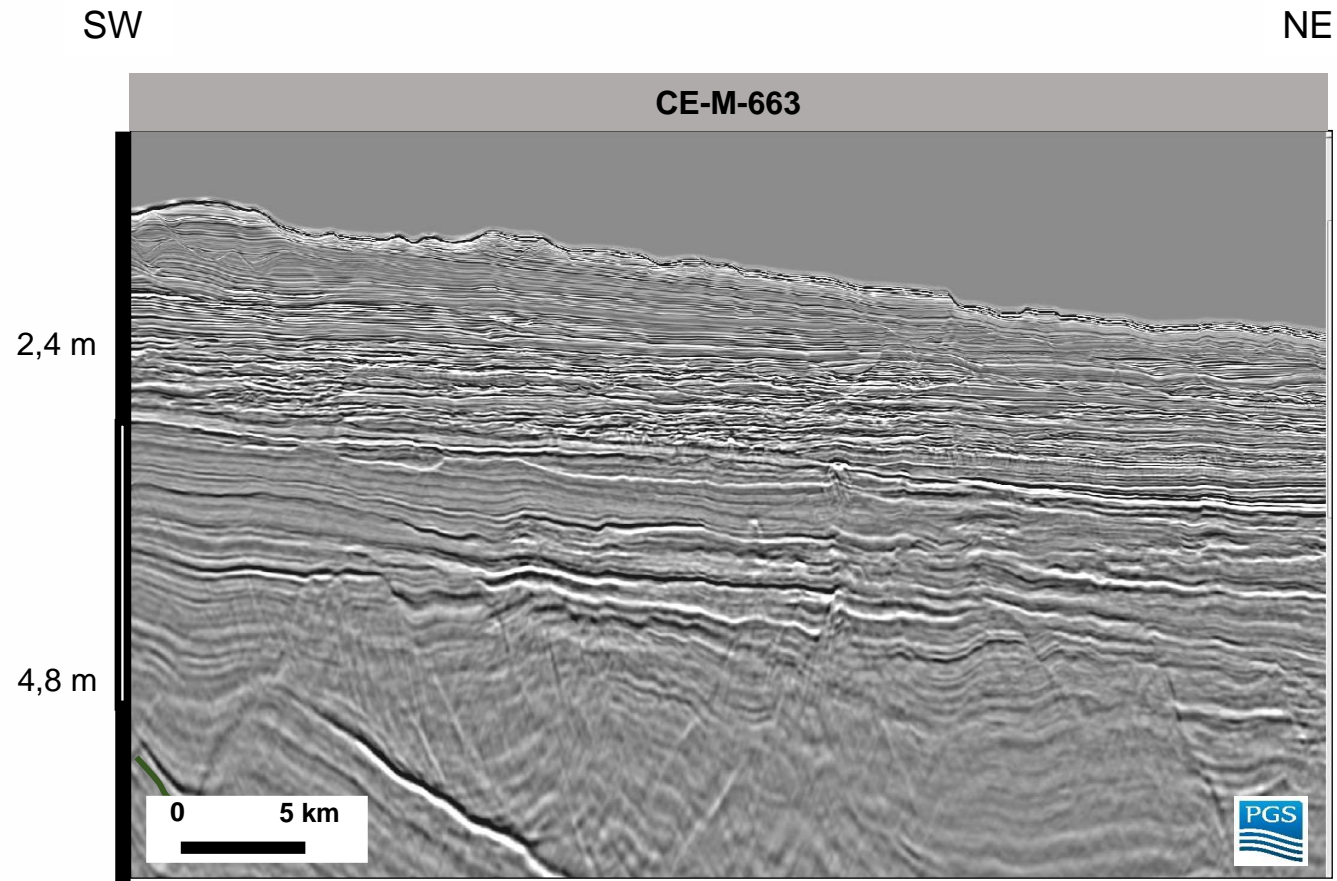


Blocos em concessão

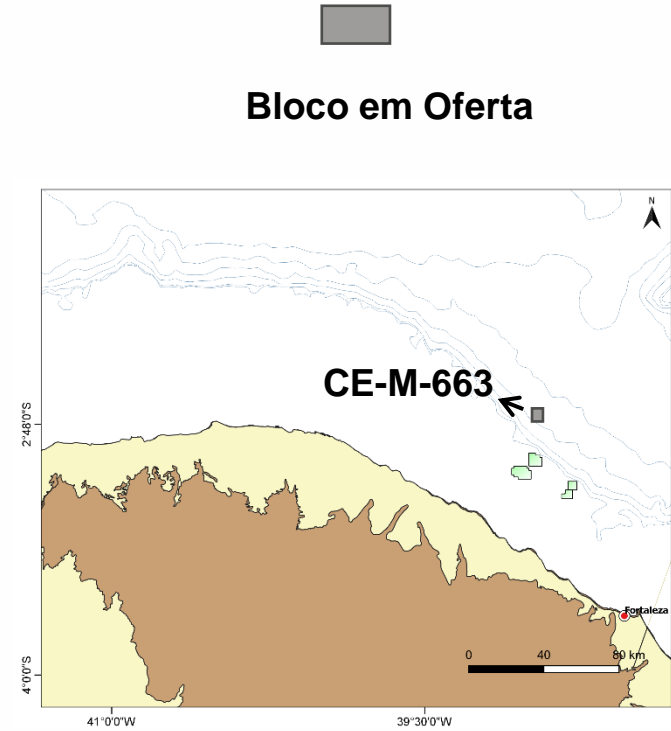
- R11
- R15
- Campos em Produção



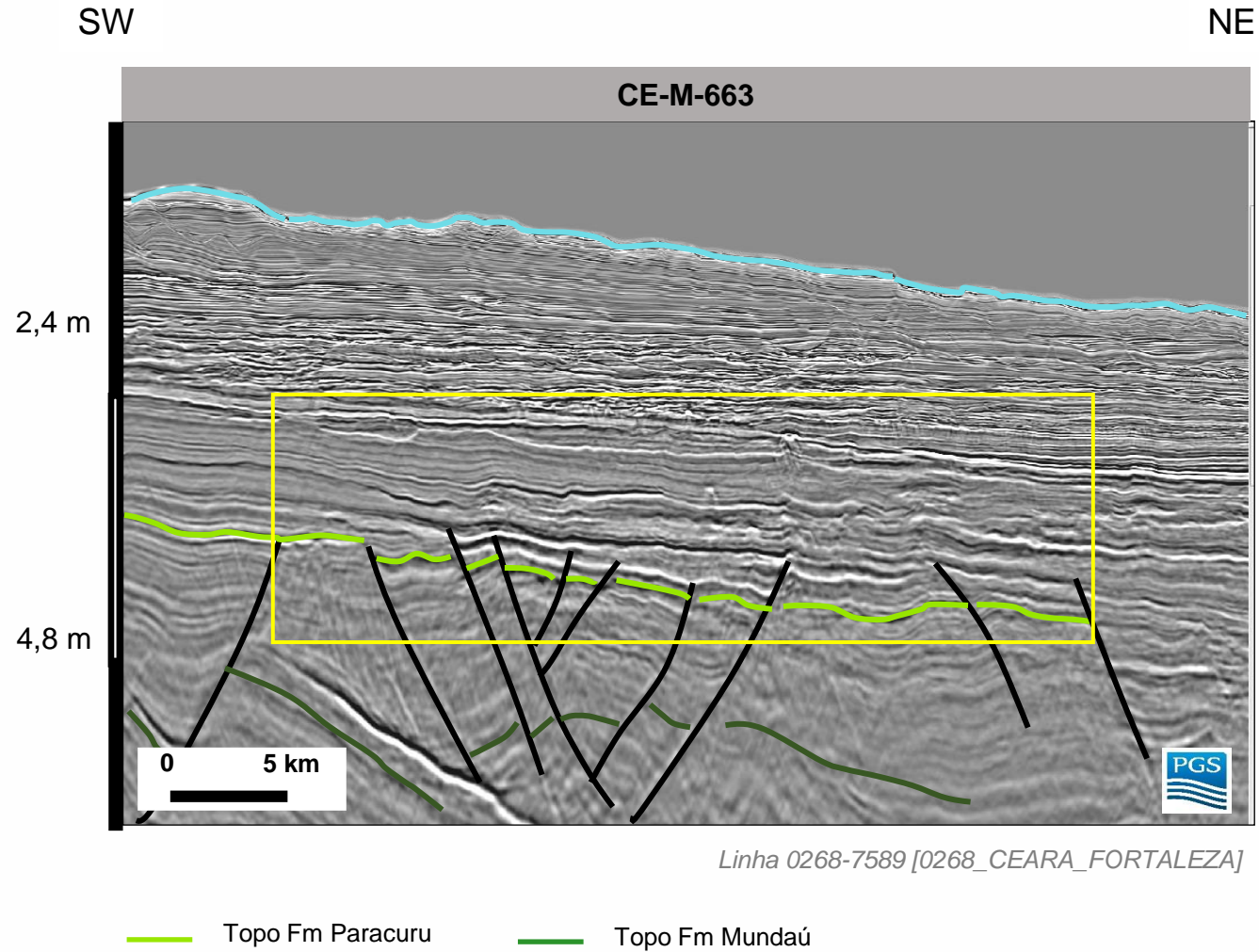
BACIA DO CEARÁ - OFFSHORE



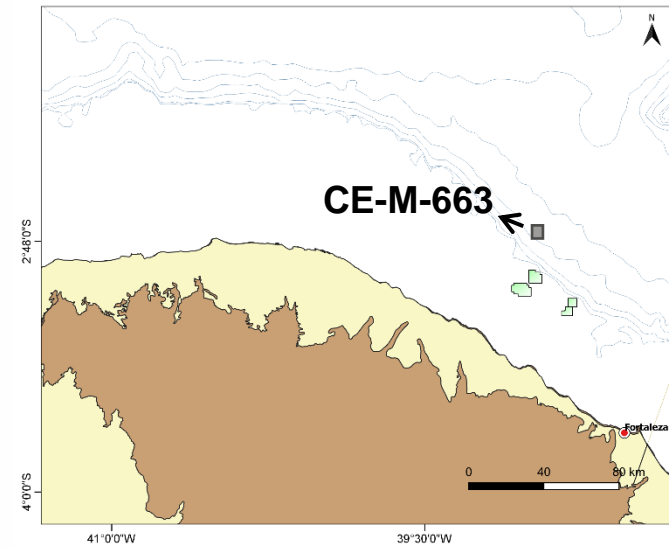
Linha 0268-7589 [0268_CEARA_FORTALEZA]



BACIA DO CEARÁ - OFFSHORE



Bloco em Oferta

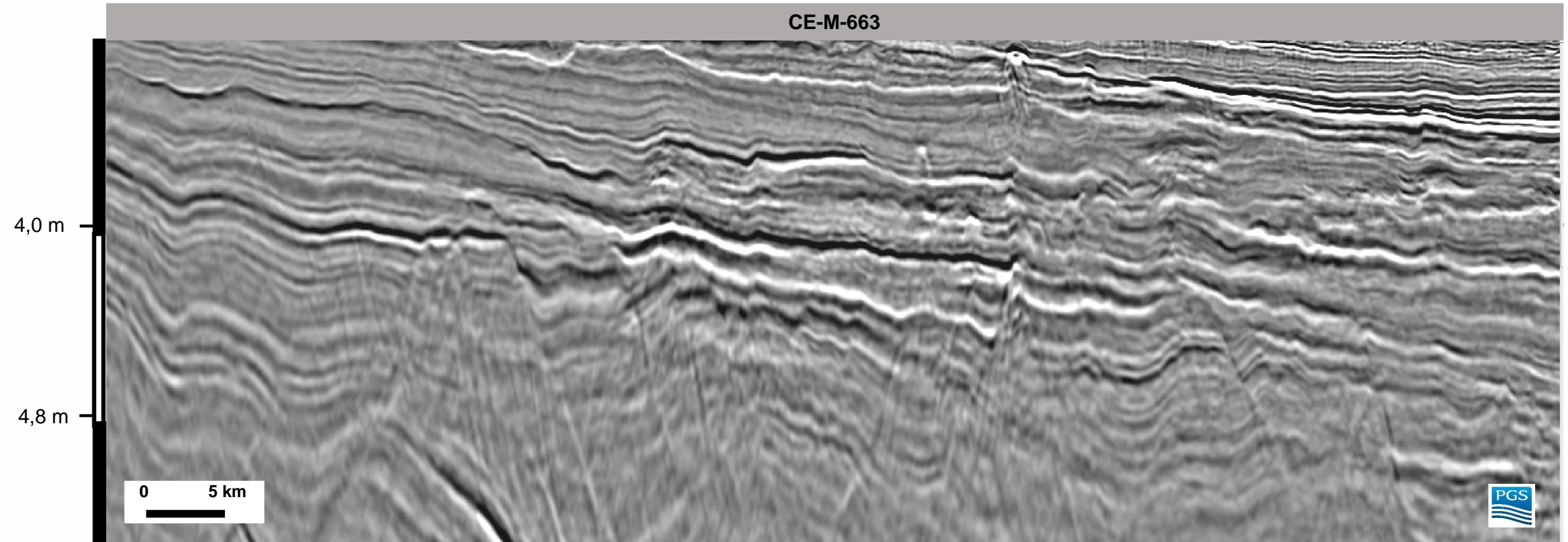


BACIA DO CEARÁ - OFFSHORE

SW

NE

CE-M-663



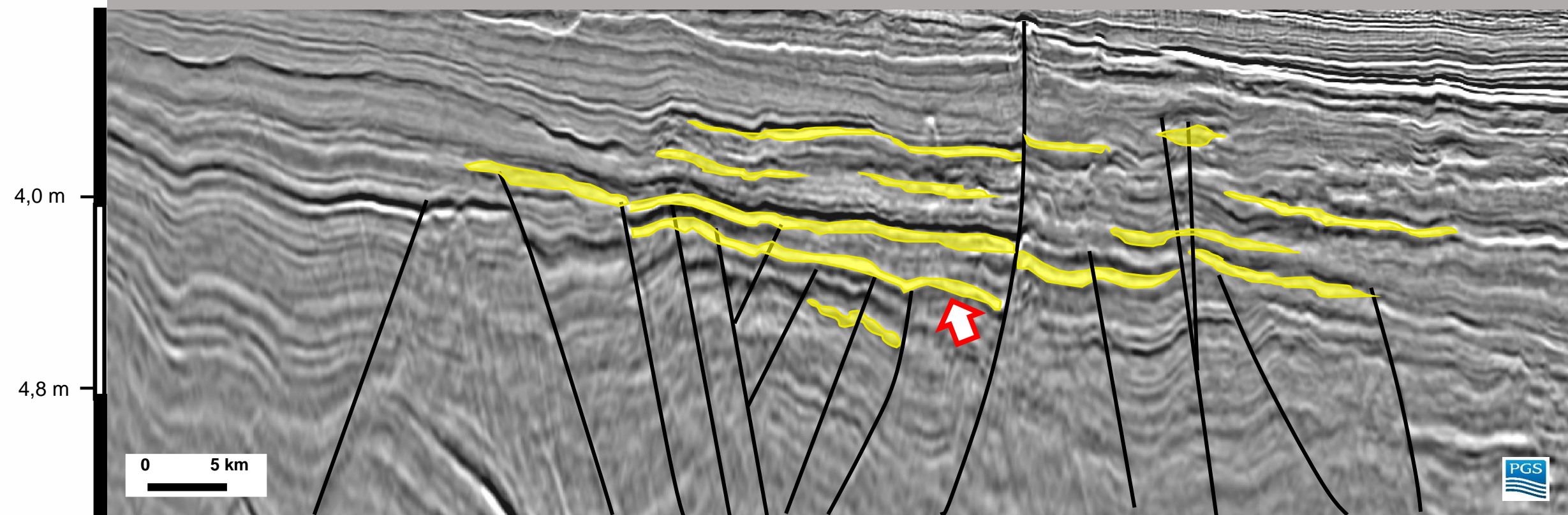
Linha 0268-7589 [0268_CEARA_FORTALEZA]

BACIA DO CEARÁ - OFFSHORE

SW

NE

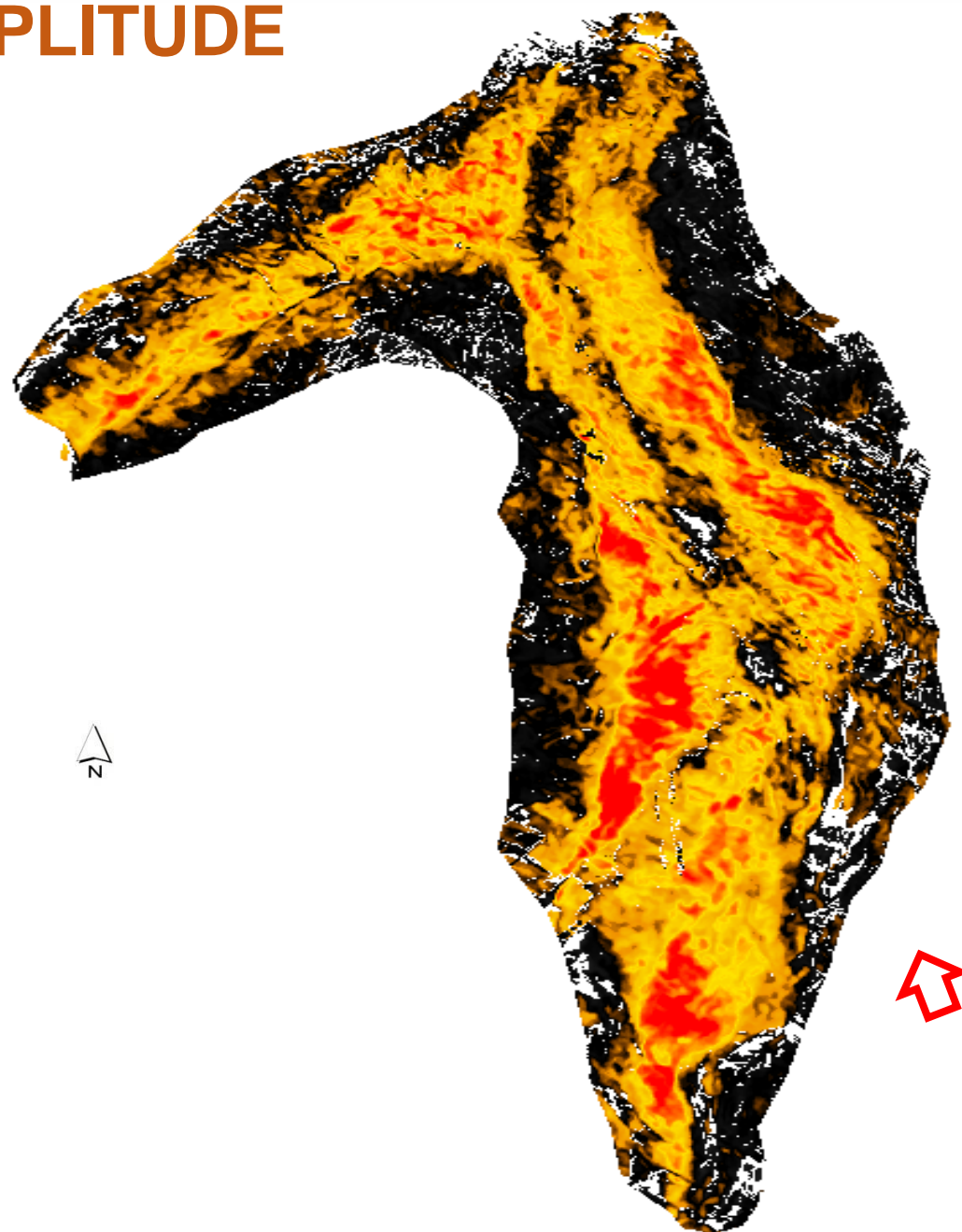
CE-M-663



Linha 0268-7589 [0268_CEARA_FORTALEZA]

● Oportunidade Exploratória

MAPA DE AMPLITUDE



Amplitude

0

Max. Negativa

BACIA DO CEARÁ - OFFSHORE

SW

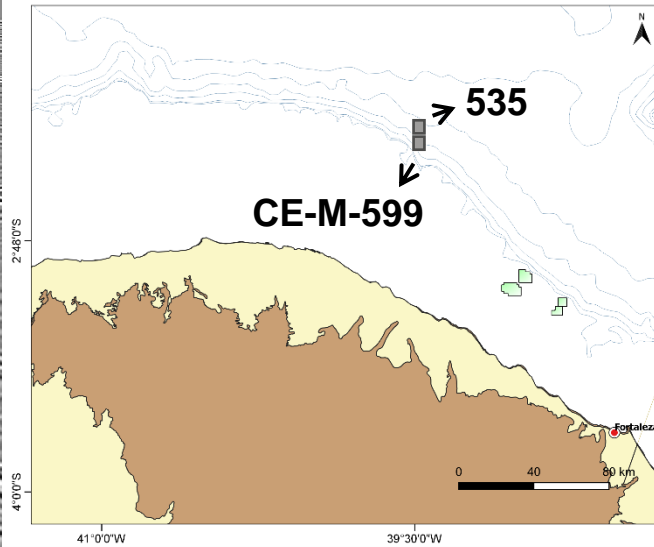
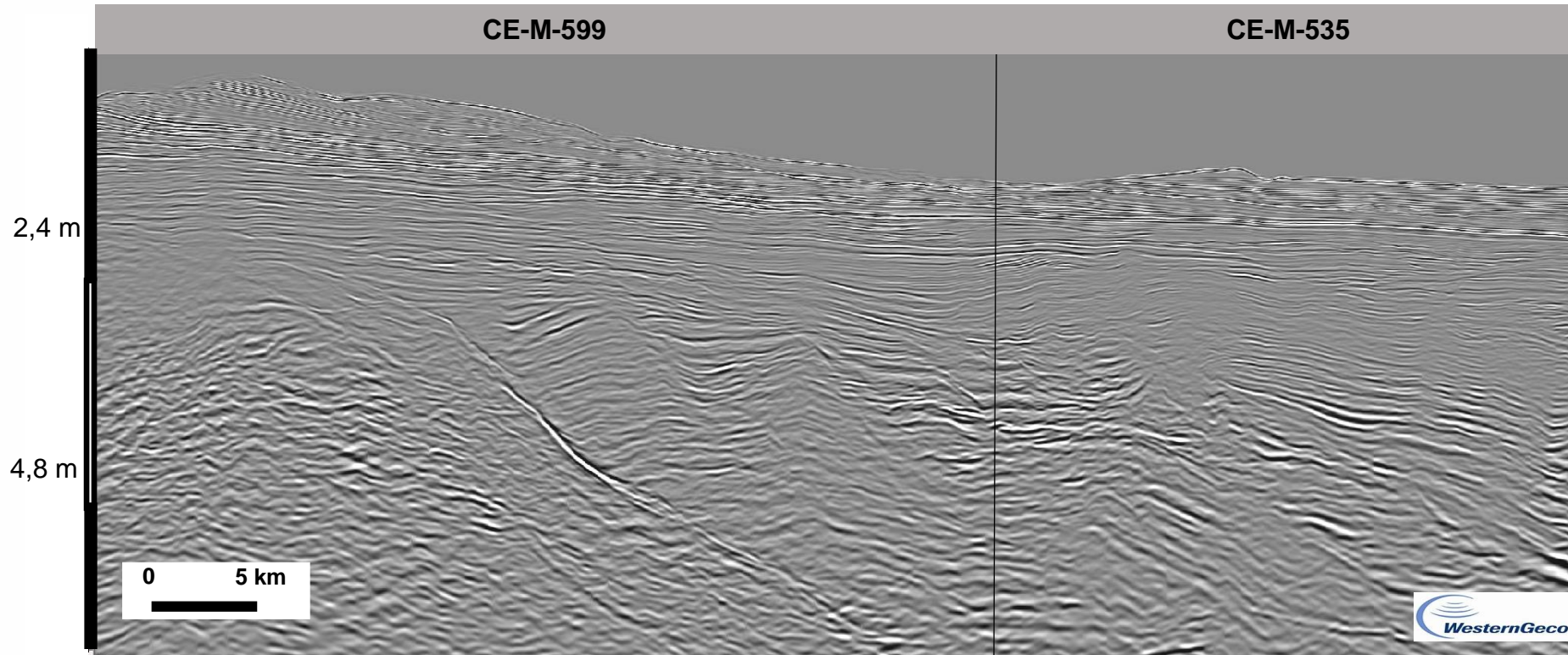
NE

CE-M-599

CE-M-535

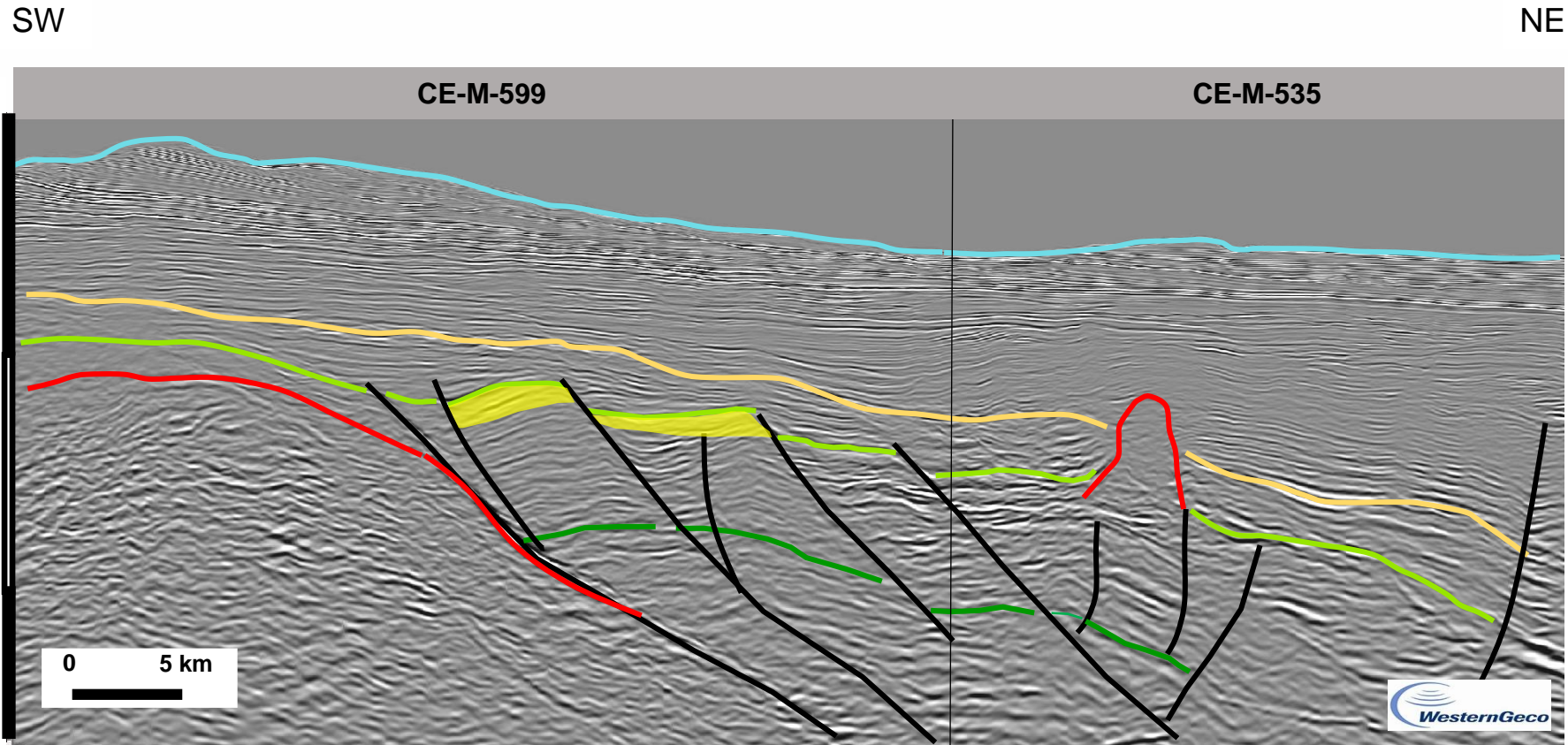


Bloco em Oferta



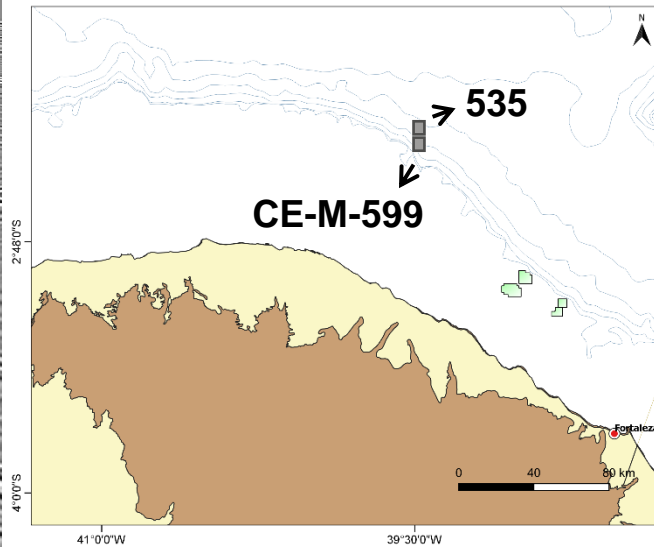
Linha 0258-5955 [R0268_2D_SPEC_PSDM_TTI_BM_POT_KPSDM]

BACIA DO CEARÁ - OFFSHORE



Linha 0258-5955 [R0268_2D_SPEC_PSDM_TTI_BM_POT_KPSDM]

Bloco em Oferta



Discordância Albo-Cenomaniano

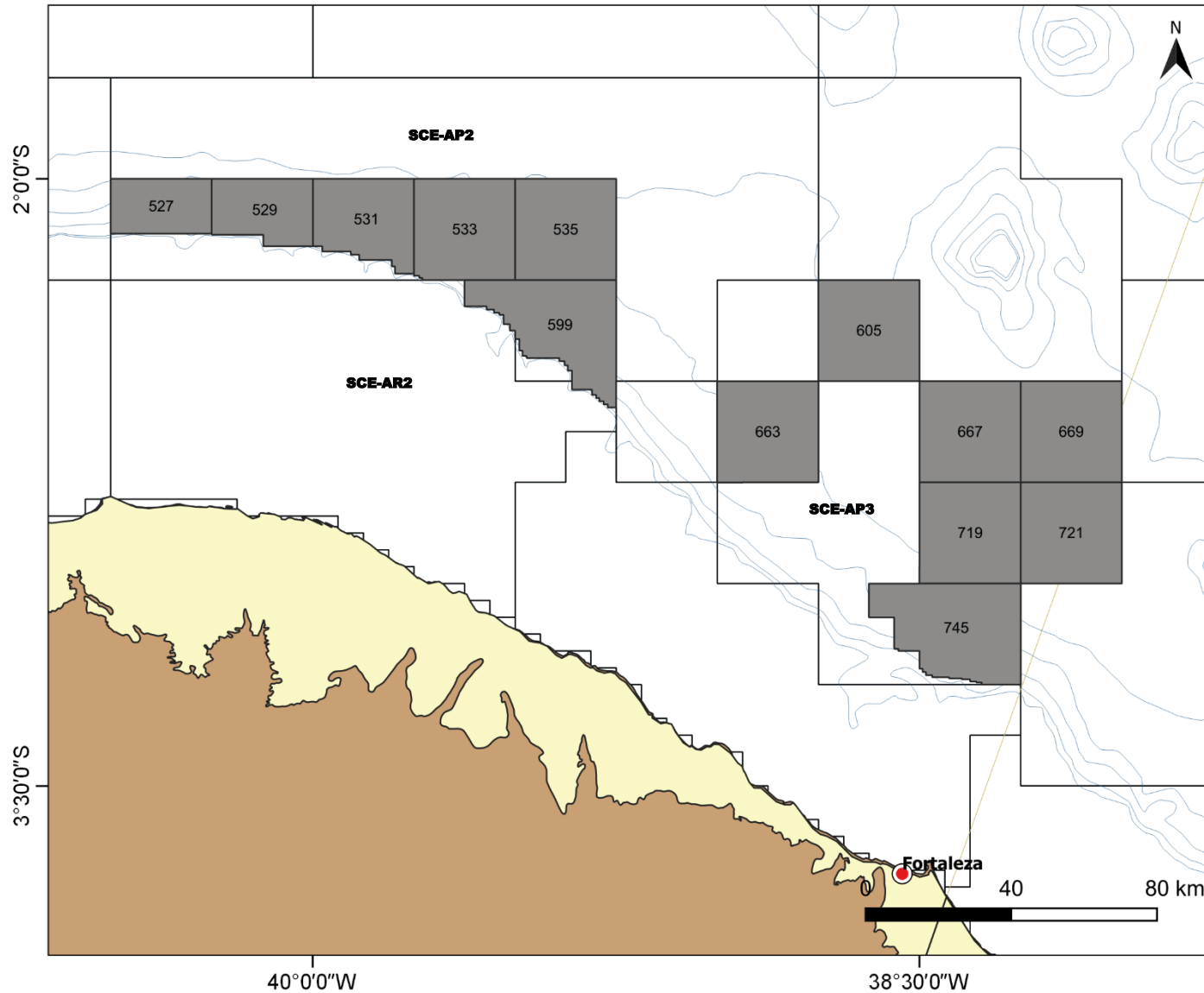
Topo Fm Paracuru

Topo Fm Mundaú

Rochas Vulcânicas

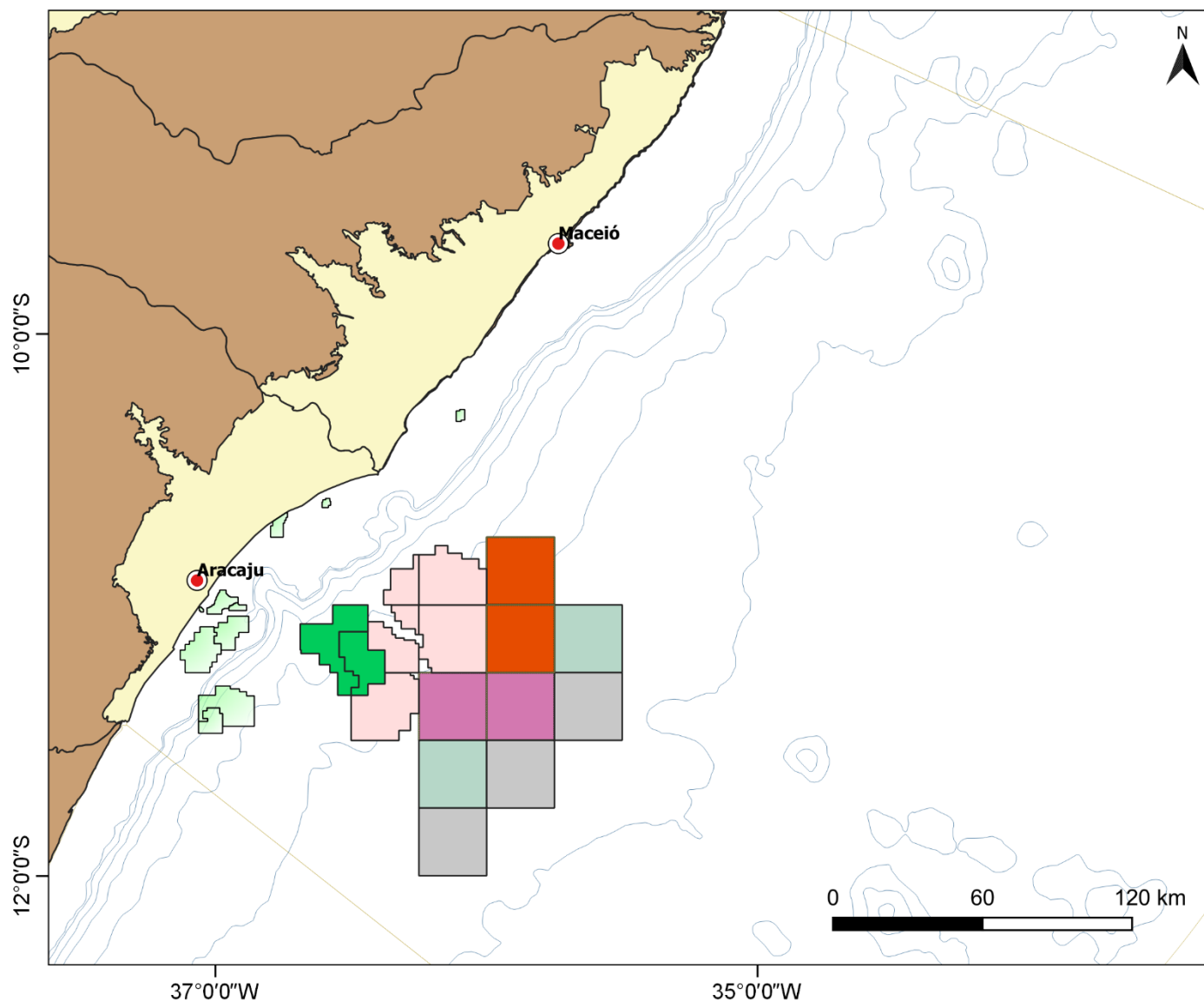
Oportunidade Exploratória

BACIA DO CEARÁ - OFFSHORE



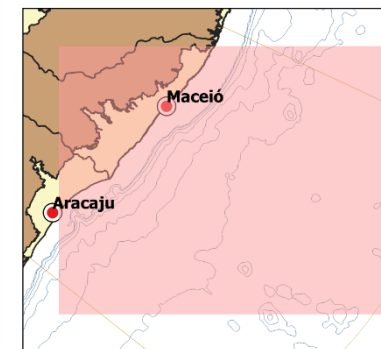
13 Blocos em Oferta

BACIA DE SERGIPE-ALAGOAS - OFFSHORE



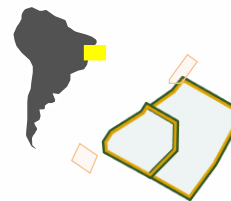
Blocos em concessão

- R2
- R6
- R13
- R14
- R15
- 1º Ciclo Oferta Permanente
- Campos em Produção



BACIA DE SERGIPE-ALAGOAS - OFFSHORE

AREA CONCEDIDA



Descoberta

Descoberta

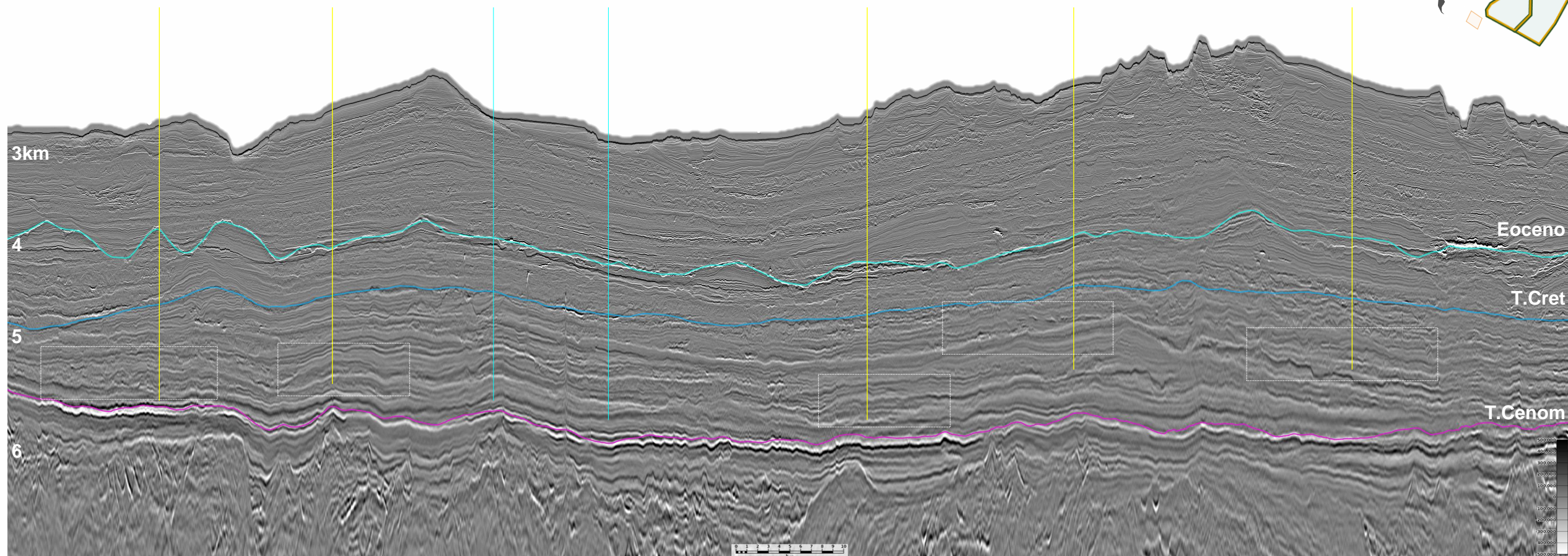
Seco

Seco

Descoberta

Descoberta

Descoberta

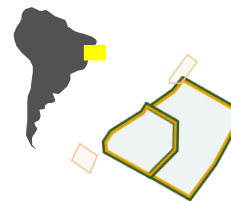


NEAR STACK

R0014_BM_SEAL_4_10_11_PSDM – Cortesia da PGS

BACIA DE SERGIPE-ALAGOAS - OFFSHORE

AREA CONCEDIDA



Descoberta

Descoberta

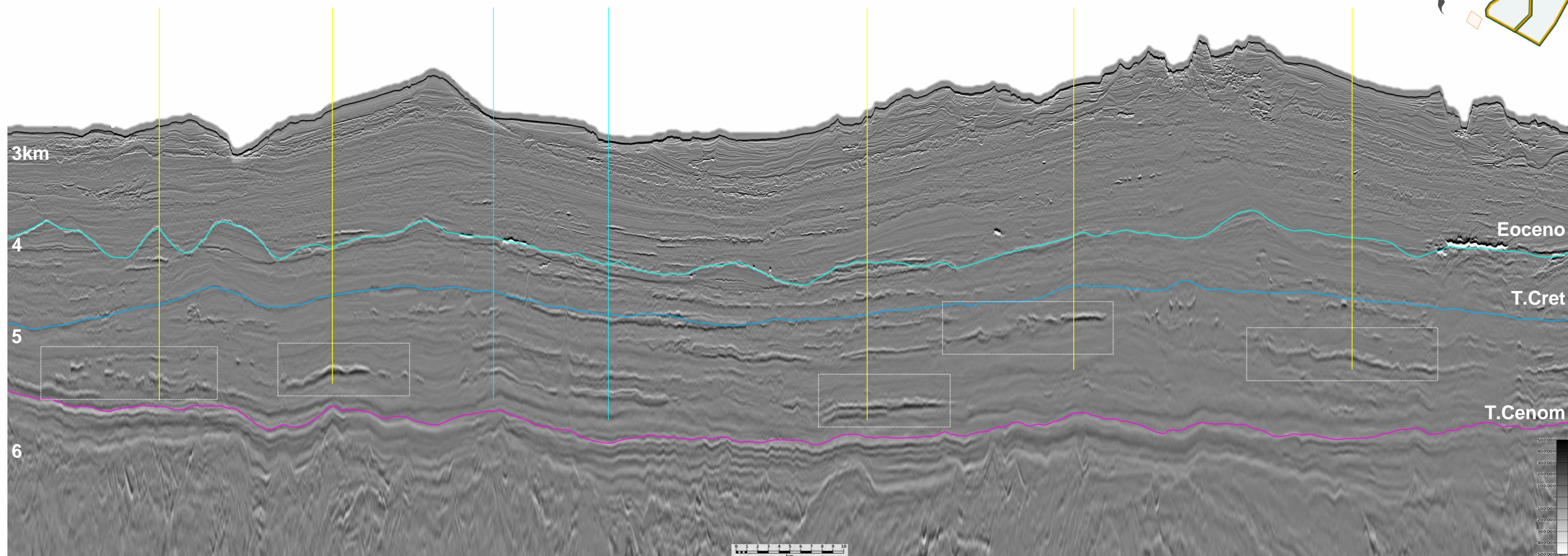
Seco

Seco

Descoberta

Descoberta

Descoberta



ULTRA-FAR STACK

R0014_BM_SEAL_4_10_11_PSDM – Cortesia da PGS

BACIA DE SERGIPE-ALAGOAS - OFFSHORE

AREA CONCEDIDA

Descoberta

Descoberta

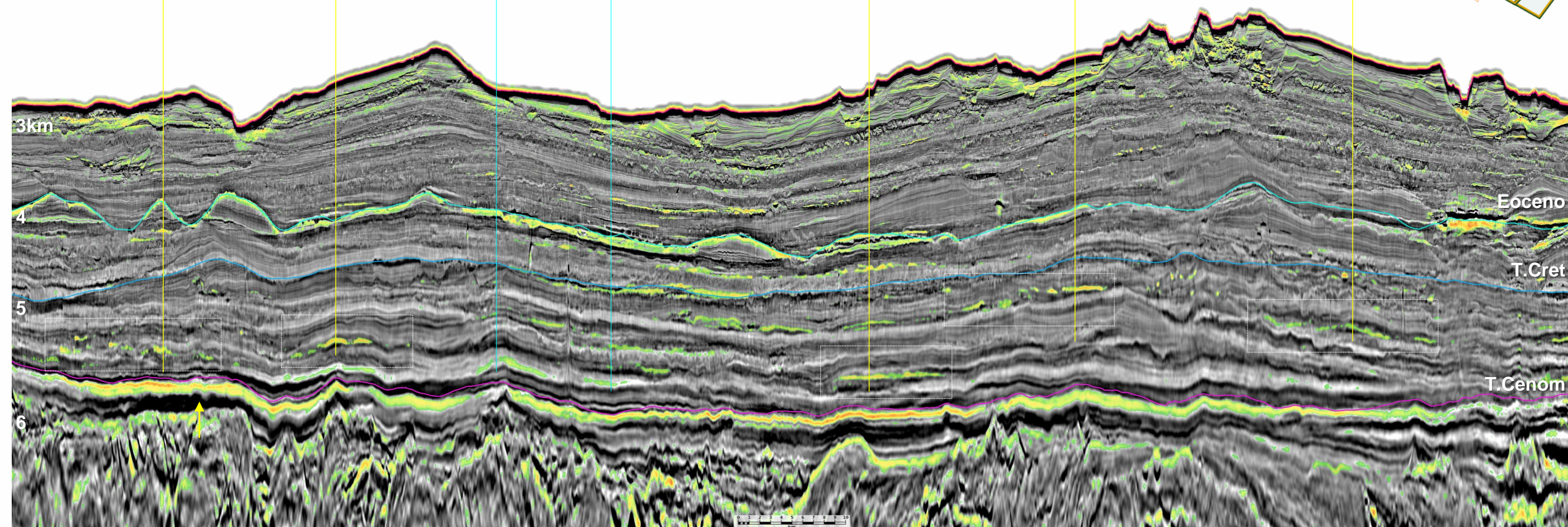
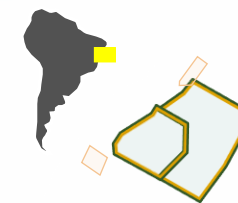
Seco

Seco

Descoberta

Descoberta

Descoberta



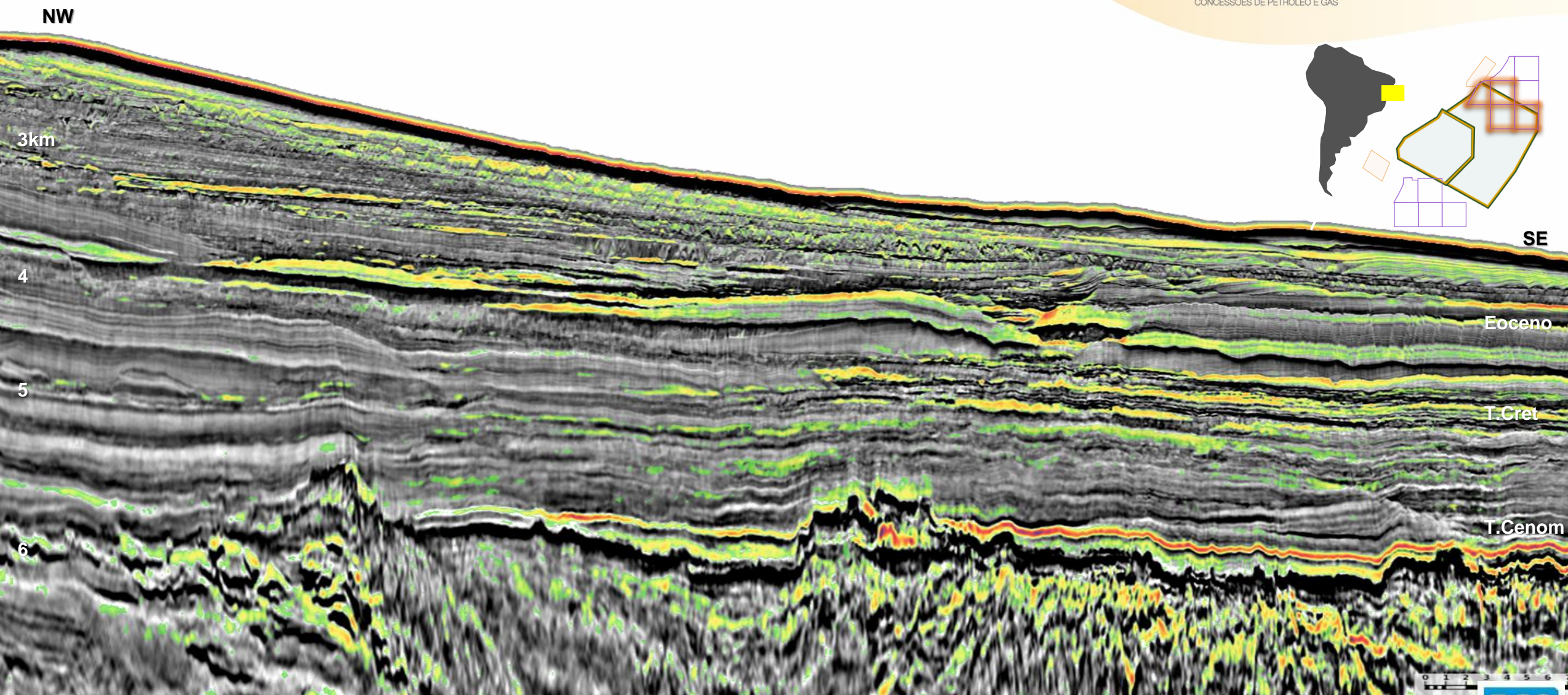
ATRIBUTO (QI)

R0014_BM_SEAL_4_10_11_PSDM – Cortesia da PGS

BACIA DE SERGIPE-ALAGOAS - OFFSHORE

AREA EM OFERTA (Blocos Norte)

OFERTA
PERMANENTE
Brasil
CONCESSÕES DE PETRÓLEO E GÁS



ATRIBUTO (QI)

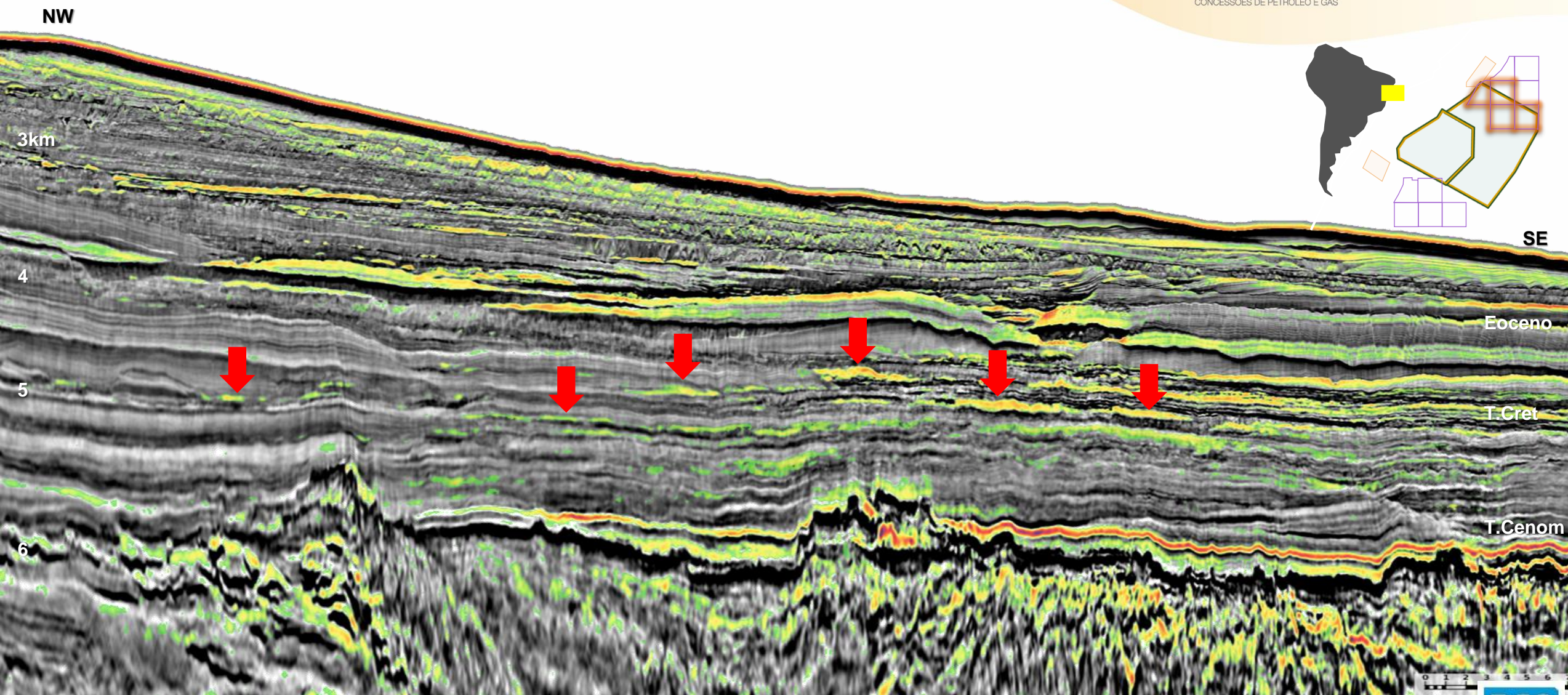
0268_SEAL_PIRAMBU – Cortesia da PGS



BACIA DE SERGIPE-ALAGOAS - OFFSHORE

AREA EM OFERTA (Blocos Norte)

OFERTA
PERMANENTE
Brasil
CONCESSÕES DE PETRÓLEO E GÁS



ATRIBUTO (QI)

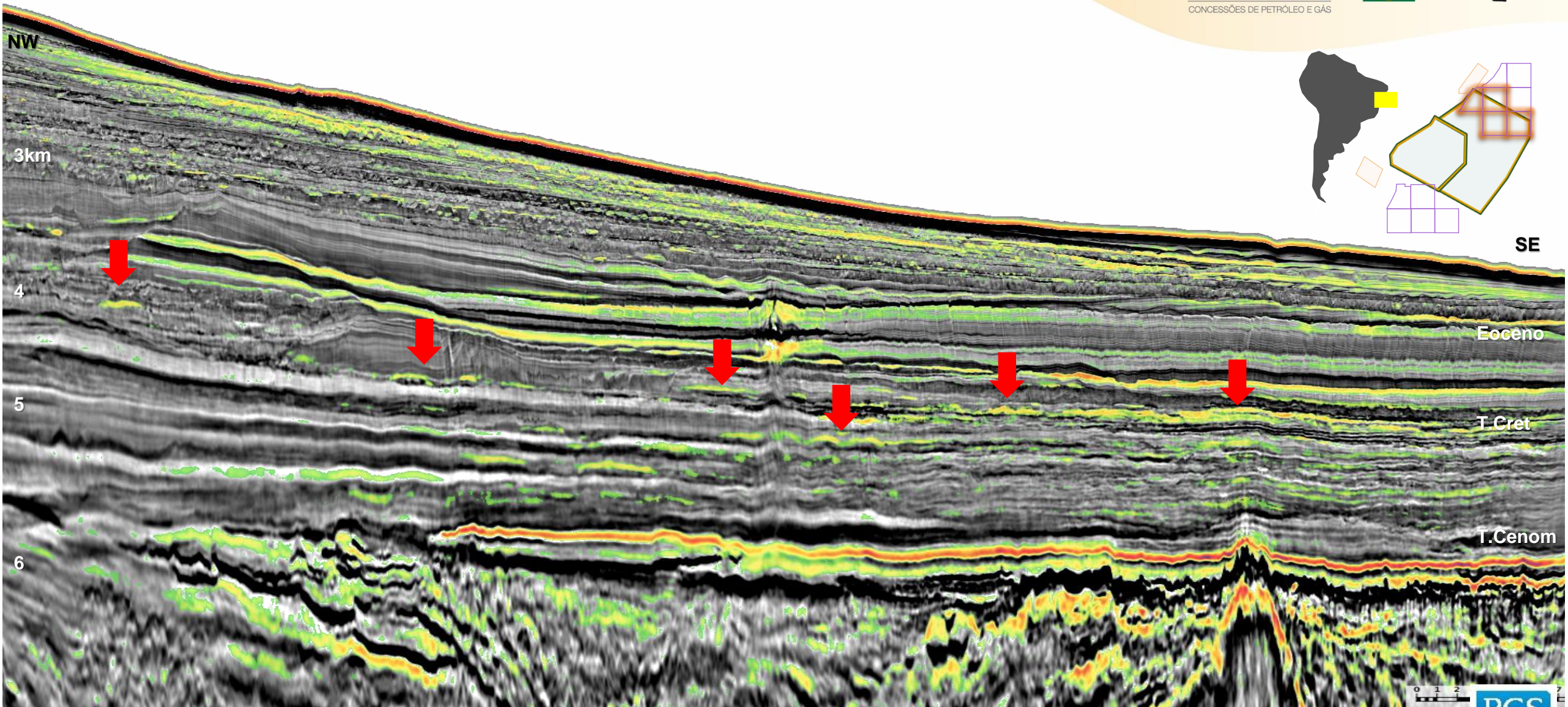
0268_SEAL_PIRAMBU – Cortesia da PGS



BACIA DE SERGIPE-ALAGOAS - OFFSHORE

AREA EM OFERTA (Blocos Norte)

OFERTA
PERMANENTE
Brasil
CONCESSÕES DE PETRÓLEO E GÁS



ATRIBUTO (QI)

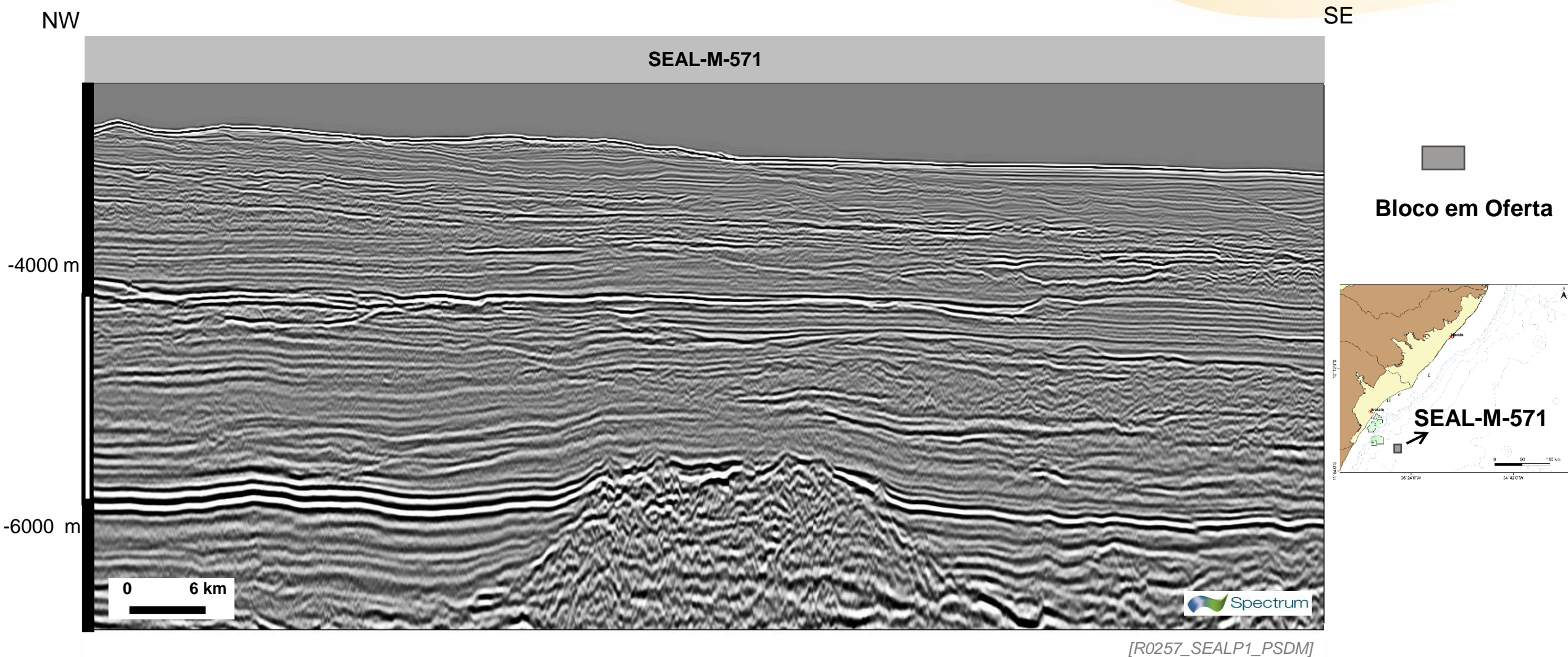
0268_SEAL_PIRAMBU – Cortesia da PGS



BACIA DE SERGIPE-ALAGOAS - OFFSHORE

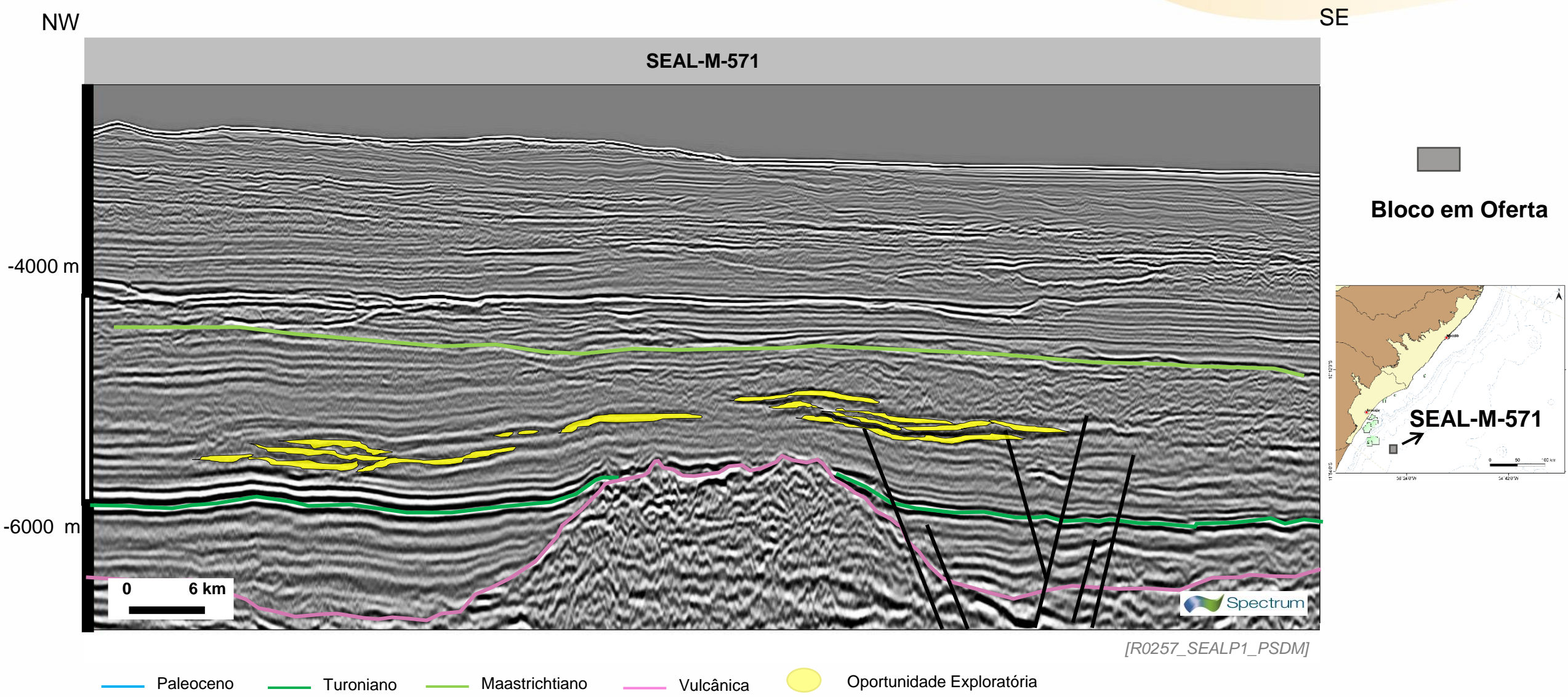
AREA EM OFERTA (Blocos Sul)

OFERTA
PERMANENTE
Brasil
CONCESSÕES DE PETRÓLEO E GÁS



BACIA DE SERGIPE-ALAGOAS - OFFSHORE

AREA EM OFERTA (Blocos Sul)



BACIA DE SERGIPE-ALAGOAS - OFFSHORE

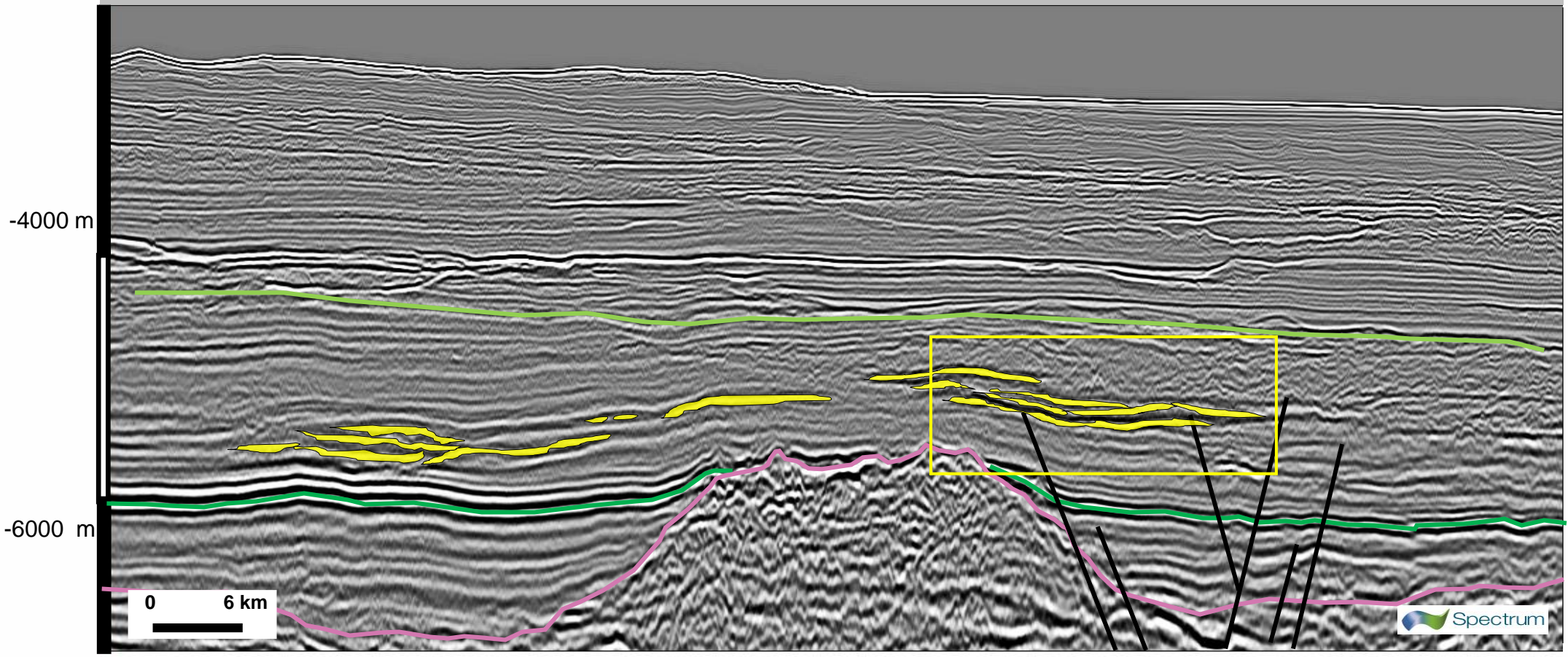
AREA EM OFERTA (Blocos Sul)




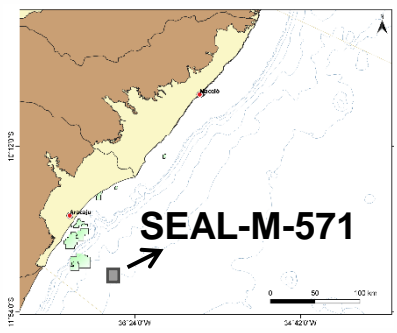
NW

SE

SEAL-M-571




Bloco em Oferta

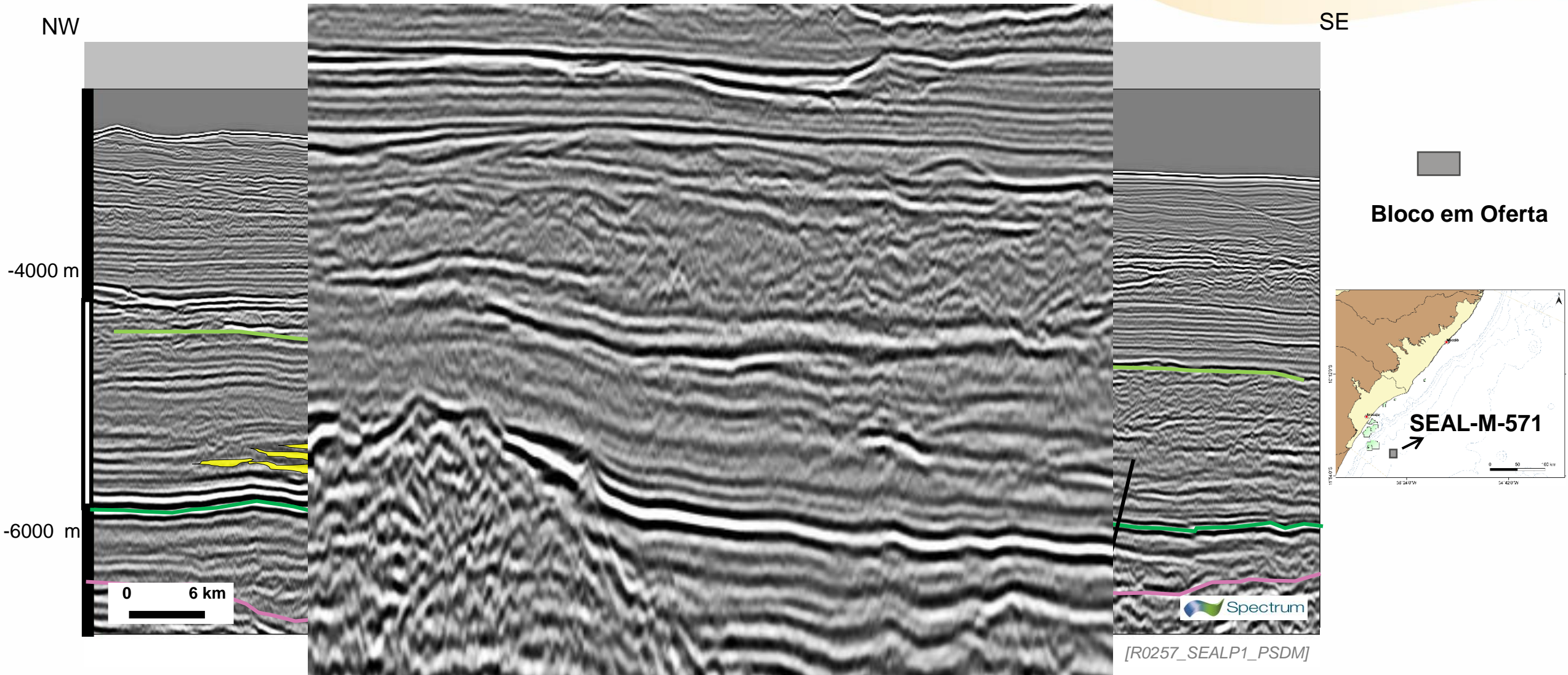


[R0257_SEALP1_PSDM]

-  Paleoceno
-  Turoniano
-  Maastrichtiano
-  Vulcânica
-  Oportunidade Exploratória

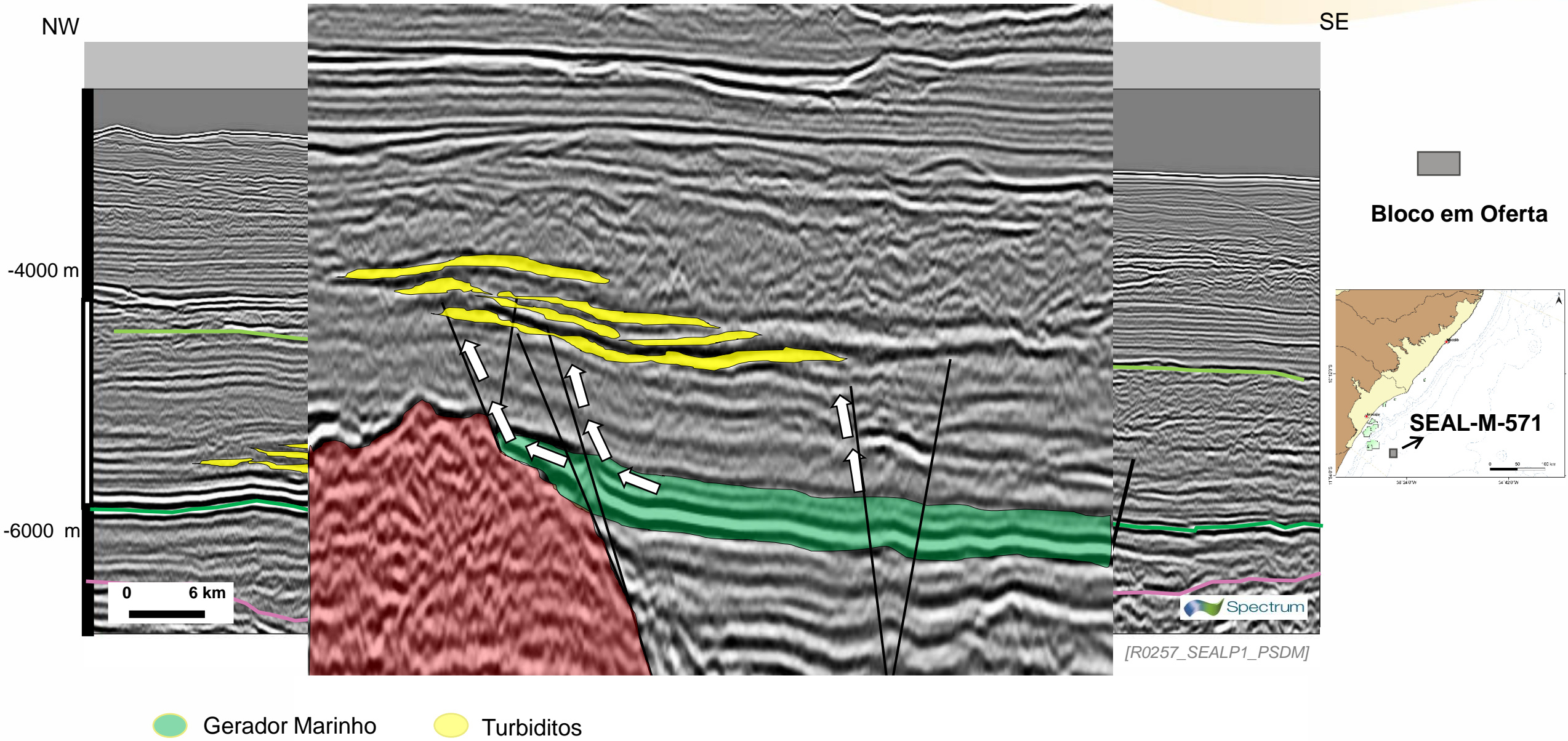
BACIA DE SERGIPE-ALAGOAS - OFFSHORE

AREA EM OFERTA (Blocos Sul)



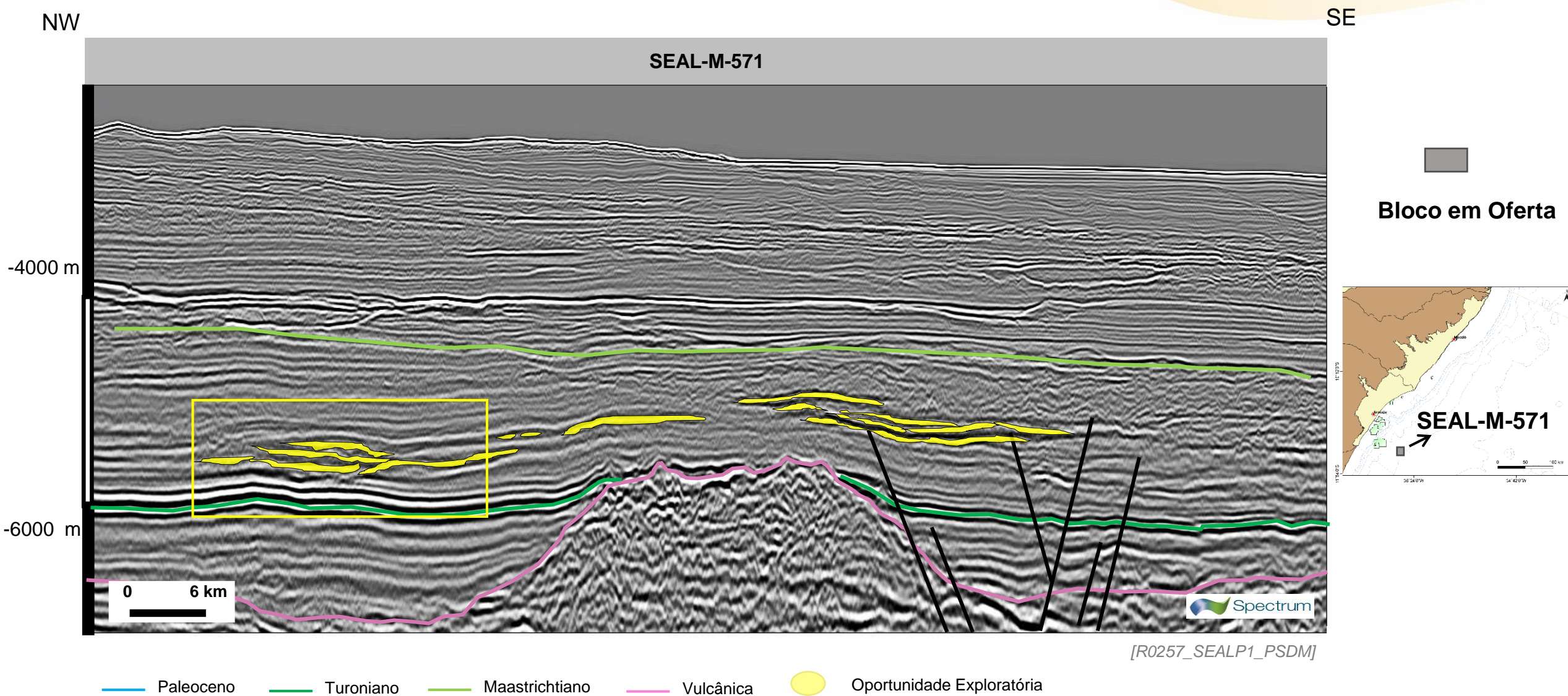
BACIA DE SERGIPE-ALAGOAS - OFFSHORE

AREA EM OFERTA (Blocos Sul)



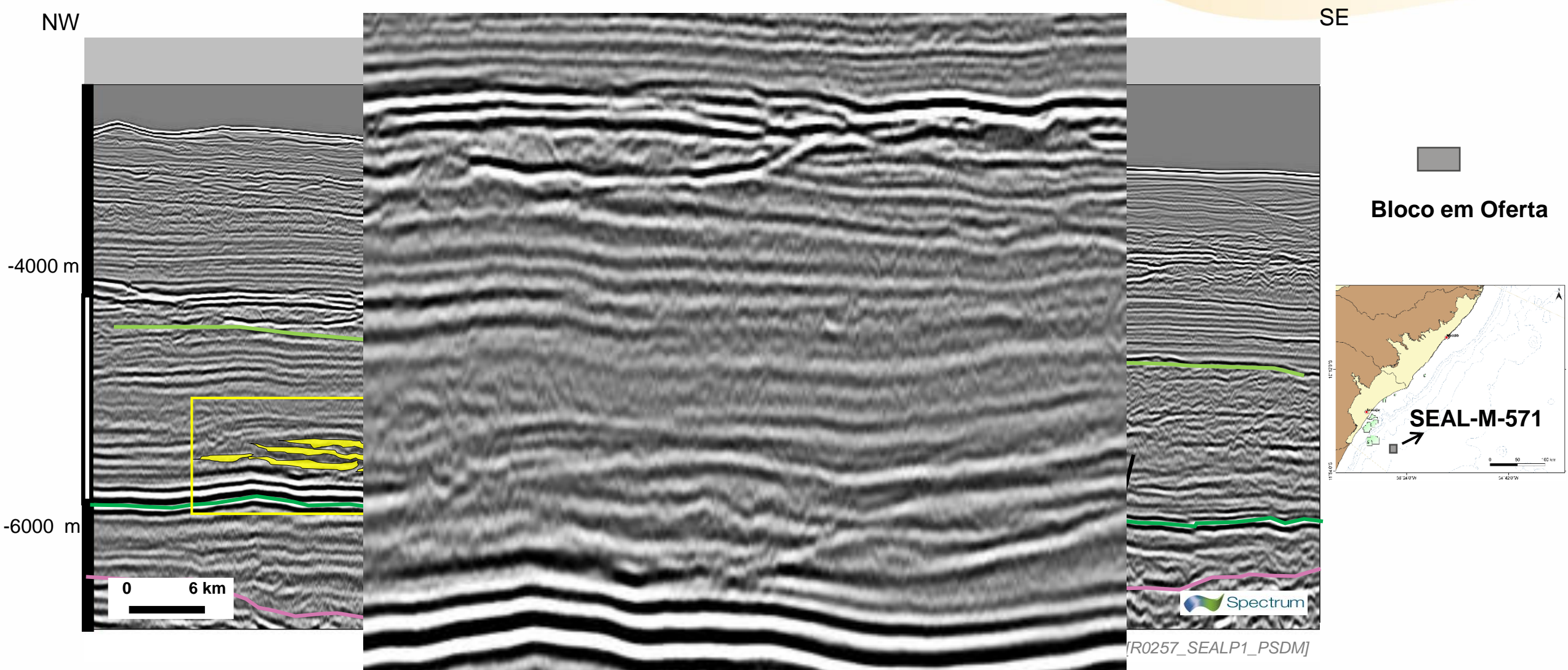
BACIA DE SERGIPE-ALAGOAS - OFFSHORE

AREA EM OFERTA (Blocos Sul)



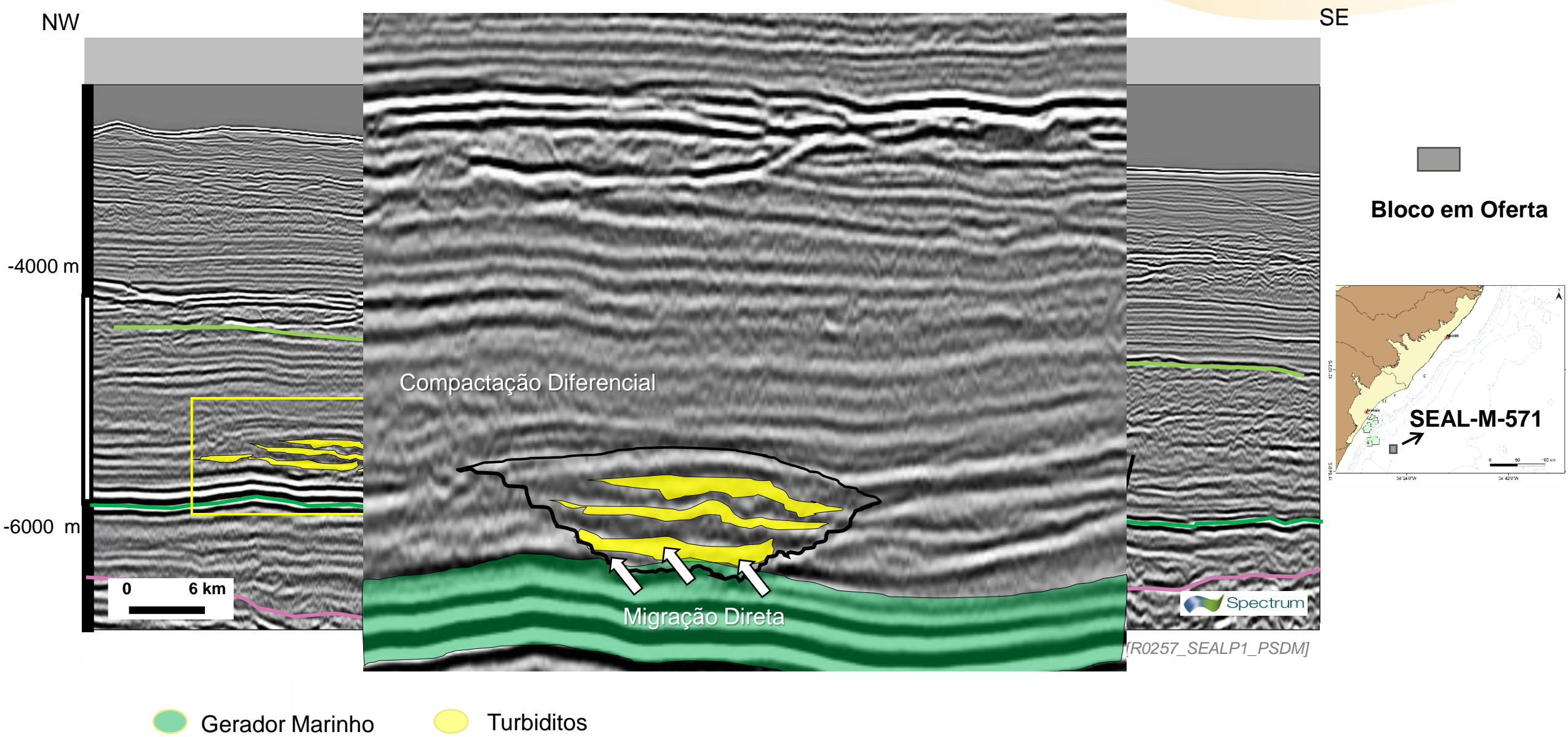
BACIA DE SERGIPE-ALAGOAS - OFFSHORE

AREA EM OFERTA (Blocos Sul)

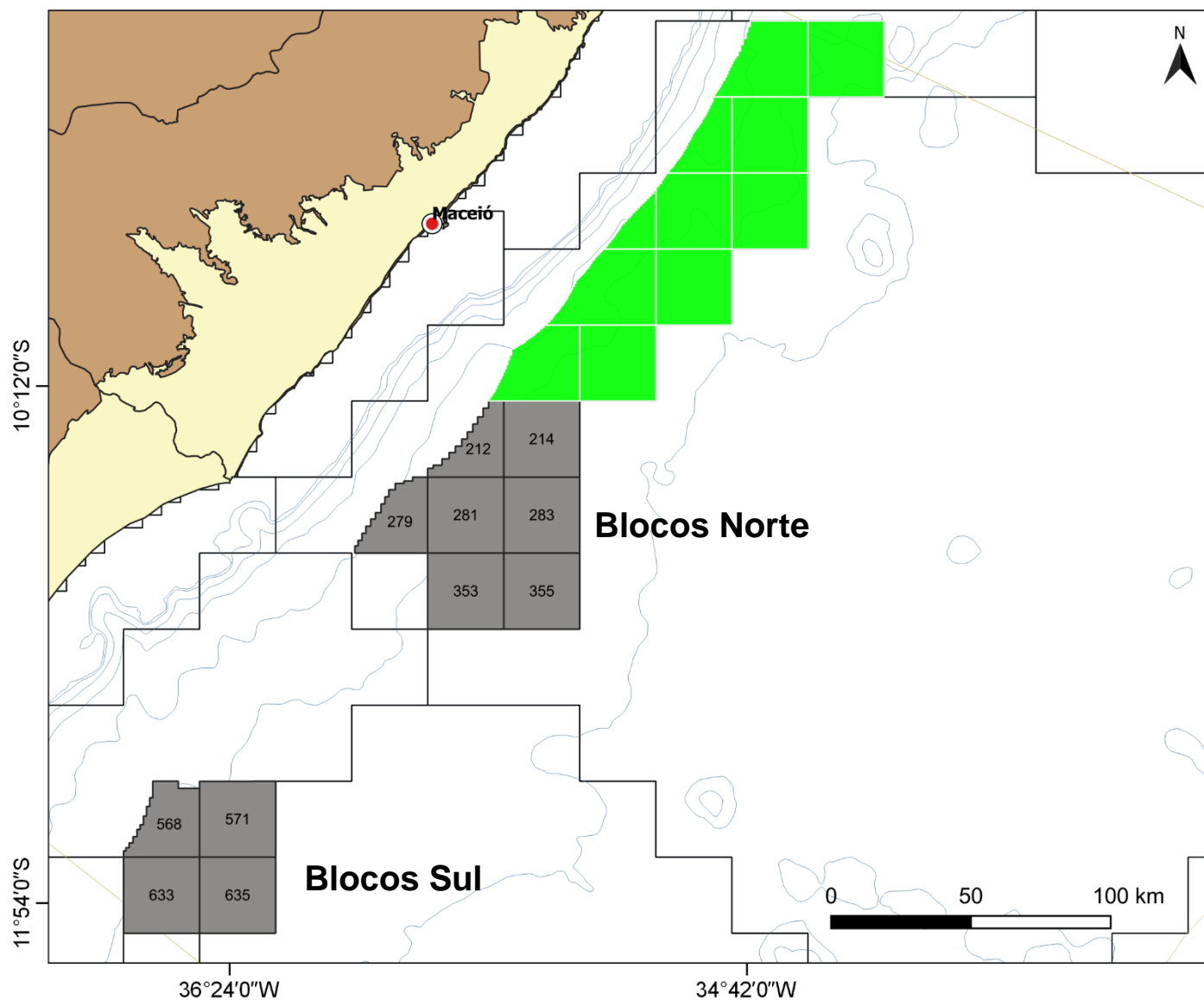


BACIA DE SERGIPE-ALAGOAS - OFFSHORE

AREA EM OFERTA (Blocos Sul)

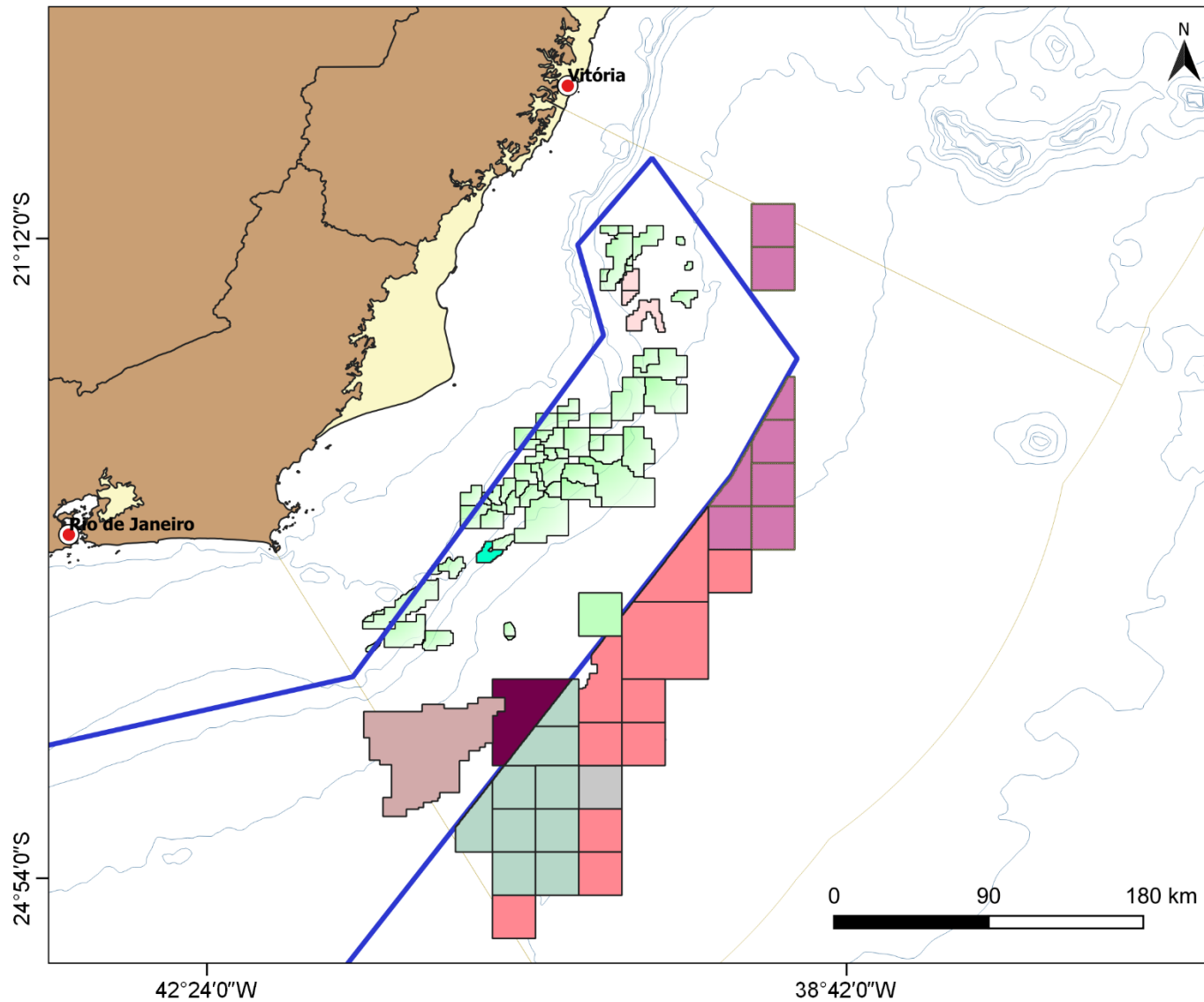


BACIA DE SERGIPE-ALAGOAS - OFFSHORE



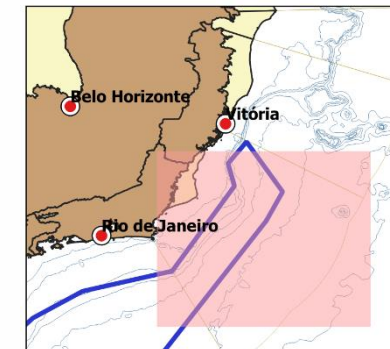
11 Blocos em Oferta

BACIA DE CAMPOS

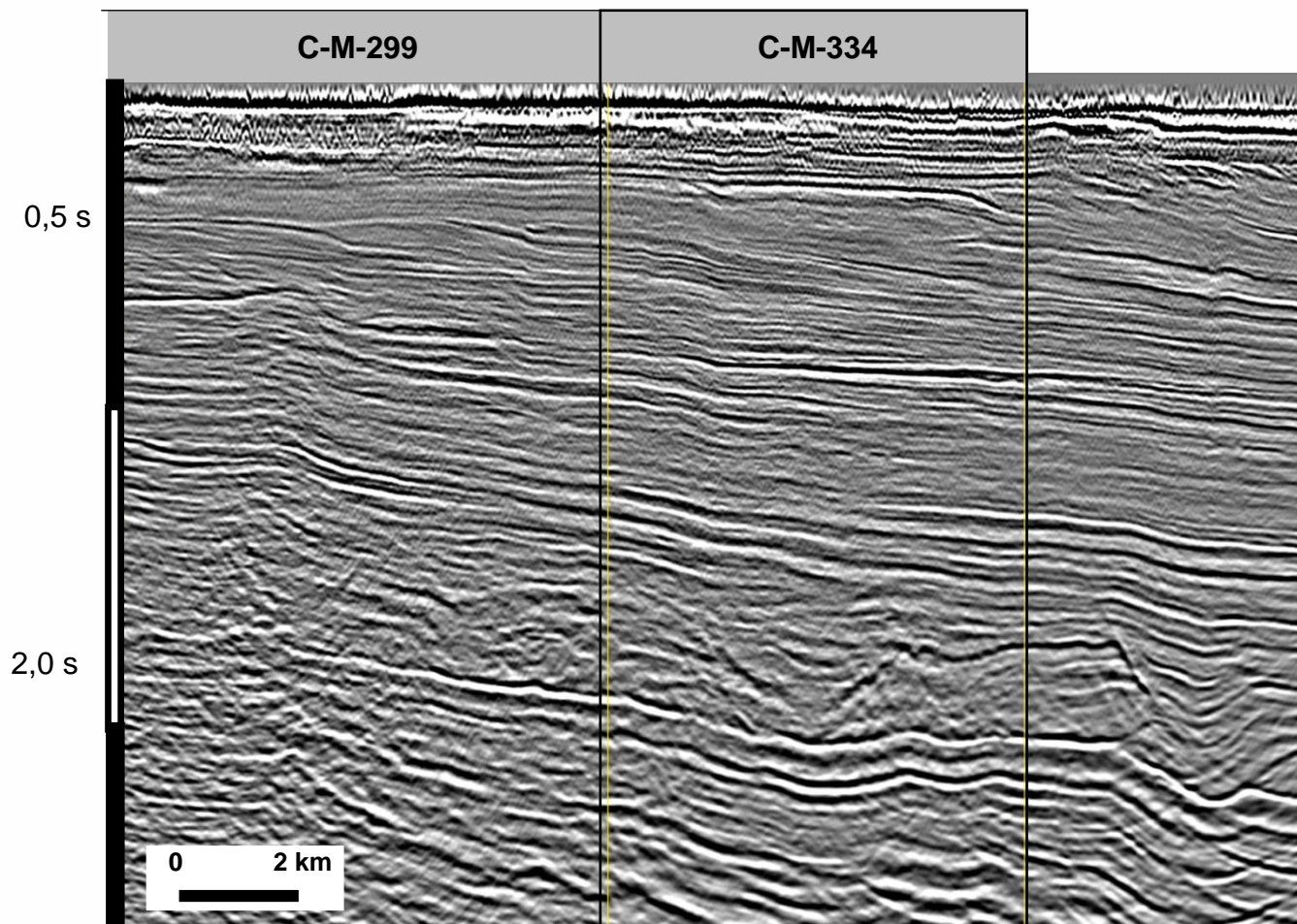


Blocos em concessão

	R6		Partilha 3
	R7		Partilha 4
	R14		Partilha 5
	R15		
	R16		
	2º Ciclo Oferta Permanente		
	Campos em Produção		

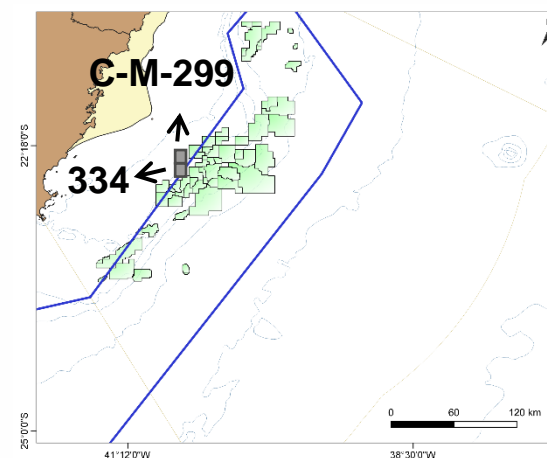


BACIA DE CAMPOS

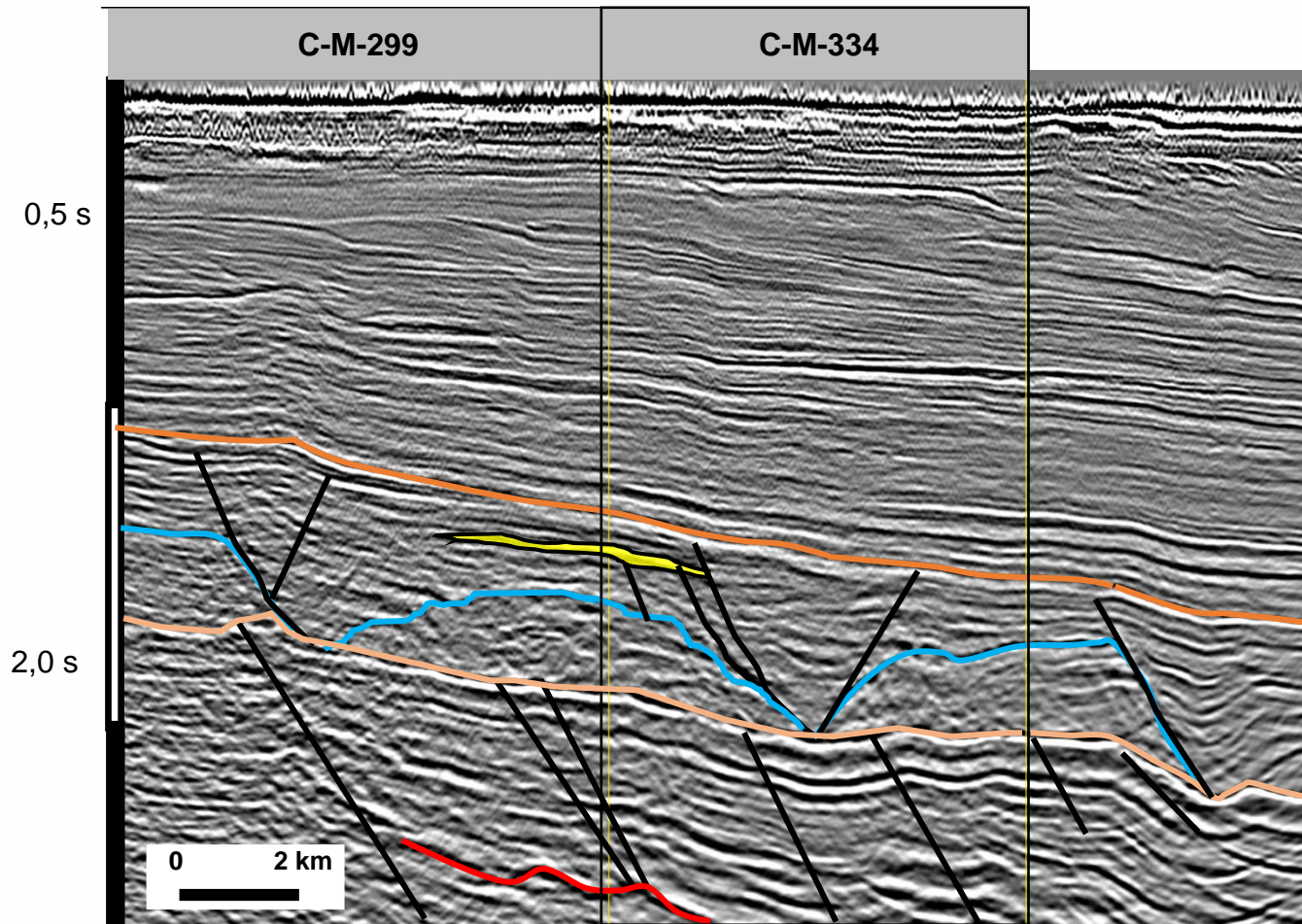


R0264_BM_C_28_PSDM


Bloco em Oferta



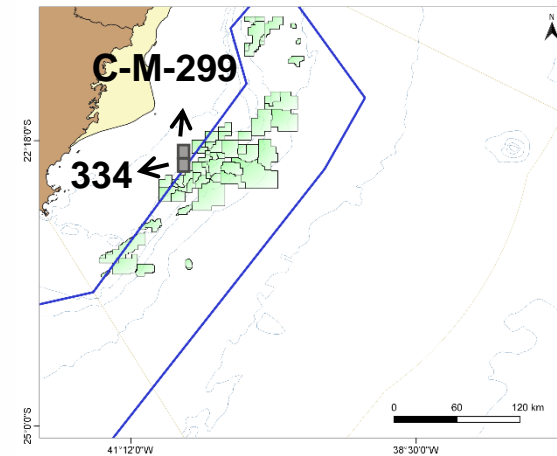
BACIA DE CAMPOS



R0264_BM_C_28_PSDM

- Topo do Oligoceno Inf.
- Topo da Fm Carapebus (Enchova)
- Topo da Fm Quissama
- Topo do Sal Equivalente
- Embasamento

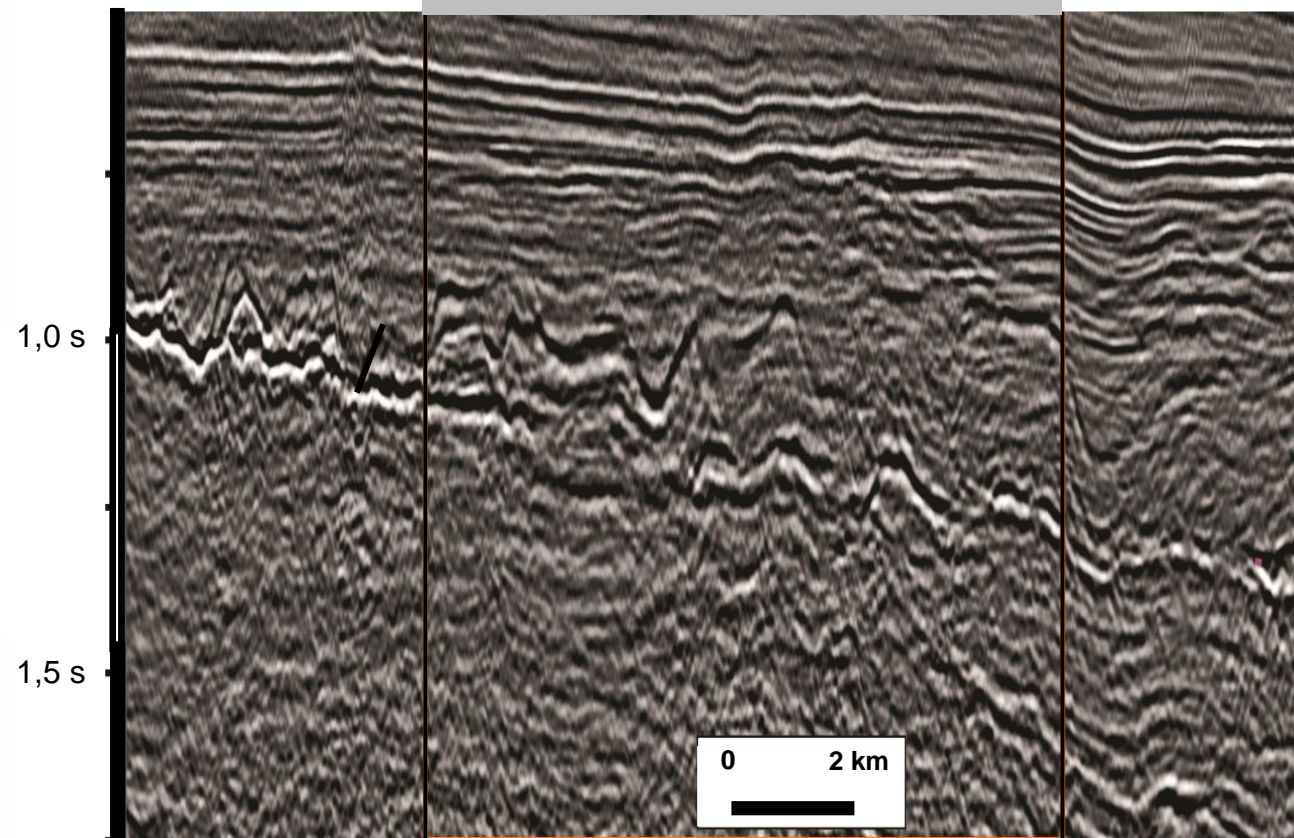
Bloco em Oferta



Arenito da Fm. Carapebus e
Carbonato da Fm. Quissamã

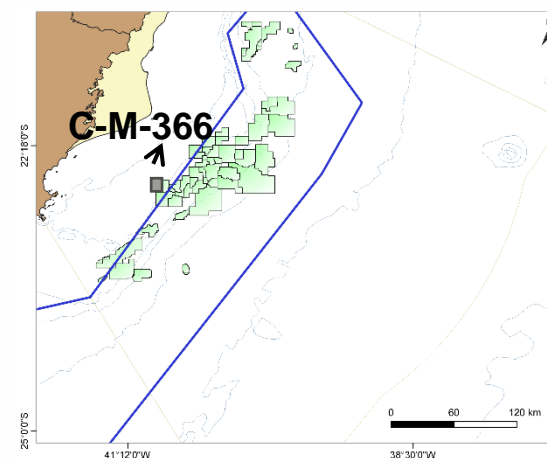
BACIA DE CAMPOS

C-M-366

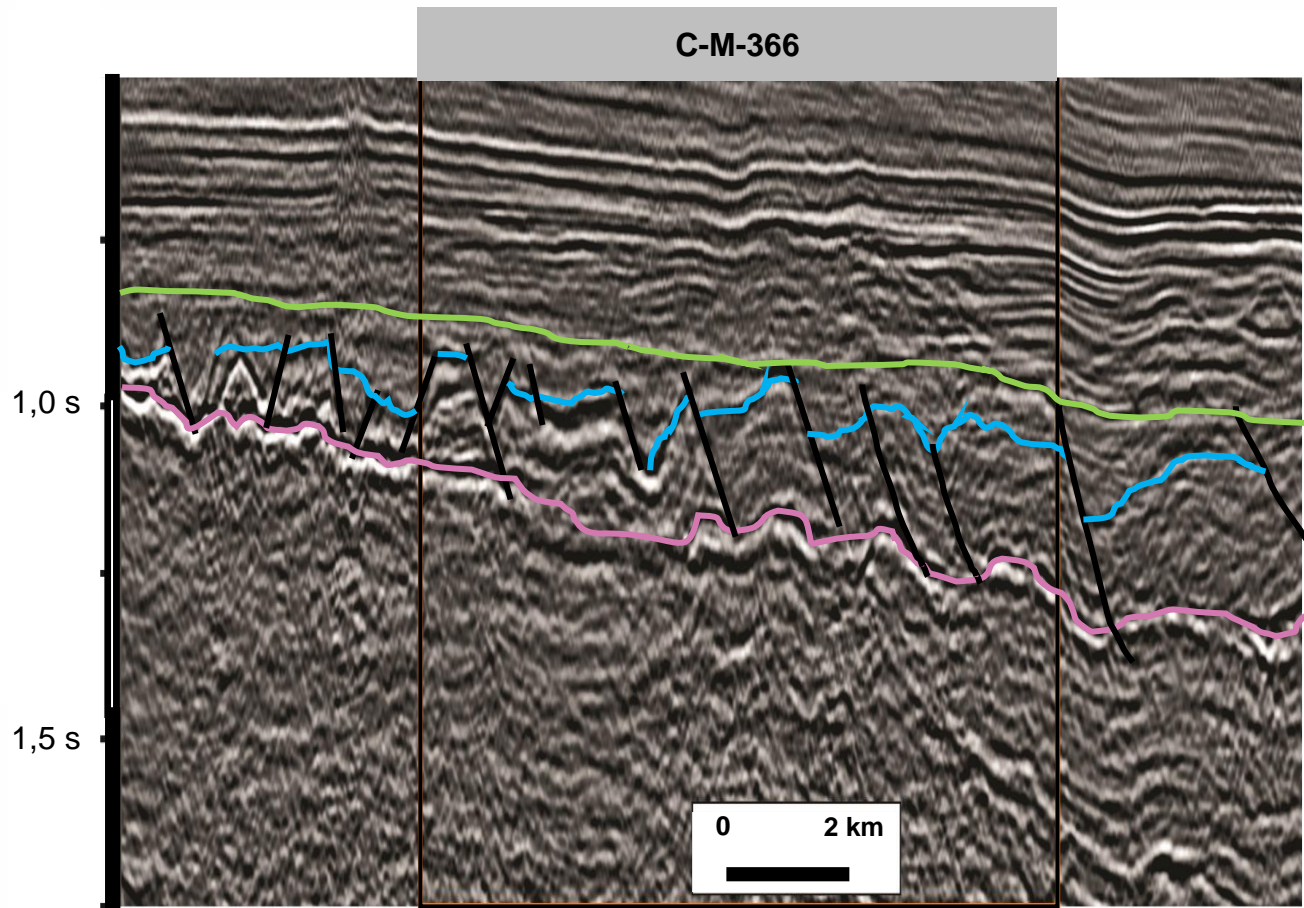


R0264_BMC-26-27_PSDM.3 Survey (2001)

Bloco em Oferta



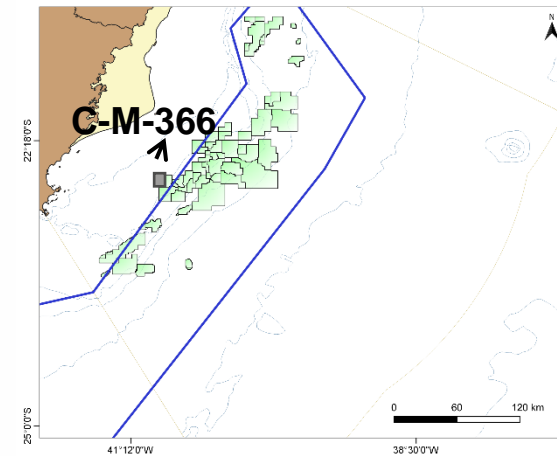
BACIA DE CAMPOS



R0264_BMC-26-27_PSDM.3 Survey (2001)

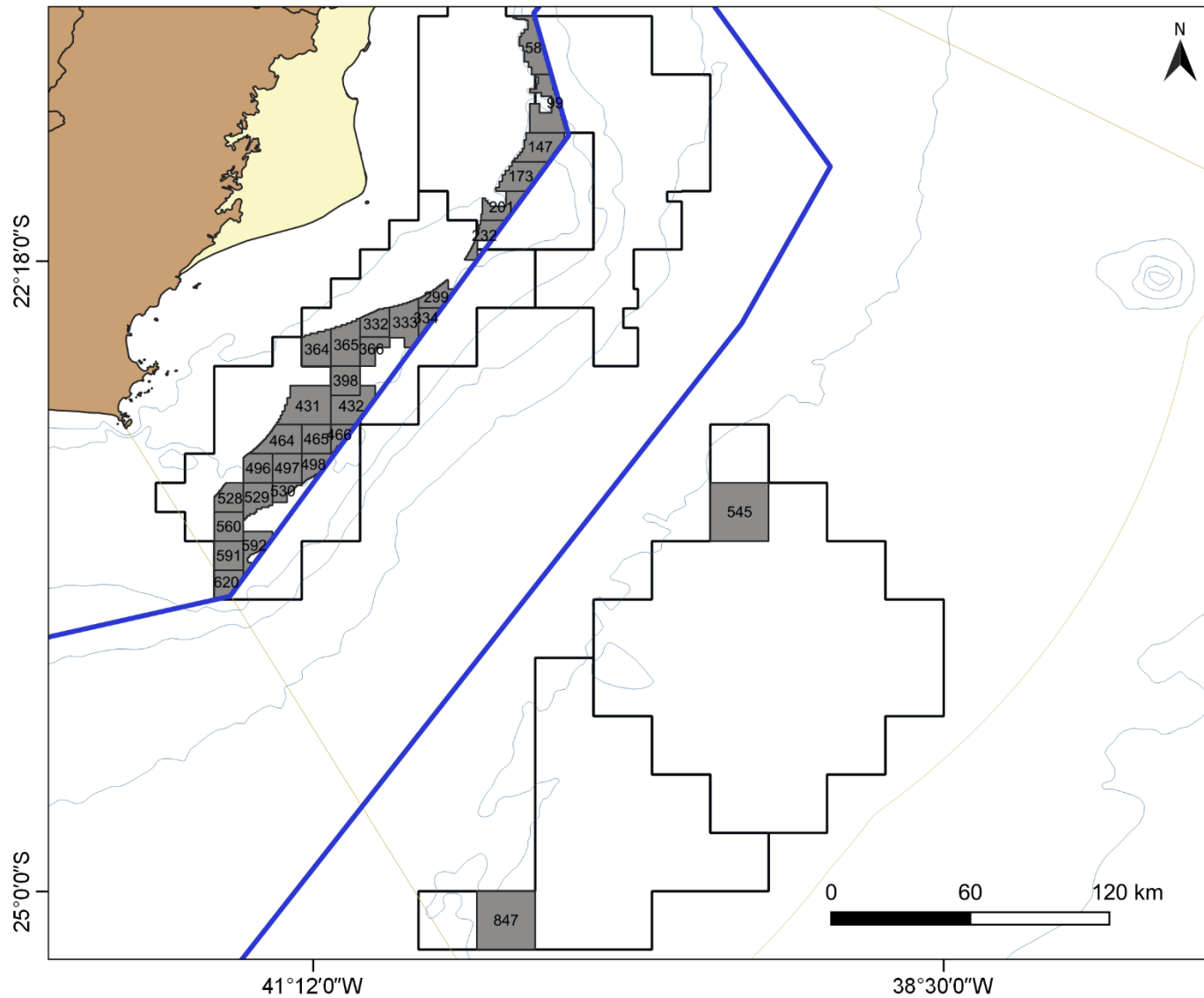
- Topo do Cretáceo
- Topo do Gr Macaé
- Base do Sal Equivalente

Bloco em Oferta



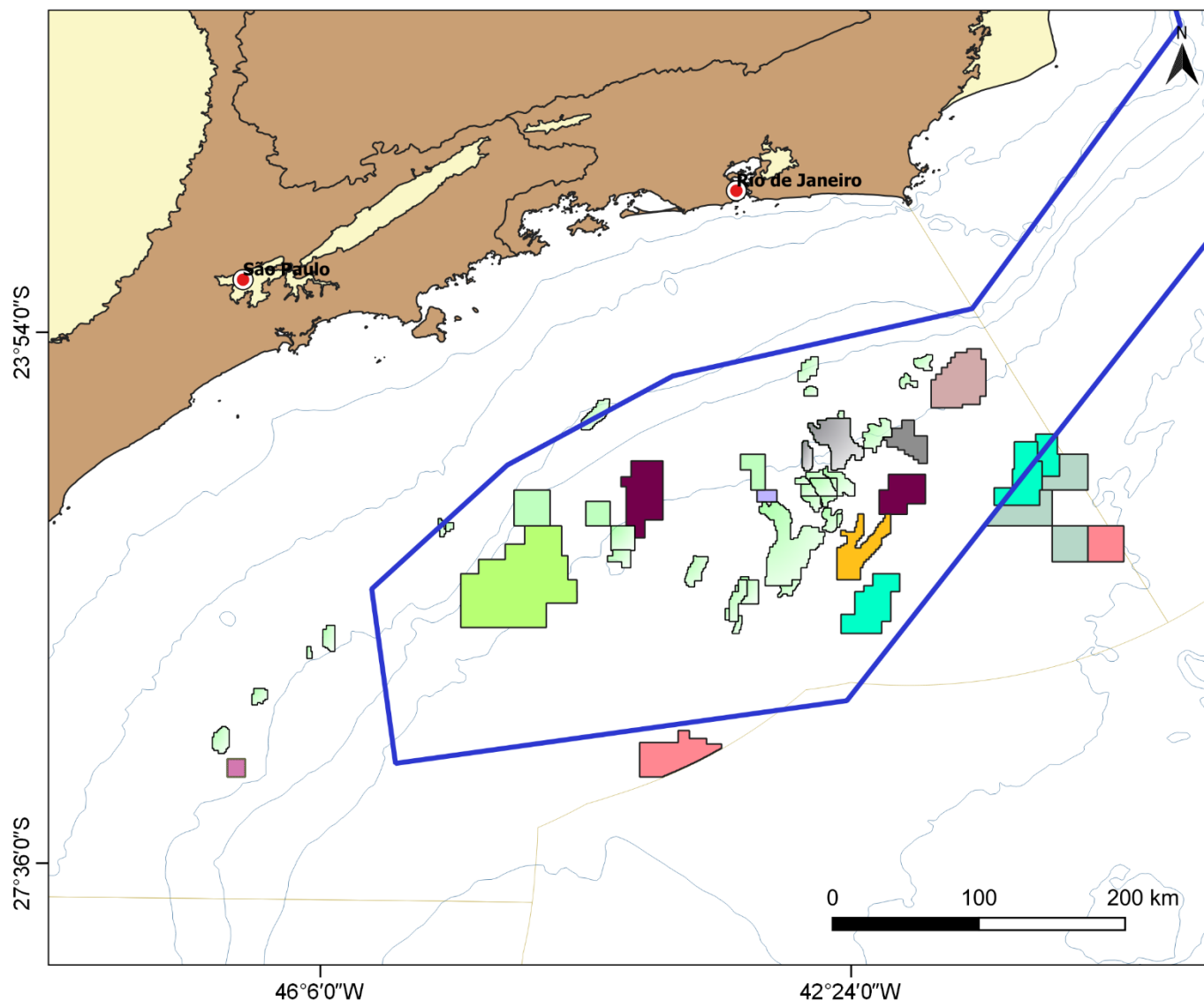
Arenito da Fm. Carapebus e
Carbonato da Fm. Quissamã
(Análogo campo de Badejo)

BACIA DE CAMPOS



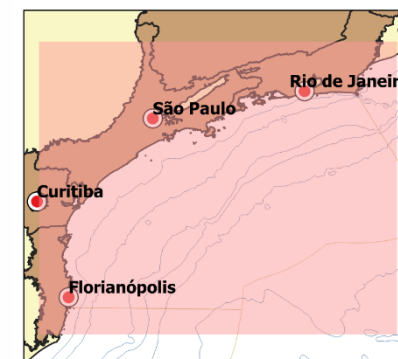
31 Blocos em Oferta

BACIA DE SANTOS

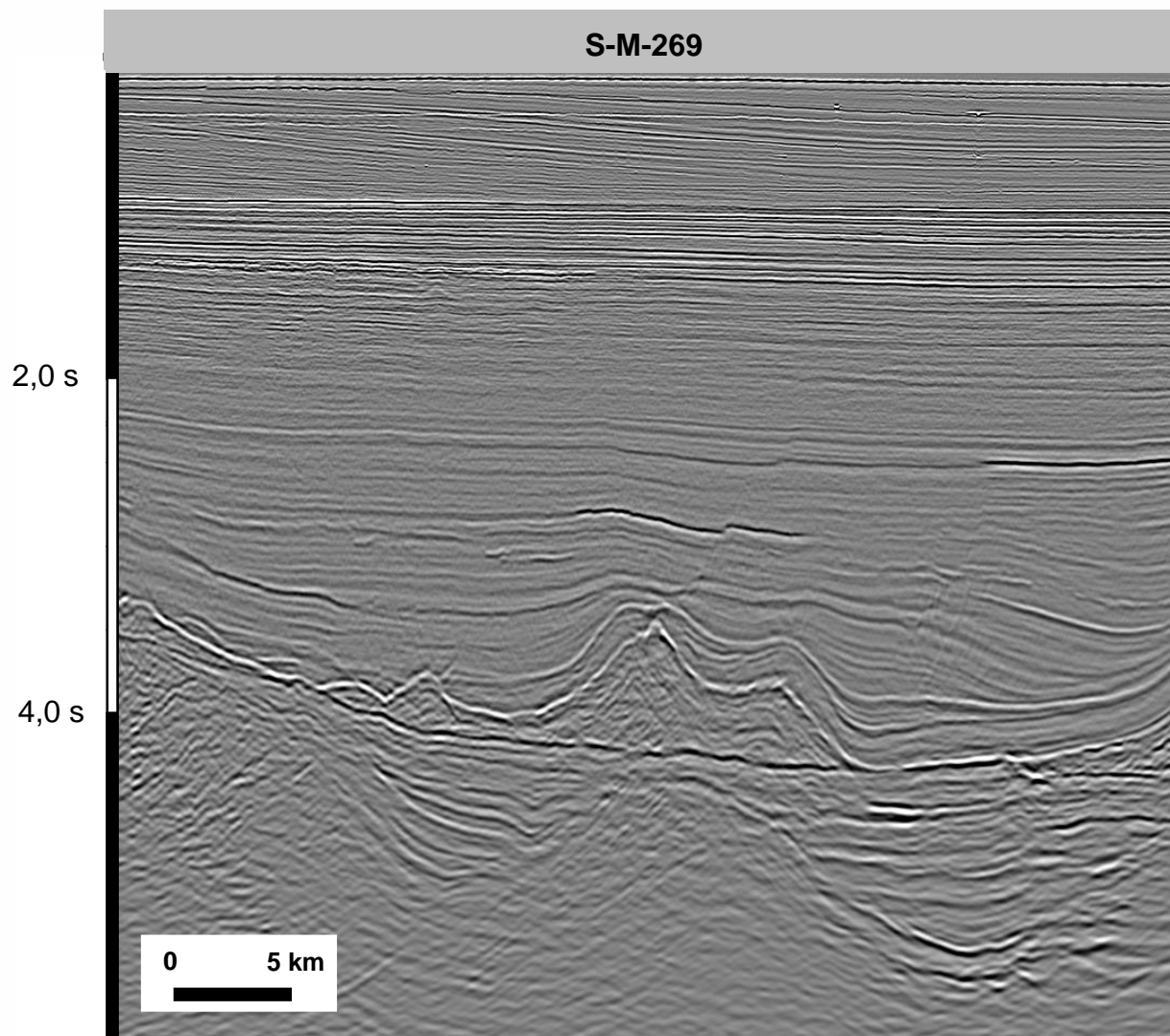


Blocos em concessão

	R3		Partilha 1
	R7		Partilha 2
	R14		Partilha 3
	R15		Partilha 4
	R16		Partilha 5
	Lveco		Partilha 6
	Campos em Produção		



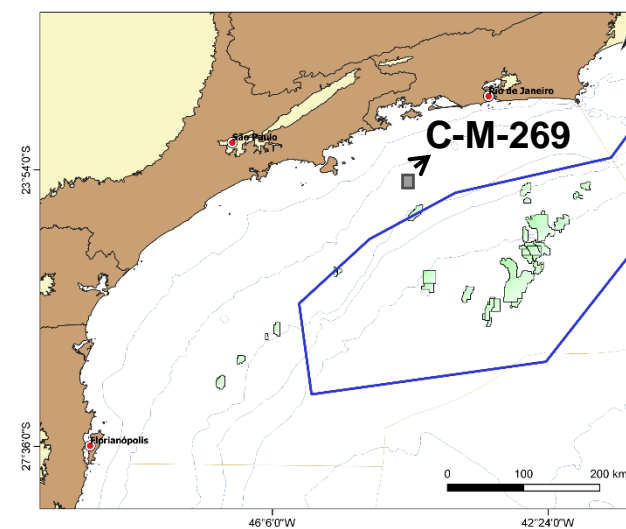
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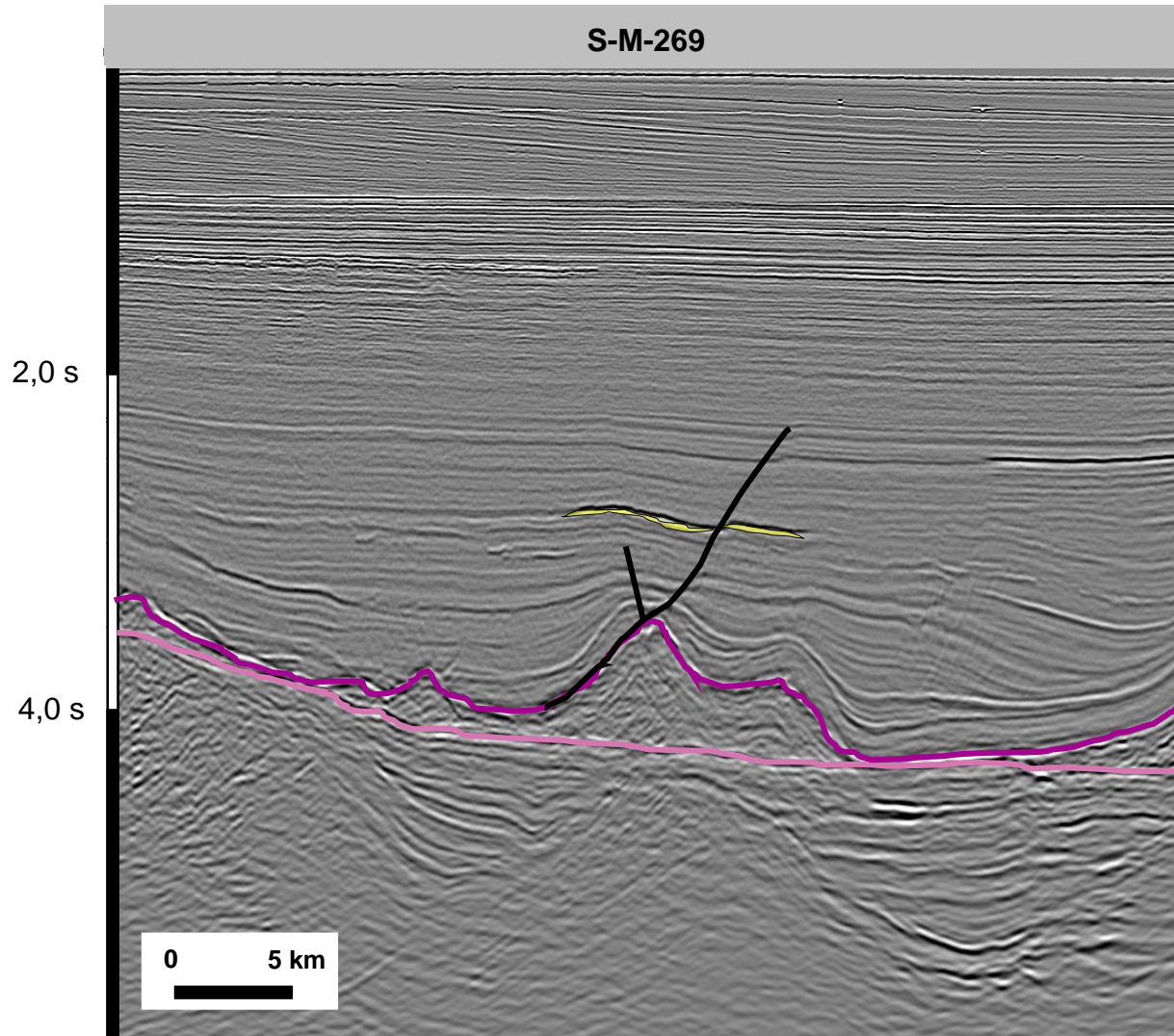
0282_BM_S_14

— Topo do Sal — Base do Sal ● Oportunidade Exploratória

Bloco em Oferta



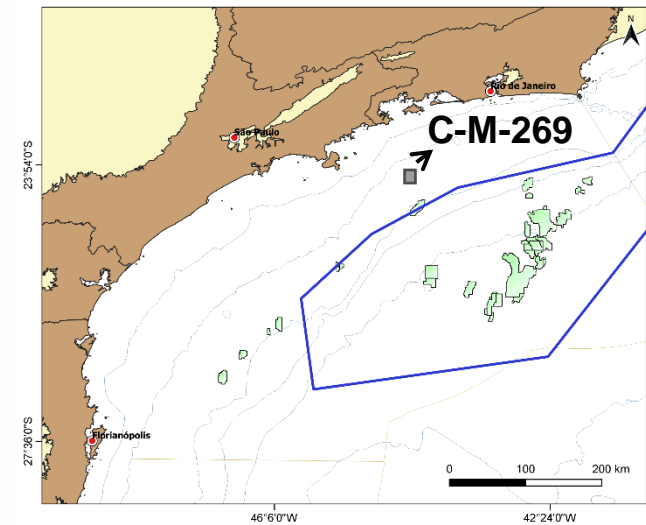
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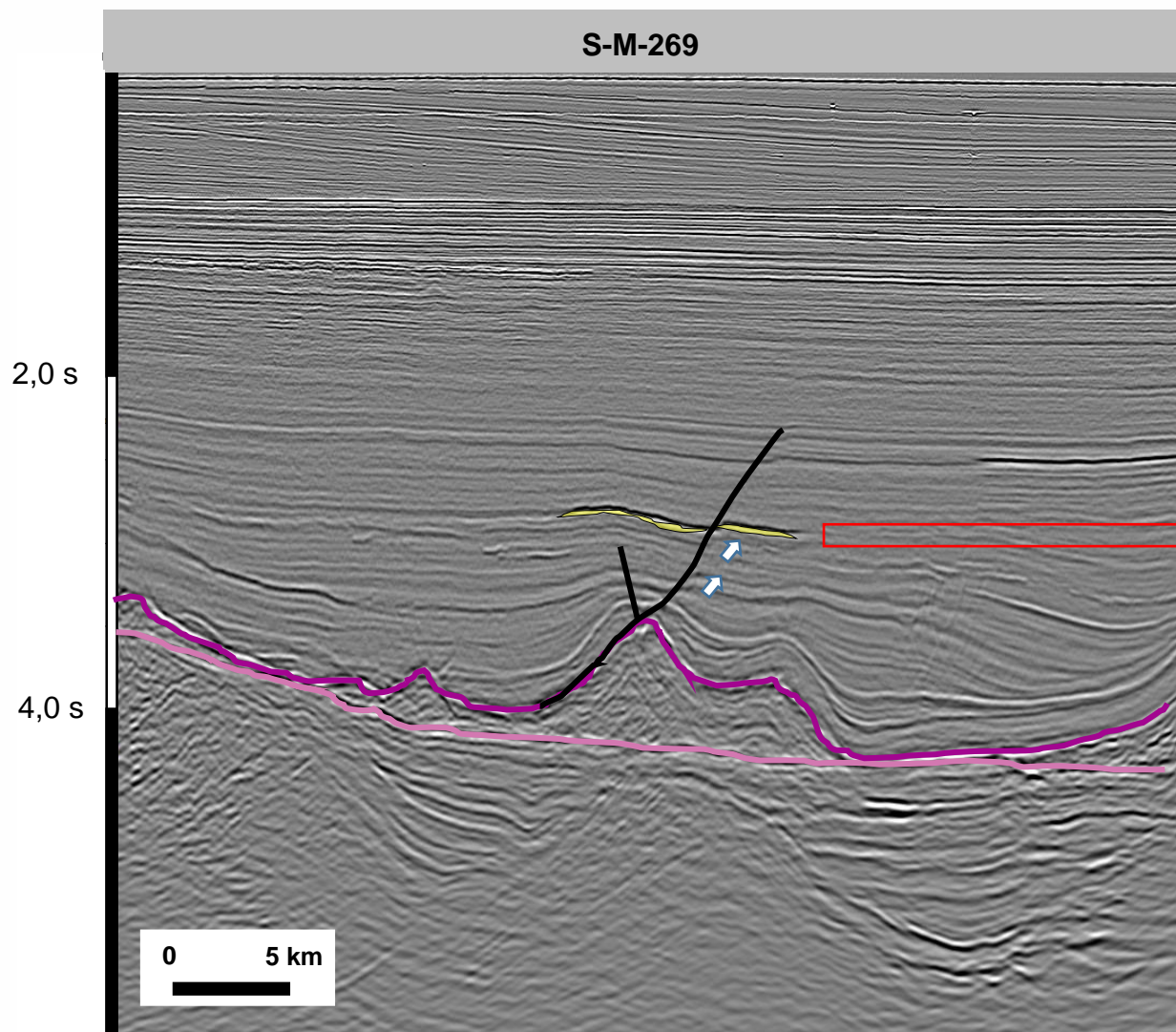
0282_BM_S_14

— Topo do Sal — Base do Sal — Oportunidade Exploratória

Bloco em Oferta

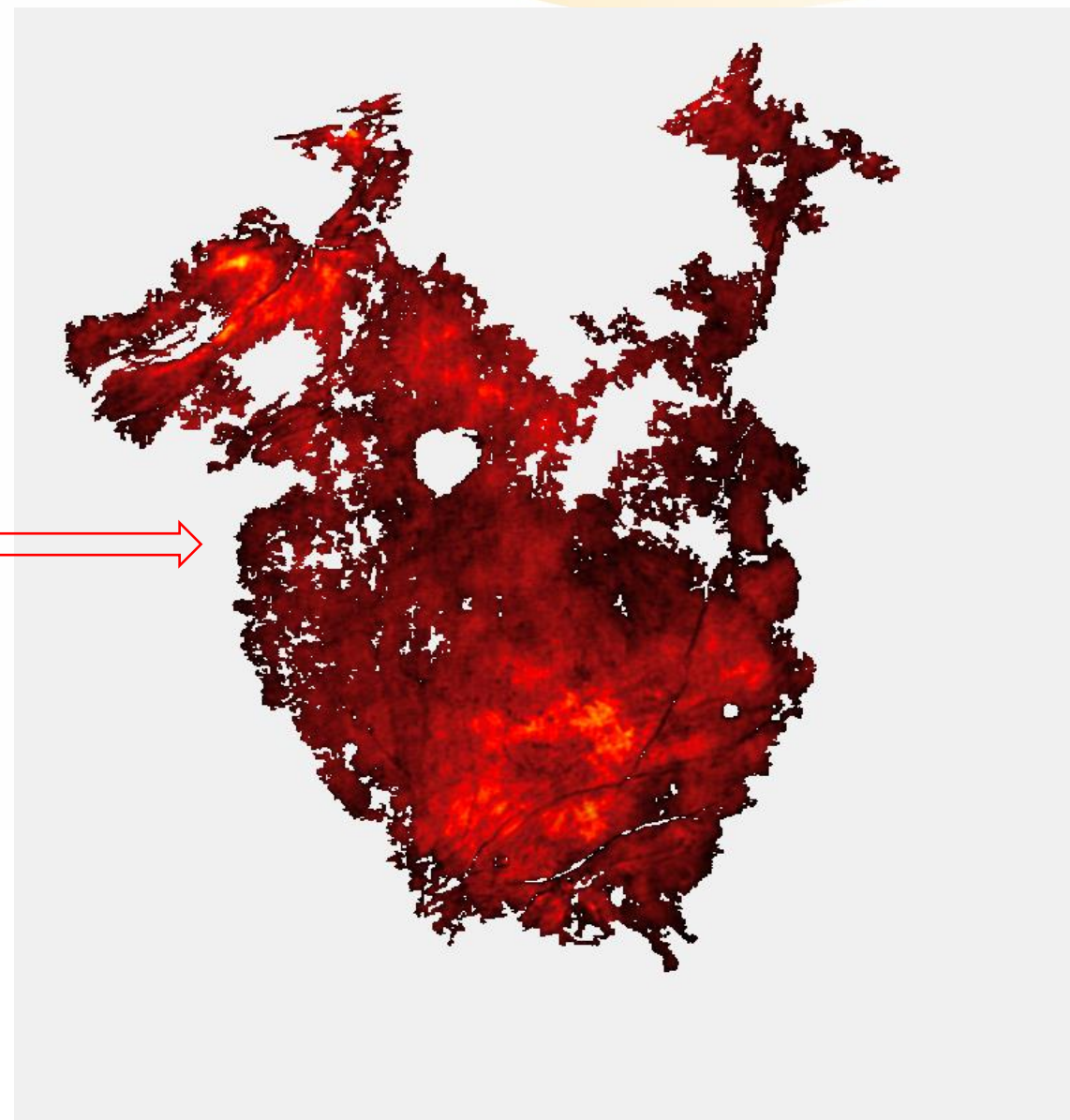


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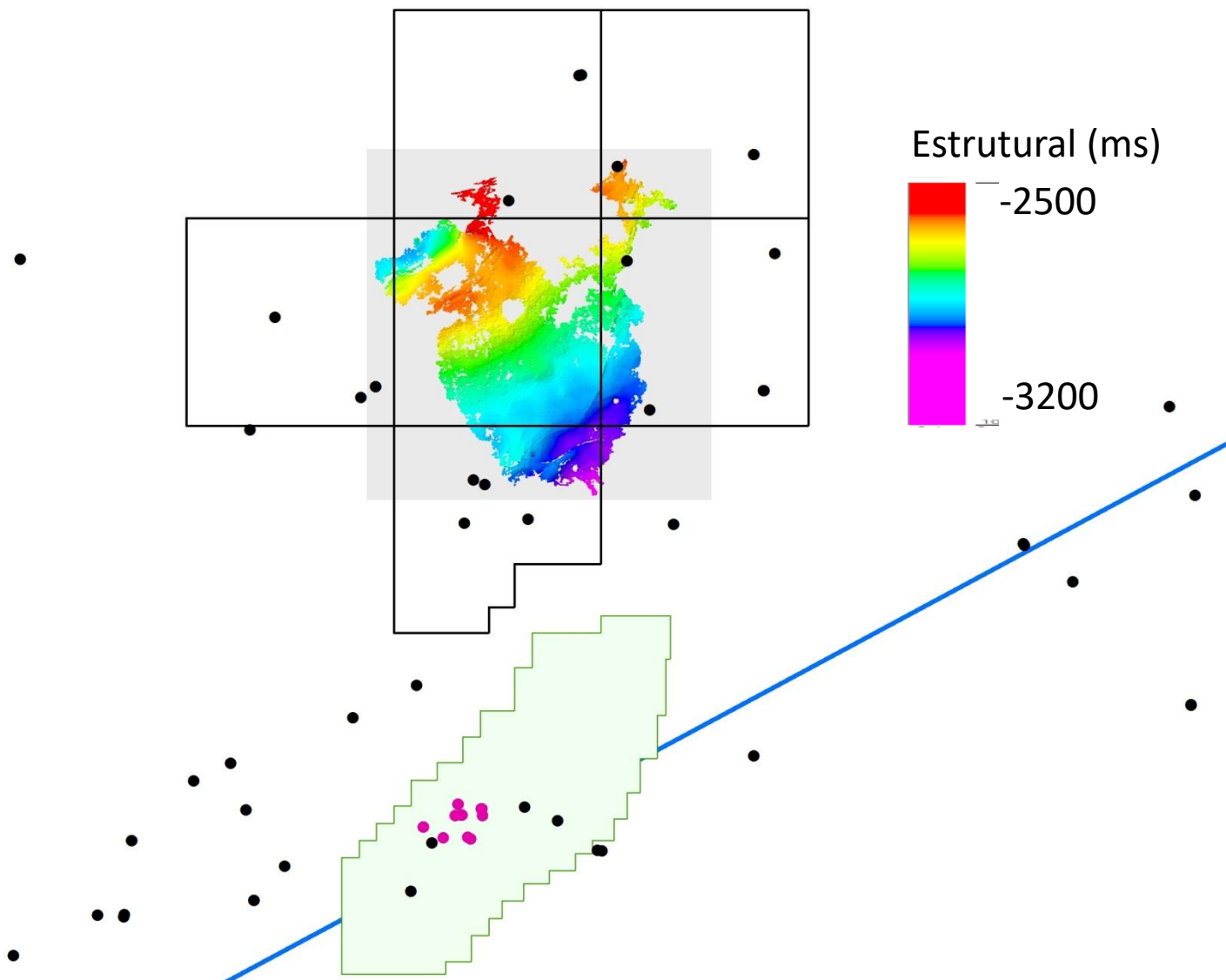
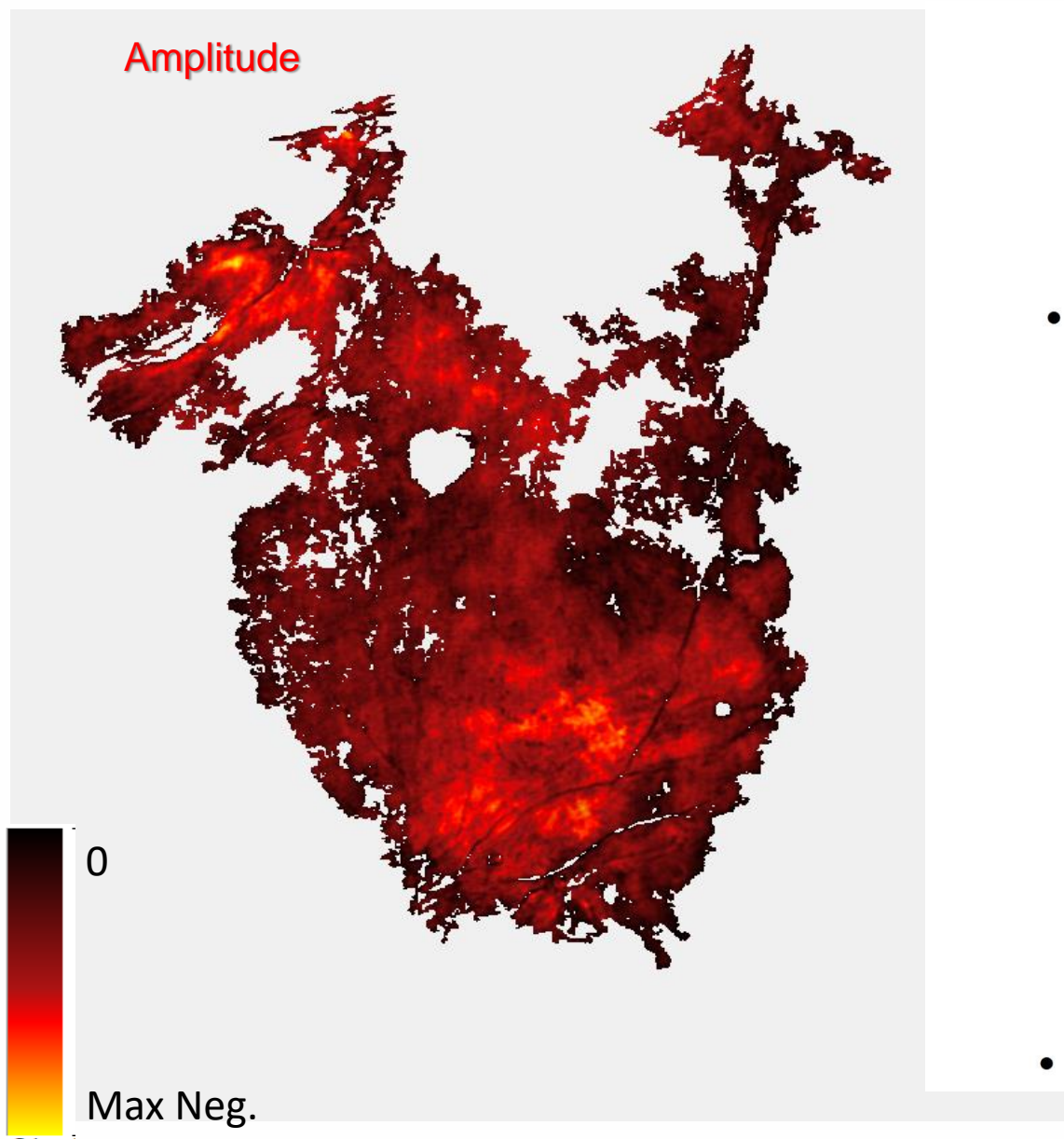


0282_BM_S_14

— Topo do Sal — Base do Sal ● Oportunidade Exploratória



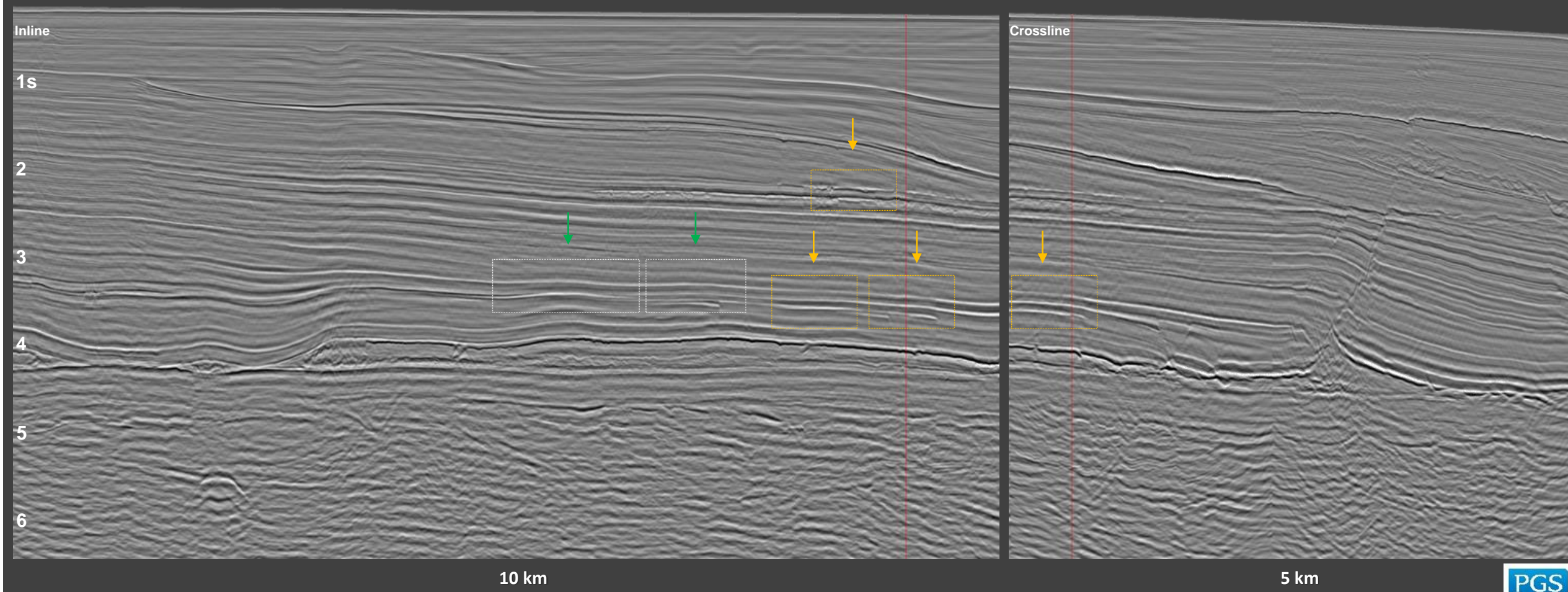
BACIA DE SANTOS



CAMPO DE CARAVELA

OPORTUNIDADES

Santos West - Relative Acoustic Impedance



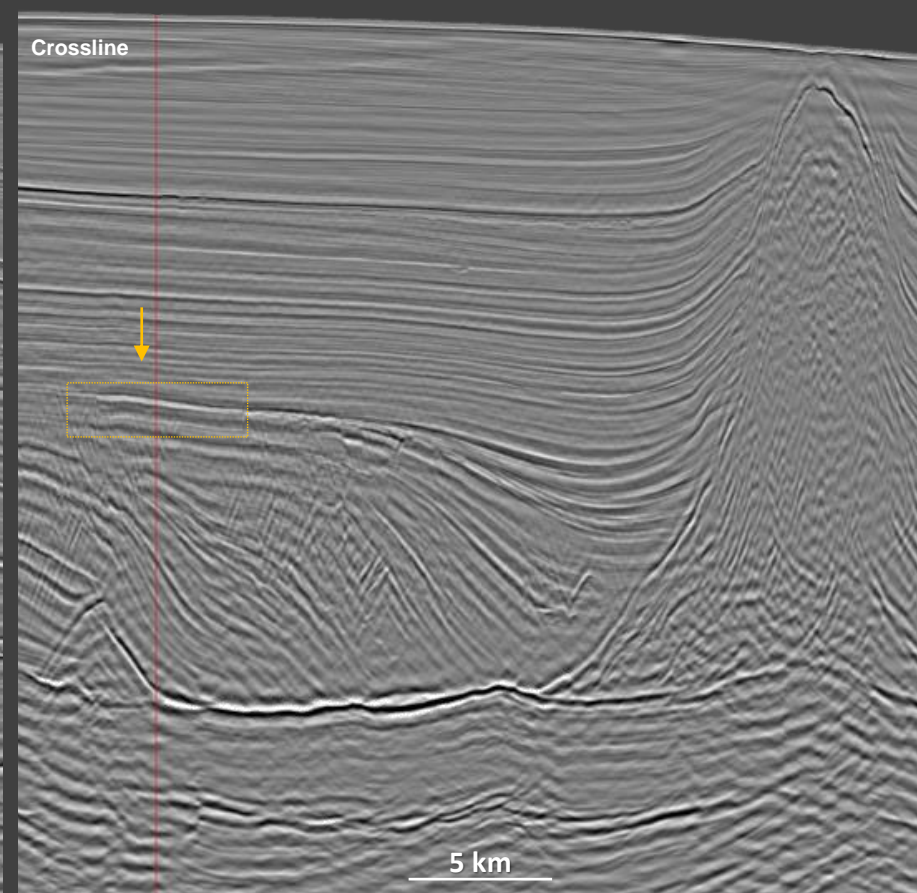
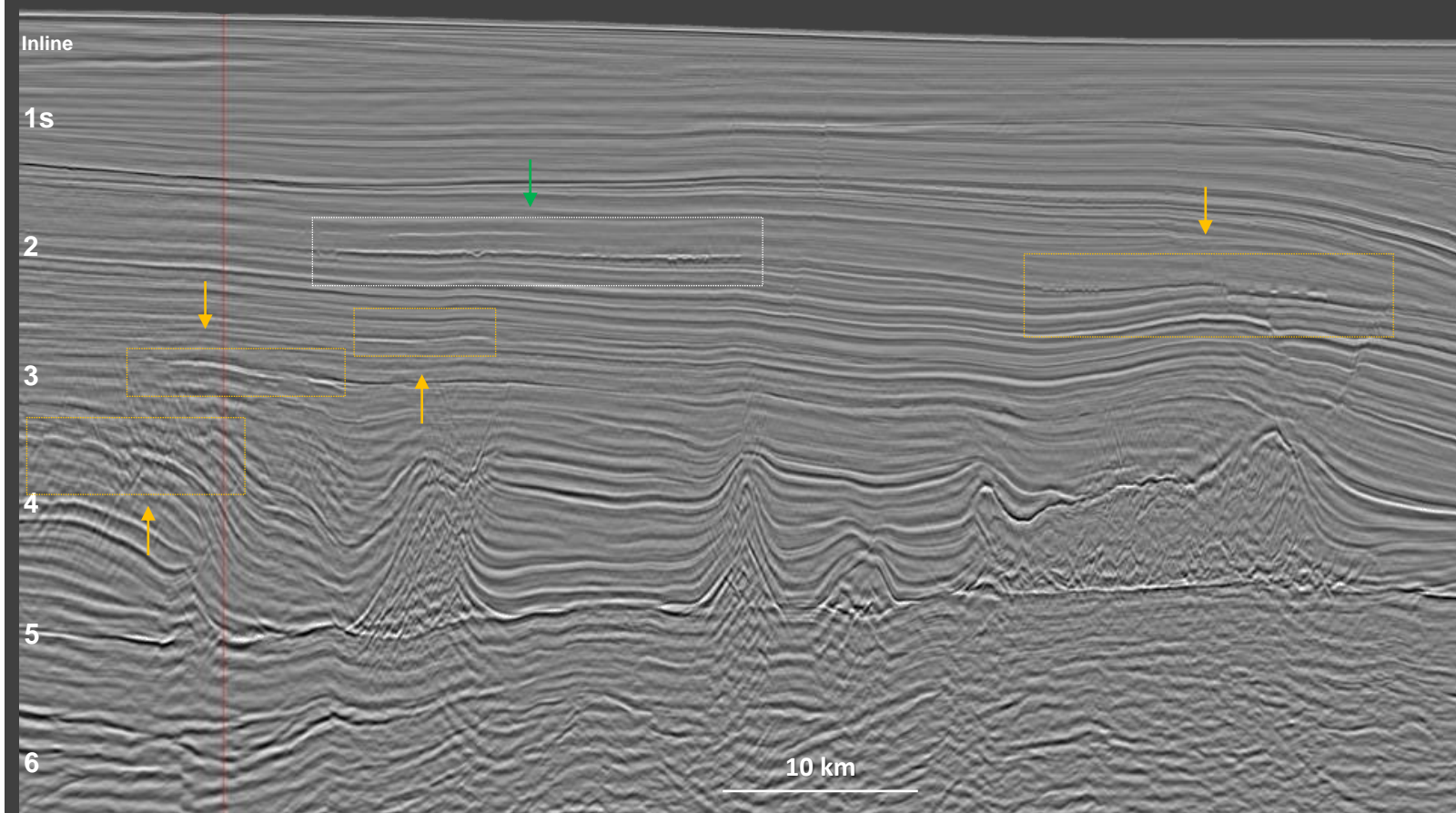
BACIA DE SANTOS

OPORTUNIDADES

CAMPO DE BAUNA

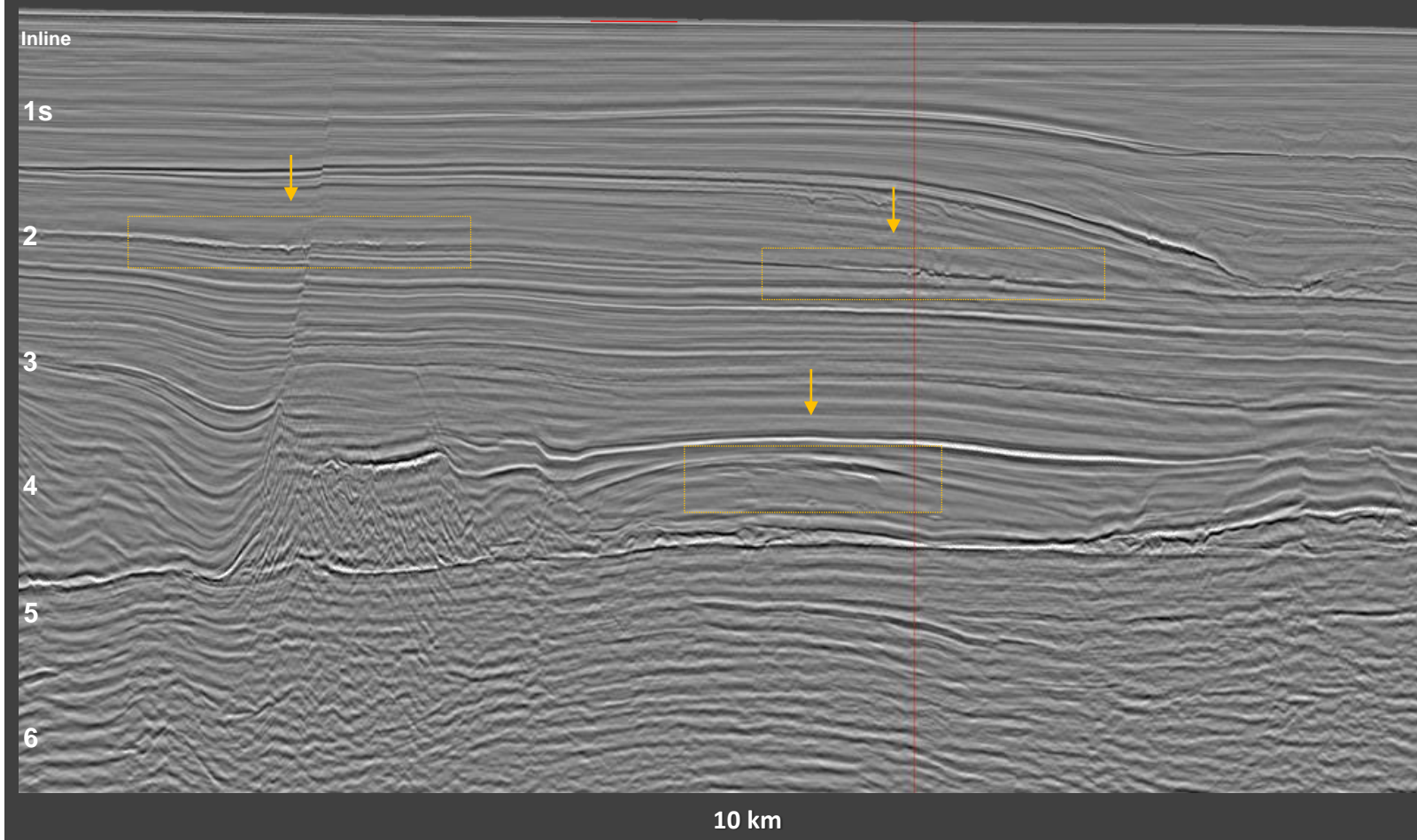
OPORTUNIDADES

Santos West - Relative Acoustic Impedance



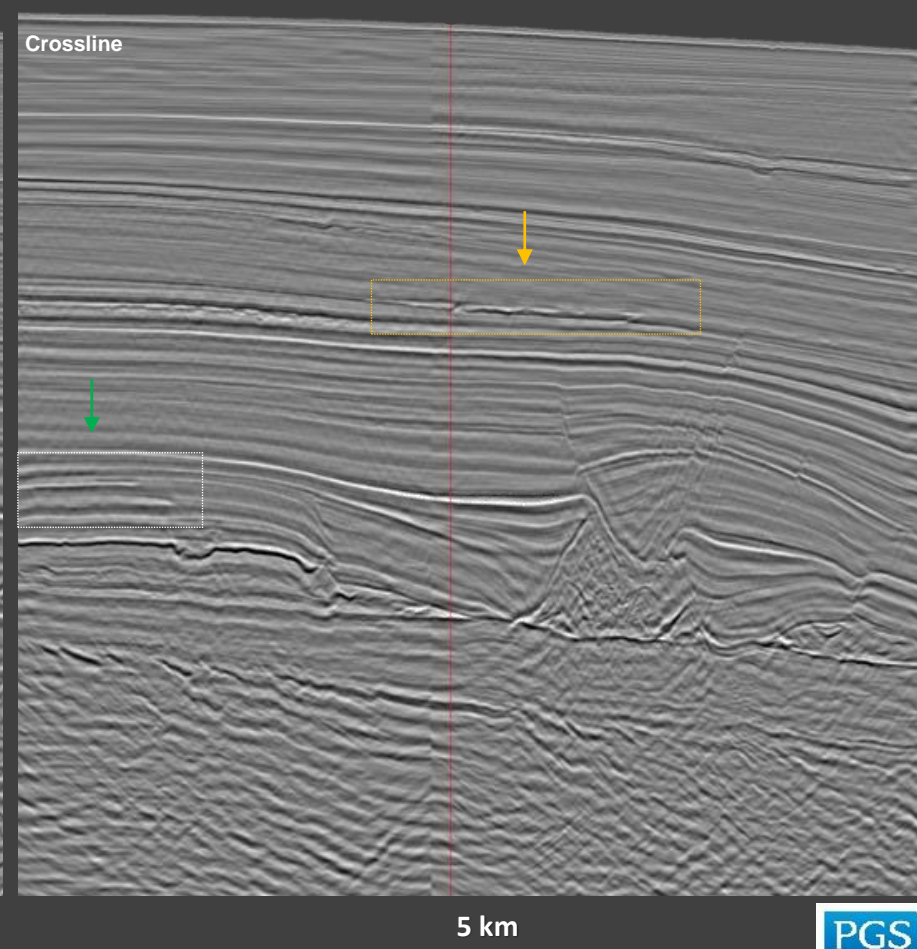
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OPORTUNIDADES

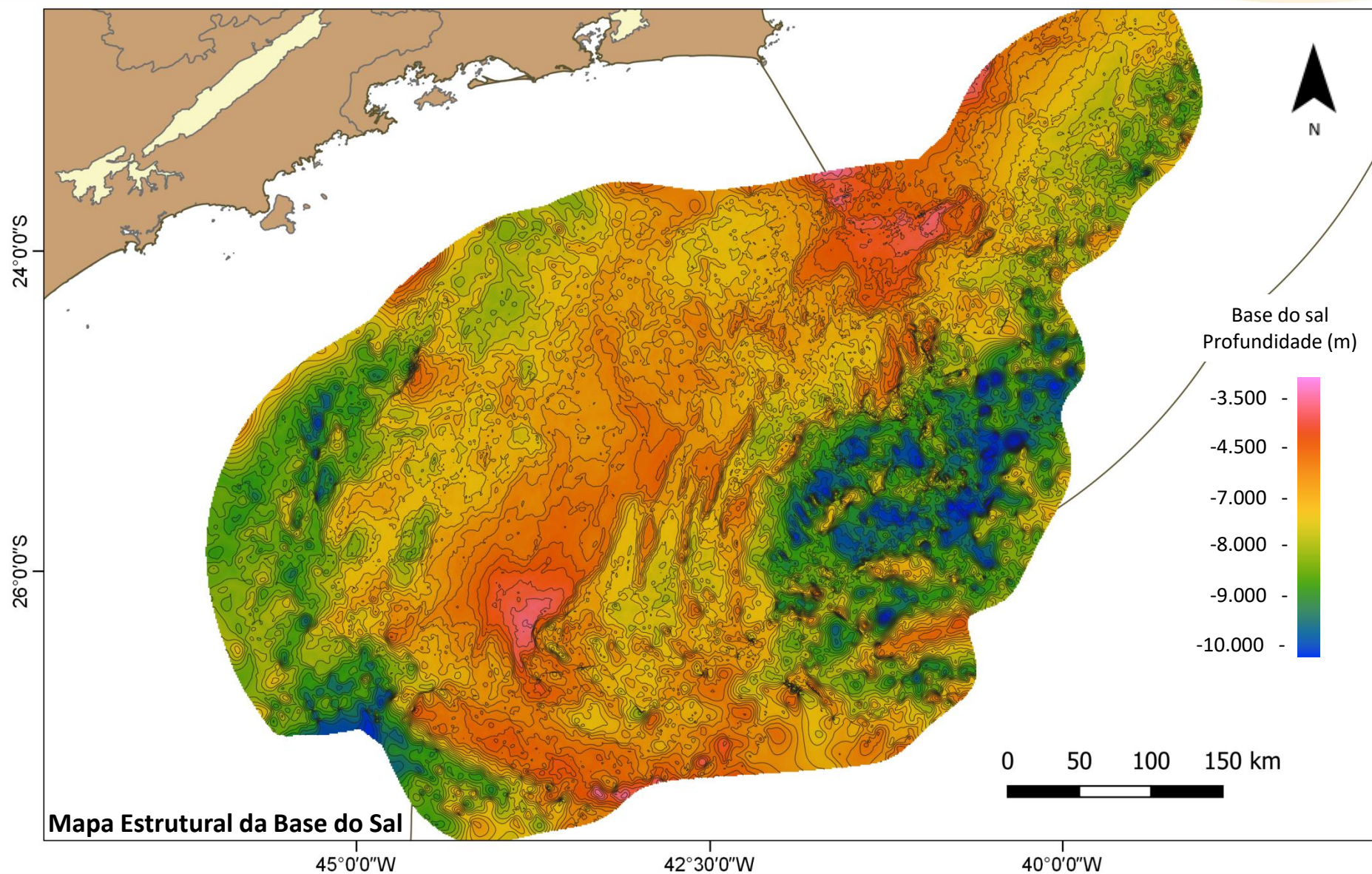


CARAVELA

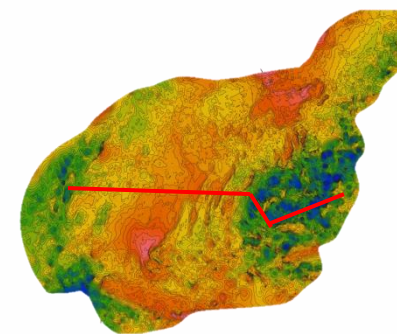
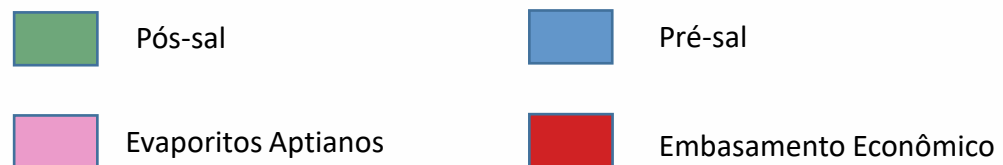
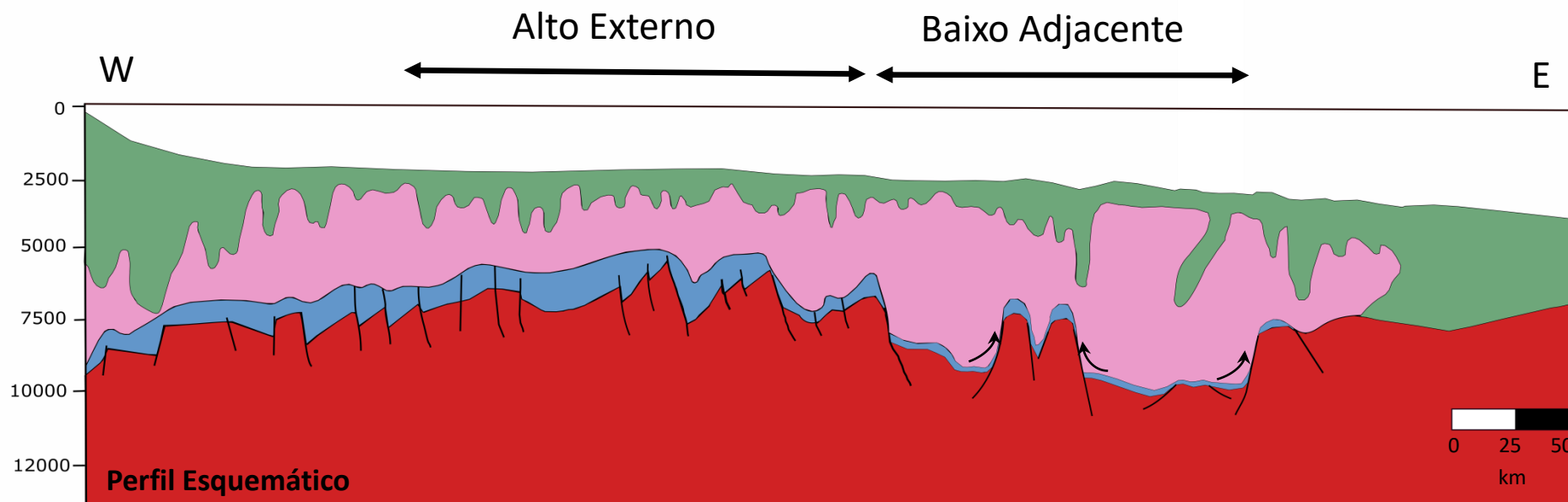
Santos West - Relative Acoustic Impedance



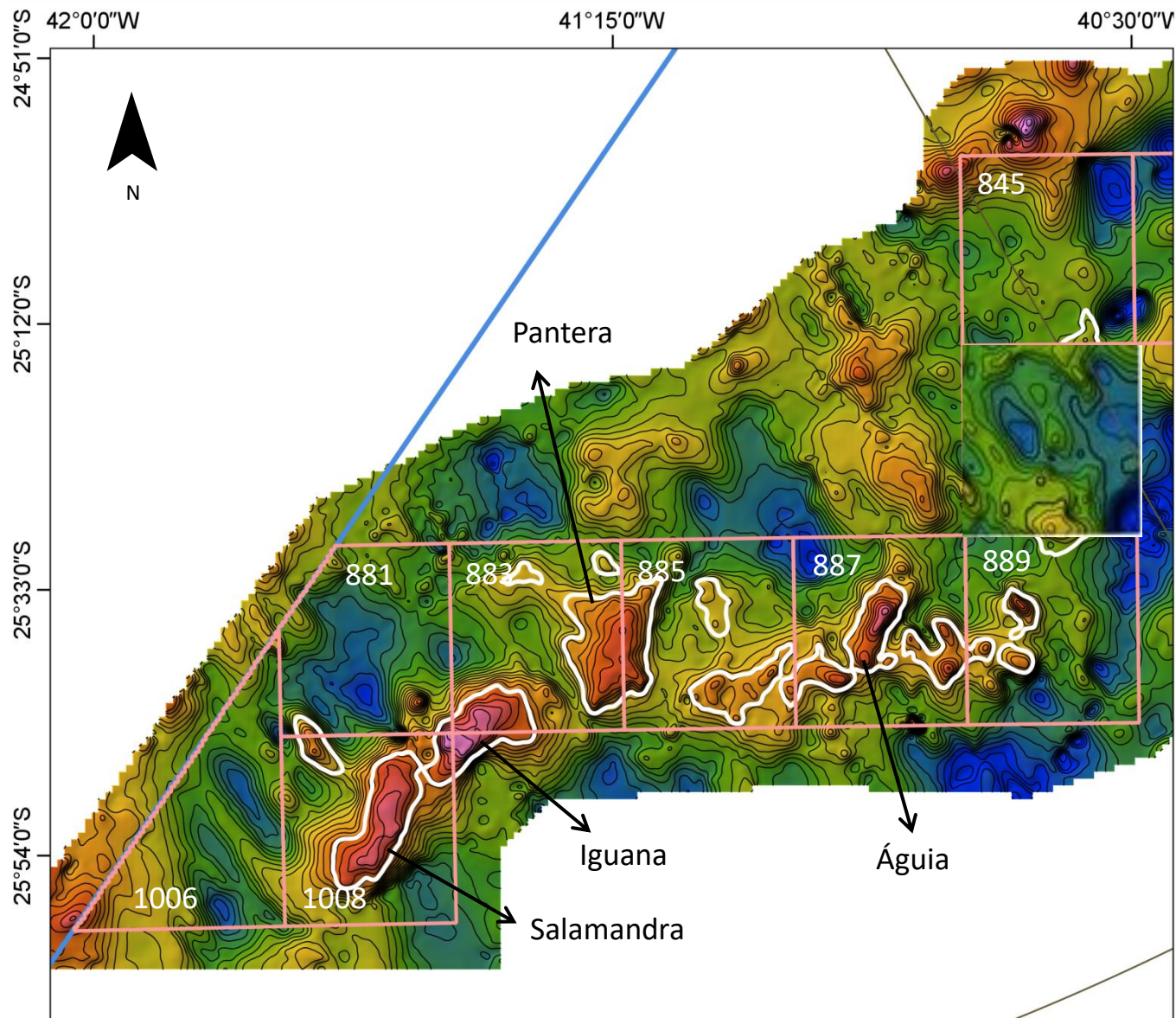
BACIA DE SANTOS



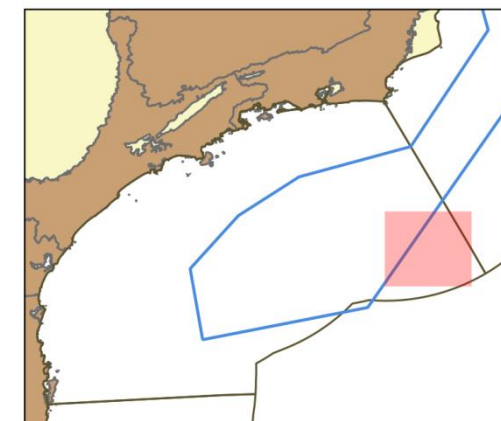
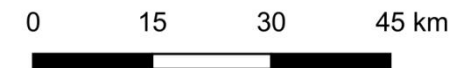
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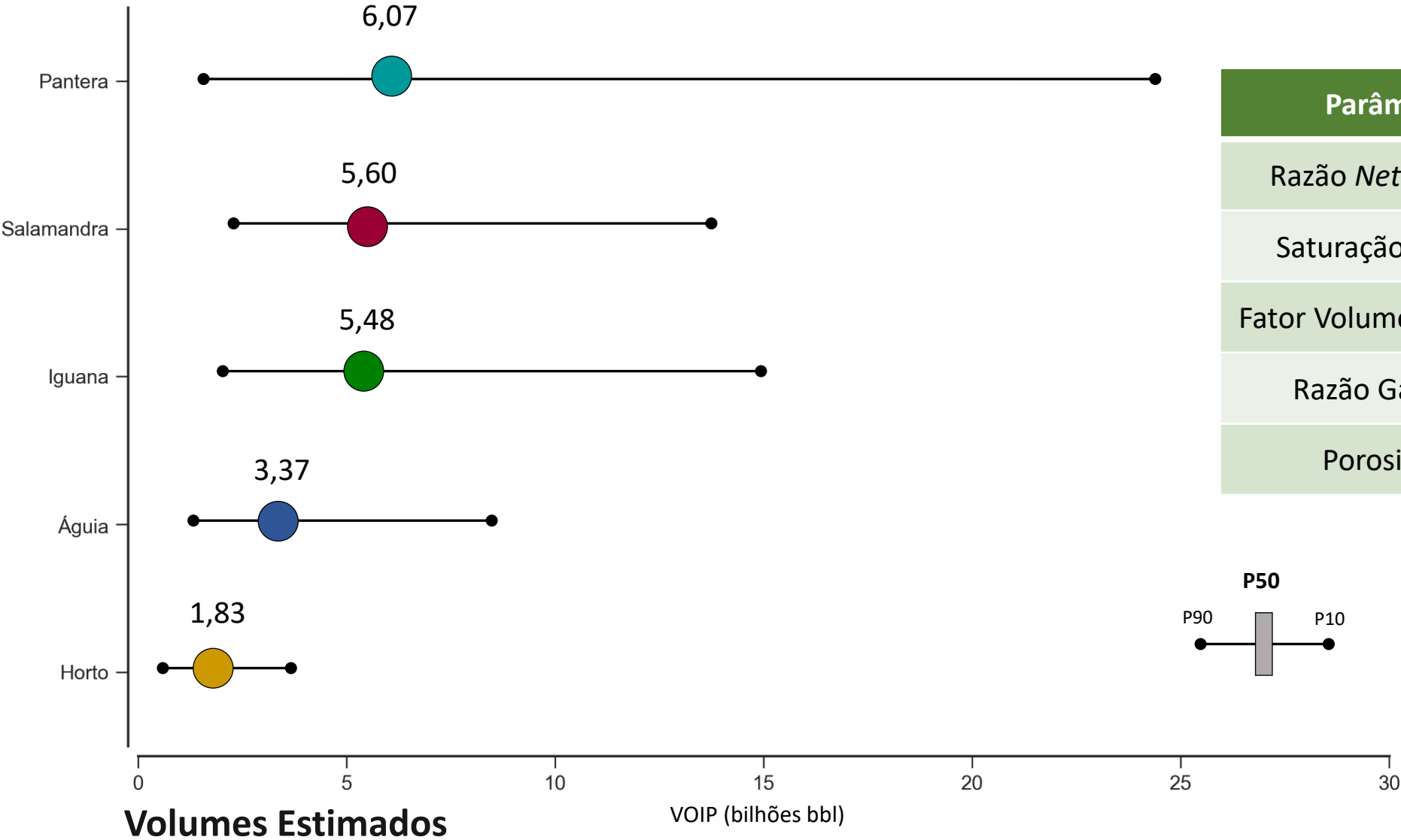
BACIA DE SANTOS



Mapa estrutural da Base do Sal em profundidade (m)

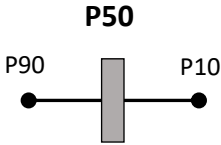


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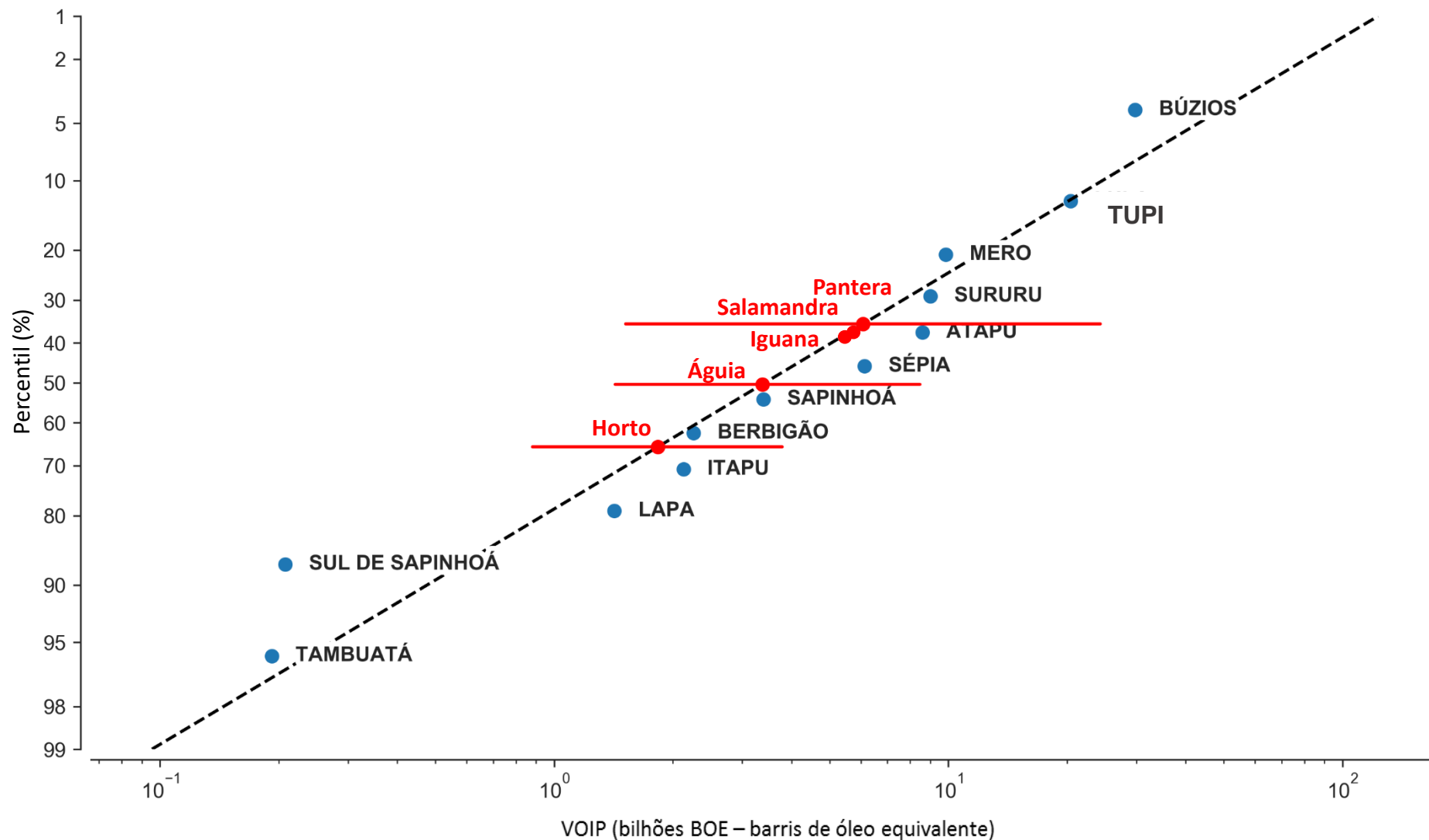


Obtidos do Campo de Tupi

Parâmetro	Moda
Razão <i>Net-to-Gross</i>	70%
Saturação de Óleo	68,4%
Fator Volume-Formação	1,6 Rm ³ /Sm ³
Razão Gás-Óleo	260 Sm ³ /Sm ³
Porosidade	10,95%



BACIA DE SANTOS



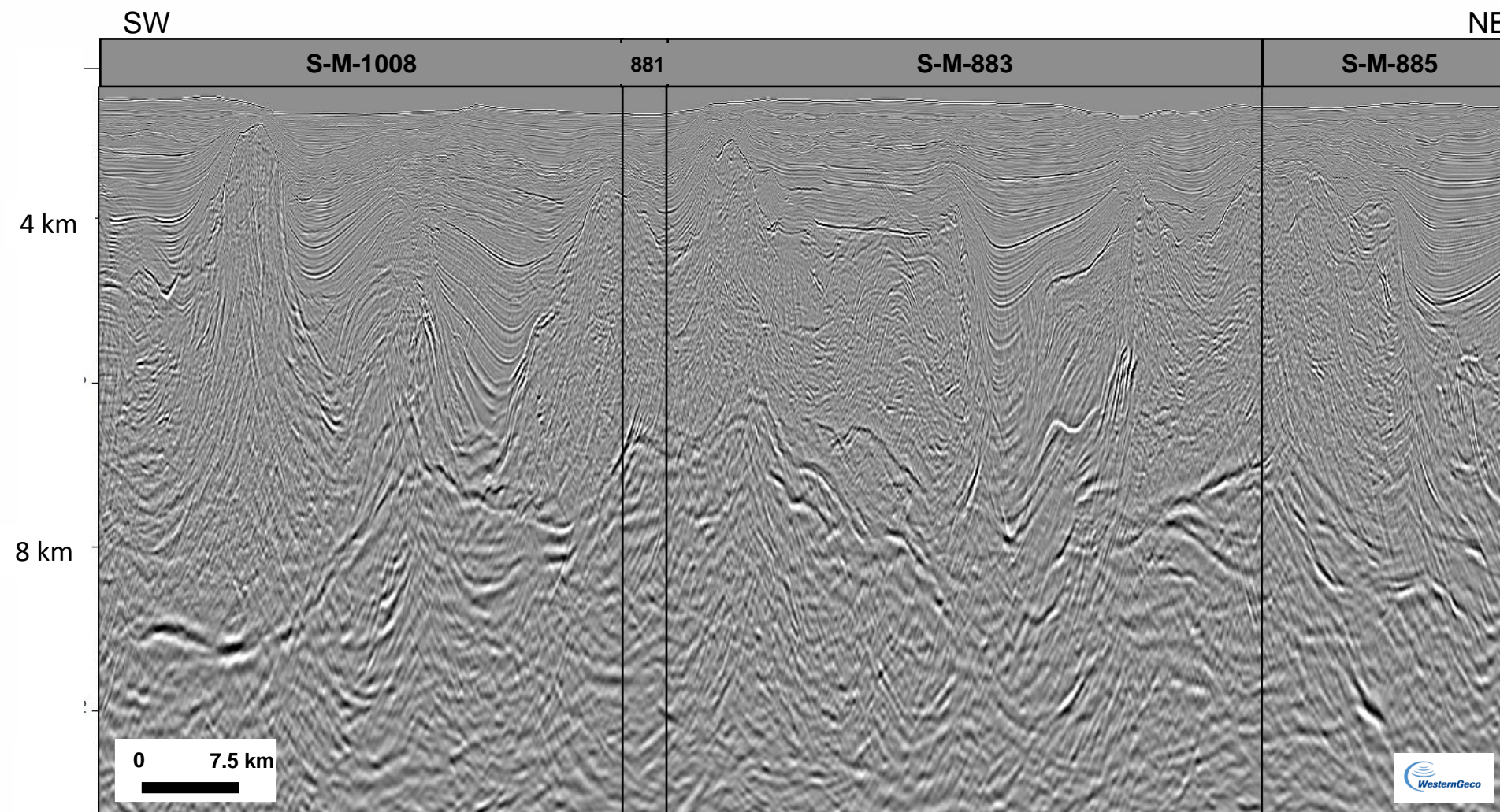
Nota: Gás livre convertido usando 169,9 m³/BOE

Fonte: Boletim Anual de Reservas da ANP (2018)

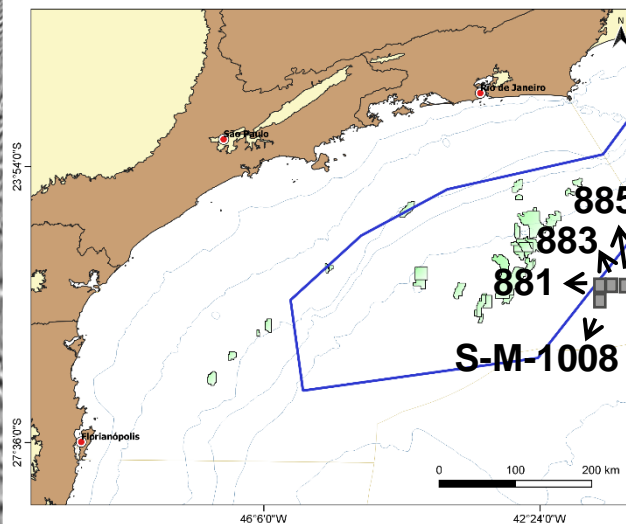
BACIA DE SANTOS

Salamandra, Iguana e Pantera

OFERTA
PERMANENTE
Brasil
CONCESSÕES DE PETRÓLEO E GÁS



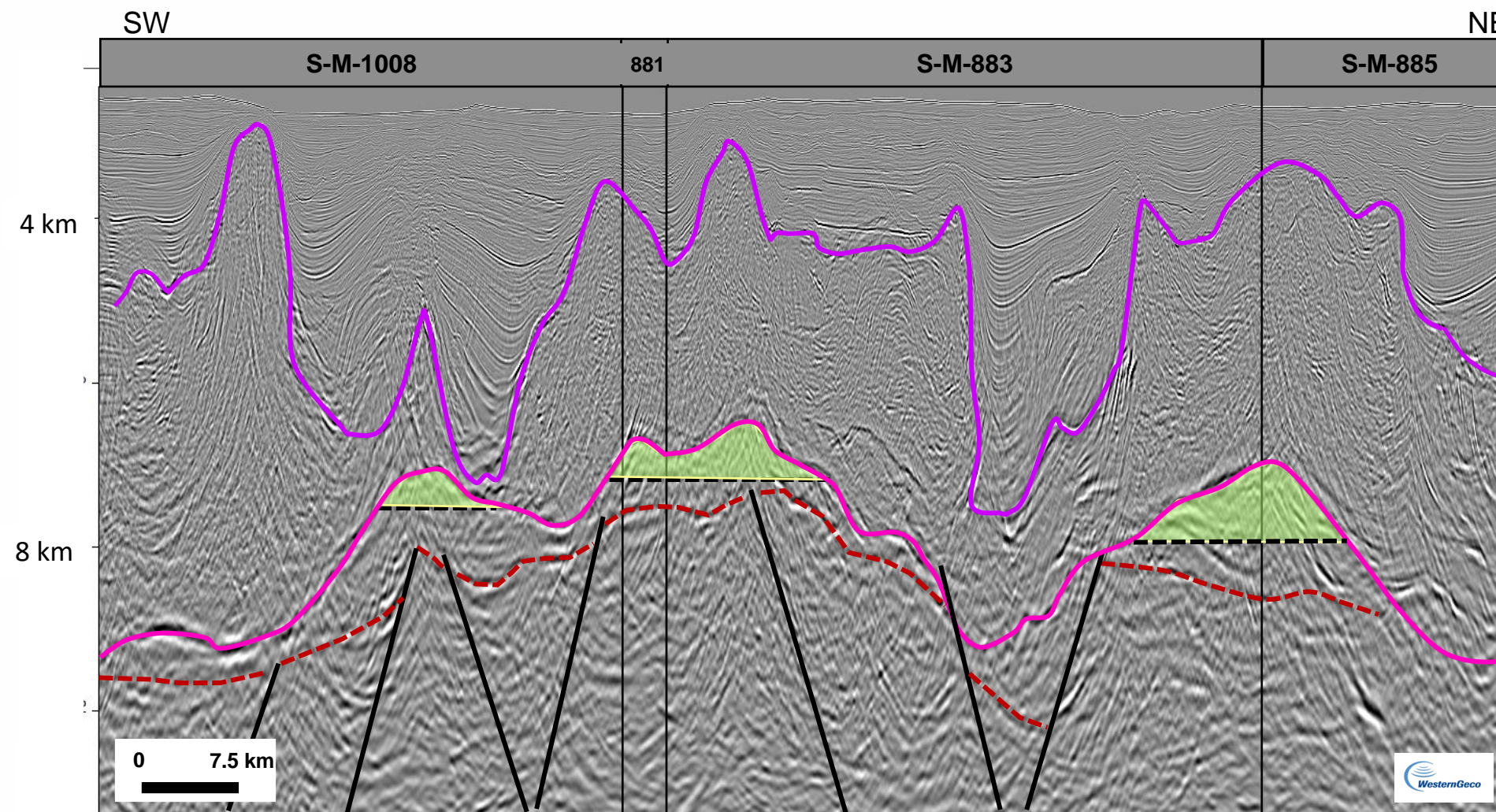
Bloco em Oferta



Linha: 1420 [R0258_2D_SPEC_PSDM_NTTI_BM_SBM_S]

BACIA DE SANTOS

Salamandra, Iguana e Pantera



Linha: 1420 [R0258_2D_SPEC_PSDM_NTTI_BM_SBM_S]

— Topo do Sal

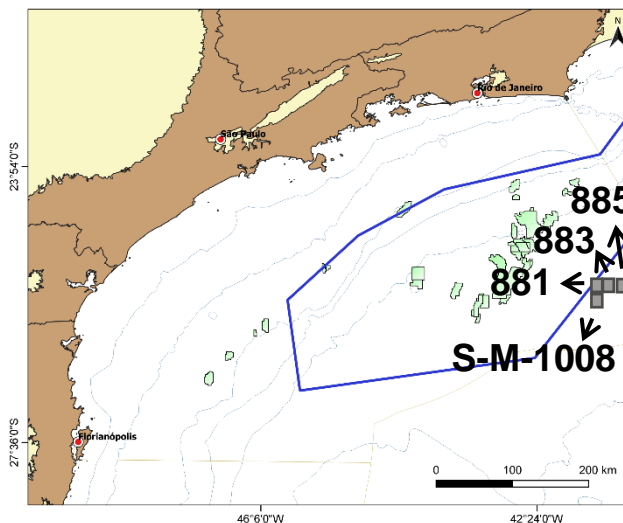
--- Embasamento Econômico

● Oportunidade Exploratória

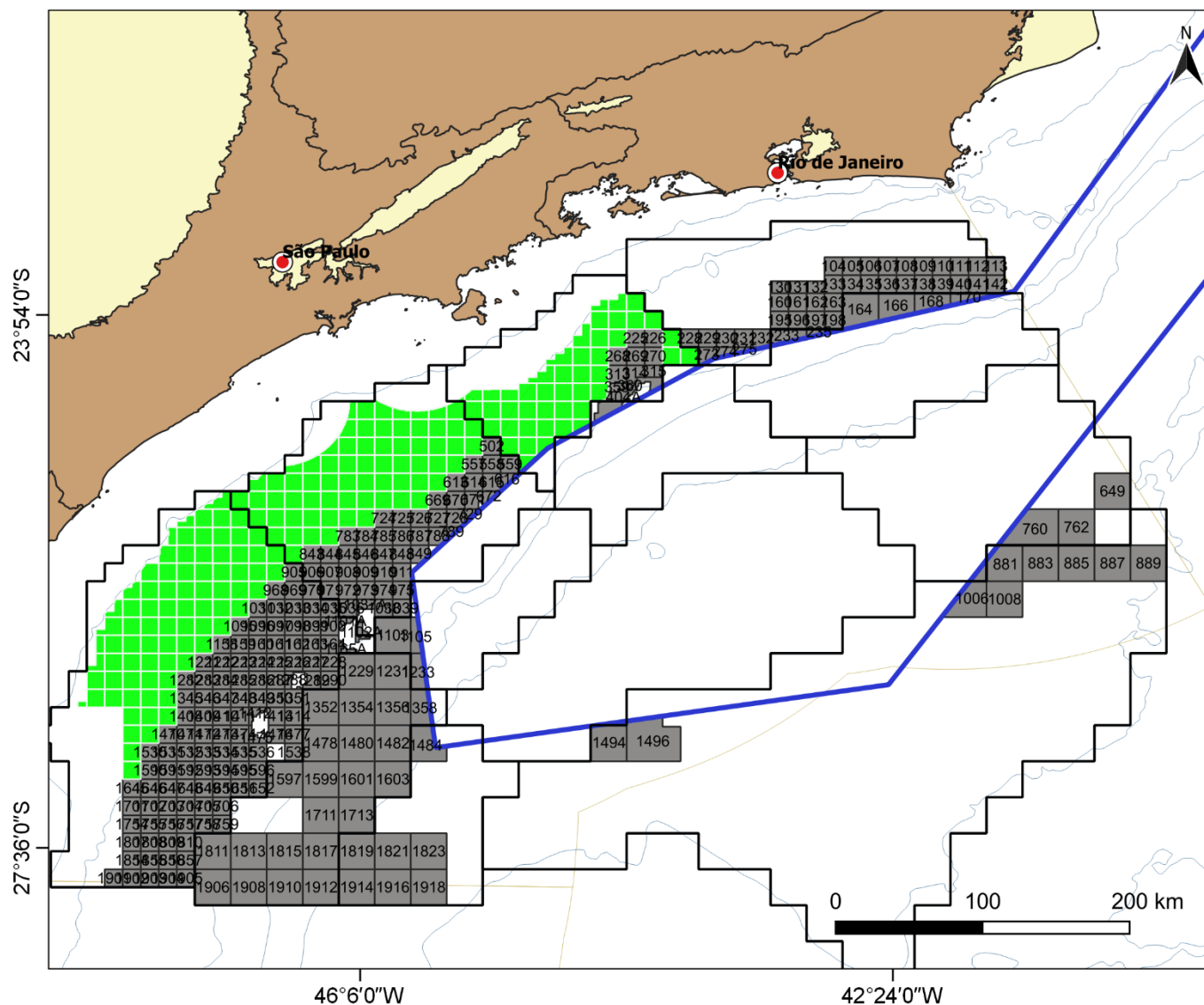
— Base do Sal

--- Contato óleo/água

Bloco em Oferta



BACIA DE SANTOS



260 Blocos em Oferta

SUPERINTENDÊNCIA DE AVALIAÇÃO GEOLÓGICA E ECONÔMICA

[ANP-SAG]

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Apoio

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Raquel Lima Façanha – Gestão da Informação

Ricardo Furtado – Avaliação Econômica

Vanderlei Sartori – Avaliação Econômica

Yasminne Marie Lobo Alves Sodre – SIG e Meio Ambiente

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Roselane Bejamim Xavier

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Assessor – Andrei de Marco Dignart - Geólogo

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Assessor – Melissa Cristina Pinto Pires Mathias

Assessor – Marcelo Meirinho Caetano

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