

**GRANTING OF AN EXPLORATION RIGHT FOR PETROLEUM IN TERMS OF SECTION 80 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT NO. 28 OF 2002) (“THE ACT”): BLOCK 1, OFFSHORE, WEST COAST IN THE ORANGE BASIN, NORTHERN CAPE PROVINCE**

Notice is hereby given that the Director-General has granted an exploration right in terms of section 80 of the Act for the exploration of petroleum in the area mentioned above.

**DETAILS OF EXPLORATION RIGHT**

Name of the Holder	Tosaco Energy (Pty) Ltd
Date of grant	27 February 2025
Duration	27 February 2025 to 26 February 2028
Term/Phase	Initial Period
Exploration area	See the sketch plan attached as <b>Annexure A</b>
Activities to be undertaken	See approved exploration work programme attached as <b>Annexure B</b>

**Environmental Authorisation (EA)**

The proposed activities by the Holder constitute desktop studies. Activity 18, Listing Notice 2 of the Environmental Impact Assessment Regulations, 2014, as amended exempt the Holder of an exploration right from applying for an EA if the Holder will be conducting only desktop study under the exploration right. Therefore, no EA is required for the activities to be undertaken.

## **Right to appeal**

Any person aggrieved by the administrative decision taken by the Director-General is advised to lodge an appeal in terms of Regulation 74 of the Mineral and Petroleum Resources Development Regulations to the Minister: Mineral Resources and Petroleum for the attention of the Director: Legal Services.

Please note that the appeal must be accompanied by a fee of R500, 00 and must be addressed to the below address with a copy forwarded to the Office of the Chief Executive Officer:

Department of Mineral and Petroleum Resources

Private Bag X59

Pretoria

0001

For attention: Director: Legal Services

Dated in Cape Town on the 7<sup>th</sup> of May 2025.



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**Ms Sibongile Malie  
Executive Manager:  
Licensing, Regulation and Local Content**

## Annexure B

### **Exploration Work Programme**

Tosaco conducted desktop studies over the area applied for under a technical cooperation permit and the results suggested that the area has potential for petroleum and natural gas. Tosaco intends to further explore the area for petroleum and natural gas under the exploration right with the objective being to determine the nature and distribution of reservoirs that could be hosting oil and gas. As part of the exploration activities to be undertaken, Tosaco will conduct the following:

<b>Minimum Work Commitment</b>	<b>Estimated window of activity</b>
<b>Review and interpret</b> Regional well reports <ul style="list-style-type: none"><li>• 2D Data Projects and Acquisition/Processing Parameters</li><li>• 3D Data Projects and Acquisition/Processing Parameters</li><li>• Regional technical reports</li><li>• GIS data available</li><li>• Review regional well inventories</li><li>• Review current geological interpretation</li><li>• Review regional structural information</li></ul>	Month 1-12
<b>Work Seismic model</b> <ul style="list-style-type: none"><li>• Develop regional interpretive mode</li></ul>	Month 12-24
<b>Begin Prospect inventory</b> <ul style="list-style-type: none"><li>• Consider reprocessing focus areas</li><li>• Begin resources model</li></ul>	Month 12-24
<b>Complete necessary reprocessing (if required)</b> <ul style="list-style-type: none"><li>• Complete interpretation</li></ul>	Month 12-24
<b>Complete resource report</b> <ul style="list-style-type: none"><li>• Consider 3D acquisition (for next phase)</li></ul>	Month 24 -36
<b>Contingent Work commitment</b>	
Complete necessary seismic reprocessing <ul style="list-style-type: none"><li>• Complete interpretation</li></ul>	Month 24-36



**GOEDKEURING VAN 'N HERNUWING VAN EXPLORATIEREG VIR PETROLEUM INGEVOLGE ARTIKEL 80 VAN DIE WET OP MINERAAL- EN PETROLEUMHULPBRONNEONTWIKKELING, 2002 (WET NR. 28 VAN 2002) ("DIE WET"): BLOCK 1, BUITELAND, WESKUS IN DIE ORANJE BEK, NOORD-KAAP PROVINSIE**

Kennis word hiermee gegee dat die Direkteur-generaal 'n eksplorasiereg ingevolge artikel 80 van die Wet vir die eksplorasie van petroleum in die gebied hierbo genoem.

**BESONDERHEDE OF EXPLORATIONREGS**

Naam van die aansoeker/houer	Tosaco Energy (Edms) Bpk
Datum van toekenning	27 Februarie 2025
Duur	27 Februarie 2025 tot 26 Februarie 2028
Termyn/Fase	Aanvanklike tydperk
Verkenningsgebied	Sien die sketsplan aangeheg as Bylae A
Aktiwiteite wat onderneem moet word	Sien goedgekeurde eksplorasiewerkprogram aangeheg as Bylae B

## **Omgewingsmagtiging (OM)**

Die voorgestelde aktiwiteite deur die houer is lessenaarstudies. Aktiwiteit 18, Noteringskennisgewing 2 van die Omgewingsimpakbepalingsregulasies, 2014, soos gewysig, stel die houer van 'n eksplorasiereg vry van aansoek om 'n OM as die houer slegs lessenaarstudies onder die eksplorasiereg sal doen. Daarom is geen OM nodig vir die aktiwiteite wat onderneem moet word nie.

## **Reg om te appelleer**

Enige persoon wat gegrief is deur die administratiewe besluit wat deur die Direkteur-Generaal geneem is, word aangeraai om appèl ingevolge Regulasie 74 van die Minerale en Petroleum Hulpbronne Ontwikkelingsregulasies aan te teken by die Minister: Minerale en Petroleum Hulpbronne vir die aandag van die Direkteur: Regsdienste.

Neem asseblief kennis dat u appèl vergesel moet word van 'n fooi van R500,00 en aan die onderstaande adres gerig moet word met 'n afskrif wat aan die Kantoor van die Hoof Uitvoerende Beamppte gestuur word:

Departement van Minerale en Petroleum hulpbronne

Privaatsak X59

Pretoria

0001

Vir aandag: Direkteur: Regsdienste

Gedateer in Kaapstad op 7 Mei 2025.



**Ms Sibongile Malie**

**Uitvoerende Bestuurder: Lisensiëring, Regulering en Plaaslike Inhoud**

## Bylae B

### Verkenningswerkprogram

Tosaco het lessenaarstudies gedoen oor die gebied waarvoor aansoek gedoen is kragtens 'n tegniese samewerkingpermit en die resultate het voorgestel dat die gebied potensiaal het vir petroleum en aardgas. Tosaco beoog om die gebied verder te verken vir petroleum en aardgas onder die eksplorasiereg met die doel om die aard en verspreiding van reservoirs wat olie en gas kan huisves, te bepaal. As deel van die eksplorasieaktiwiteite wat onderneem moet word, sal Tosaco die volgende doen;

Minimum werksverbintenis	Geskatte venster van aktiwiteit
<b>Hersien en interpreteer</b> Streekspoorverslae <ul style="list-style-type: none"><li>• 2D-dataprojekte en verkrygings- / verwerkingsparameters</li><li>• 3D-dataprojekte en verkrygings- / verwerkingsparameters</li><li>• Streek tegniese verslae</li><li>• GIS-data beskikbaar</li><li>• Hersien plaaslike putvoorraad</li><li>• Hersien huidige geologiese interpretasie</li><li>• Hersien streekstrukturele inligting</li></ul>	Maand 1-12
<b>Werk Seismiese model</b> <ul style="list-style-type: none"><li>• Ontwikkel streeksinterpretasiemodus</li></ul>	Maand 12-24
<b>Begin vooruitsigvoorraad</b> <ul style="list-style-type: none"><li>• Oorweeg die herverwerking van fokusareas</li><li>• Begin hulpbronmodel</li></ul>	Maand 12-24
<b>Voltooи die nodige herverwerking (indien nodig)</b> <ul style="list-style-type: none"><li>• Volledige interpretasie</li></ul>	Maand 12-24
<b>Volledige hulpbronverslag</b> <ul style="list-style-type: none"><li>• Oorweeg 3D-verkryging (vir die volgende fase)</li></ul>	Maand 24 -36
<b>Voorwaardelike werkverbintenis</b>	
Voltooи die nodige seismiese herverwerking <ul style="list-style-type: none"><li>• Volledige interpretasie</li></ul>	Maand 24-36



Tosaco Energy (Pty) Ltd

**Block 1 Offshore RSA**

**PLAN OF AREA OF AN EXPLORATION RIGHT FOR PETROLEUM**

The figure defined by the points 1 to 30, LOW WATER MARK represents 19907.47 square kilometres

of seabed within the exclusive economic zone of the Republic of South Africa and for which an exploration right is granted in terms of section 80 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).

This plan has been prepared in accordance with the requirements of regulation 42 of the regulations in terms of the Mining Titles Registration Act 1967 (16 of 1967),

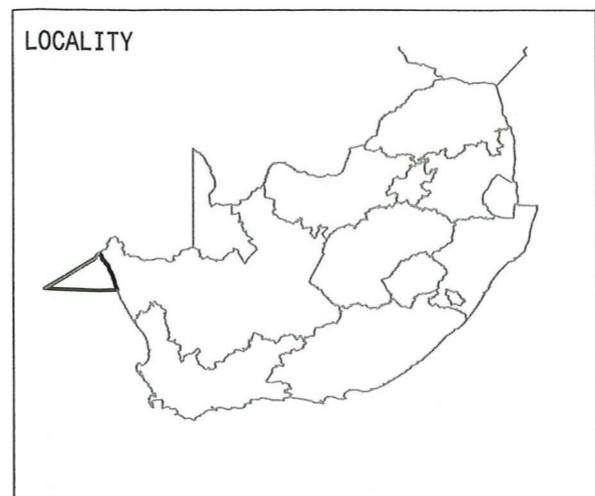
provided that the figure depicted and described on this plan, the area of the figure and the co-ordinates listed hereon are subject to change, as may be necessary, to conform to the requirements in respect of the definition of co-ordinated point, contained in regulation 3 of the regulations in terms of the Mining Titles Registration Act, 1967 (16 of 1967).

DEPT. OF MINERAL RESOURCES REF. No. 12/31362

 18 March 2025  
M B Straughan date  
PROFESSIONAL LAND SURVEYOR Registration No. G.Pr. LS0907D

Co-ordinate list: datum WGS84						
Point	Latitude d m s	Longitude d m s	Side	Distance m	Forward azimuth d m s	Reverse azimuth d m s
1	30° 00' 01.2276" S	17° 09' 38.1663" E	1 - 2	263151.16	270° 00' 00.0000"	rhumb line
2	30° 00' 01.2276" S	14° 25' 59.6986" E	2 - 3	109483.78	54° 32' 14.4350"	234° 04' 54.6926"
3	29° 25' 26.7600" S	15° 21' 07.9100" E	3 - 4	3368.19	54° 05' 27.7307"	234° 04' 38.0328"
4	29° 24' 22.5900" S	15° 22' 49.1000" E	4 - 5	16854.38	54° 09' 39.8208"	234° 05' 31.5414"
5	29° 19' 01.8100" S	15° 31' 15.4600" E	5 - 6	27670.10	54° 14' 53.4679"	234° 08' 07.4824"
6	29° 10' 16.0000" S	15° 45' 06.4900" E	6 - 7	6482.24	54° 03' 52.8251"	234° 02' 18.2336"
7	29° 08' 12.4000" S	15° 48' 20.6600" E	7 - 8	7122.41	54° 24' 14.3063"	234° 22' 30.0839"
8	29° 05' 57.7000" S	15° 51' 54.8400" E	8 - 9	1493.96	54° 32' 36.5498"	234° 32' 14.6679"
9	29° 05' 29.5500" S	15° 52' 39.8400" E	9 - 10	7444.98	55° 49' 36.1548"	235° 47' 45.5160"
10	29° 03' 13.6700" S	15° 56' 27.5300" E	10 - 11	523.26	55° 48' 47.8323"	235° 48' 40.0626"
11	29° 03' 04.1200" S	15° 56' 43.5300" E	11 - 12	3167.62	56° 21' 48.9557"	236° 21' 01.6370"
12	29° 02' 07.1200" S	15° 58' 21.0000" E	12 - 13	1882.71	56° 39' 05.3881"	236° 38' 37.1838"
13	29° 01' 33.5000" S	15° 59' 19.1200" E	13 - 14	4533.77	53° 48' 35.9653"	233° 47' 30.3953"
14	29° 00' 06.5300" S	16° 01' 34.3100" E	14 - 15	341.38	54° 02' 52.8139"	234° 02' 47.8638"
15	29° 00' 00.0200" S	16° 01' 44.5200" E	15 - 16	362.13	54° 15' 47.6598"	234° 15' 42.3950"
16	28° 59' 53.1500" S	16° 01' 55.3800" E	16 - 17	8935.07	54° 37' 02.6018"	234° 34' 52.2820"
17	28° 57' 05.0300" S	16° 06' 24.4000" E	17 - 18	3008.97	54° 58' 58.6803"	234° 58' 14.6458"
18	28° 56' 08.9400" S	16° 07' 55.3900" E	18 - 19	155.00	55° 23' 03.0105"	235° 23' 00.7317"
19	28° 56' 06.0800" S	16° 08' 00.1000" E	19 - 20	2089.66	55° 56' 52.0692"	235° 56' 21.1488"
20	28° 55' 28.0700" S	16° 09' 04.0200" E	20 - 21	918.03	56° 13' 12.1015"	236° 12' 58.4779"
21	28° 55' 11.4900" S	16° 09' 32.1900" E	21 - 22	1498.14	56° 32' 32.6960"	236° 32' 10.3859"
22	28° 54' 44.6600" S	16° 10' 18.3300" E	22 - 23	2640.89	56° 59' 17.7843"	236° 58' 38.2734"
23	28° 53' 57.9200" S	16° 11' 40.0700" E	23 - 24	3274.44	57° 17' 57.9278"	237° 17' 08.7961"
24	28° 53' 00.4500" S	16° 13' 21.7600" E	24 - 25	97.08	58° 39' 40.4701"	238° 39' 38.9920"
25	28° 52' 58.8100" S	16° 13' 24.8200" E	25 - 26	1671.54	58° 36' 01.3764"	238° 35' 35.9484"
26	28° 52' 30.5200" S	16° 14' 17.4700" E	26 - 27	8970.39	52° 57' 40.1172"	232° 55' 32.6762"
27	28° 49' 34.9400" S	16° 18' 41.5800" E	27 - 28	1510.82	42° 02' 06.7265"	222° 01' 48.7401"
28	28° 48' 58.4900" S	16° 19' 18.8900" E	28 - 29	17193.78	32° 52' 48.6373"	212° 50' 03.2530"
29	28° 41' 09.3500" S	16° 25' 02.7200" E	29 - 30	6798.37	32° 46' 21.1677"	212° 45' 16.1859"
30	28° 38' 03.6552" S	16° 27' 18.2079" E	30 - 1		approximate low water mark	

- Plan prepared from information supplied by National Geo-spatial Information (NGI), Mowbray, Cape Town, the Petroleum Agency South Africa (PASA), the Chief Surveyor General and by the applicant.
- The plan datum is WGS84 and the area of the figure hereon was calculated using the tabulated geographic co-ordinates and an approximation of the low water mark.
- Directions are clockwise from True North.
- All sides of the application area defined by co-ordinates are geodesics except the side 1 to 2 which is a rhumb line.
- The approximation of the low water mark is based on orthoimages supplied by and copyright NGI.
- The sides defined by points 2 to 29 represent a draft international maritime boundary between the Republic of South Africa and the Republic of Namibia which is not ratified; the definition of which was provided by NGI.
- The dotted line which lies roughly parallel and between ±300 and ± 600 metres to the southeast of the exploration right boundary defined by the points 1 to 30 is the draft international maritime boundary as provided by the South African Naval Hydrographer's Office (SANHO).
- No assertions, express or implied, are made as to the correctness of the NGI and SANHO boundaries.
- No confirmation of anything on this plan has been carried out by survey.
- Projection is Plate Carrée.



Sheet 1 of 2 sheets

**f&b** friedlaender, burger & volkmann

PROFESSIONAL LAND SURVEYORS. SECTIONAL TITLE CONSULTANTS. MAPPING CONSULTANTS  
Stellenbosch House 4, Parcypal, 7600. T +27 21 6054004. Cape Town 105 E. George's Mat. 6000. T +27 21 0071601  
Rebeek Kasteel 3 Bergsig. Water Street, 7300. T +27 22 4431024  
enquiries@fbv.co.za • www.fbv.co.za

**BSCH**  
**NM**

Tosaco Energy (Pty) Ltd

Block 1 Offshore RSA

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DEPT. OF MINERAL RESOURCES REF. NO. 12/3/362

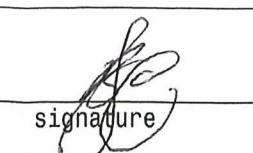
M B Straughan 18 March 2025  
date  
G.Pr. LS0907D

PROFESSIONAL  
LAND SURVEYOR  
Registration No.

For applicant LAWRENCE MULAUZI  
name

  
signature

03/06/2025  
date

  
signature

03/06/2025  
date

CHIEF EXECUTIVE OFFICER, PETROLEUM AGENCY SA, CAPE TOWN

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Dwg: reg 42 plan block 1 er feb 2025.dwg

Revision:

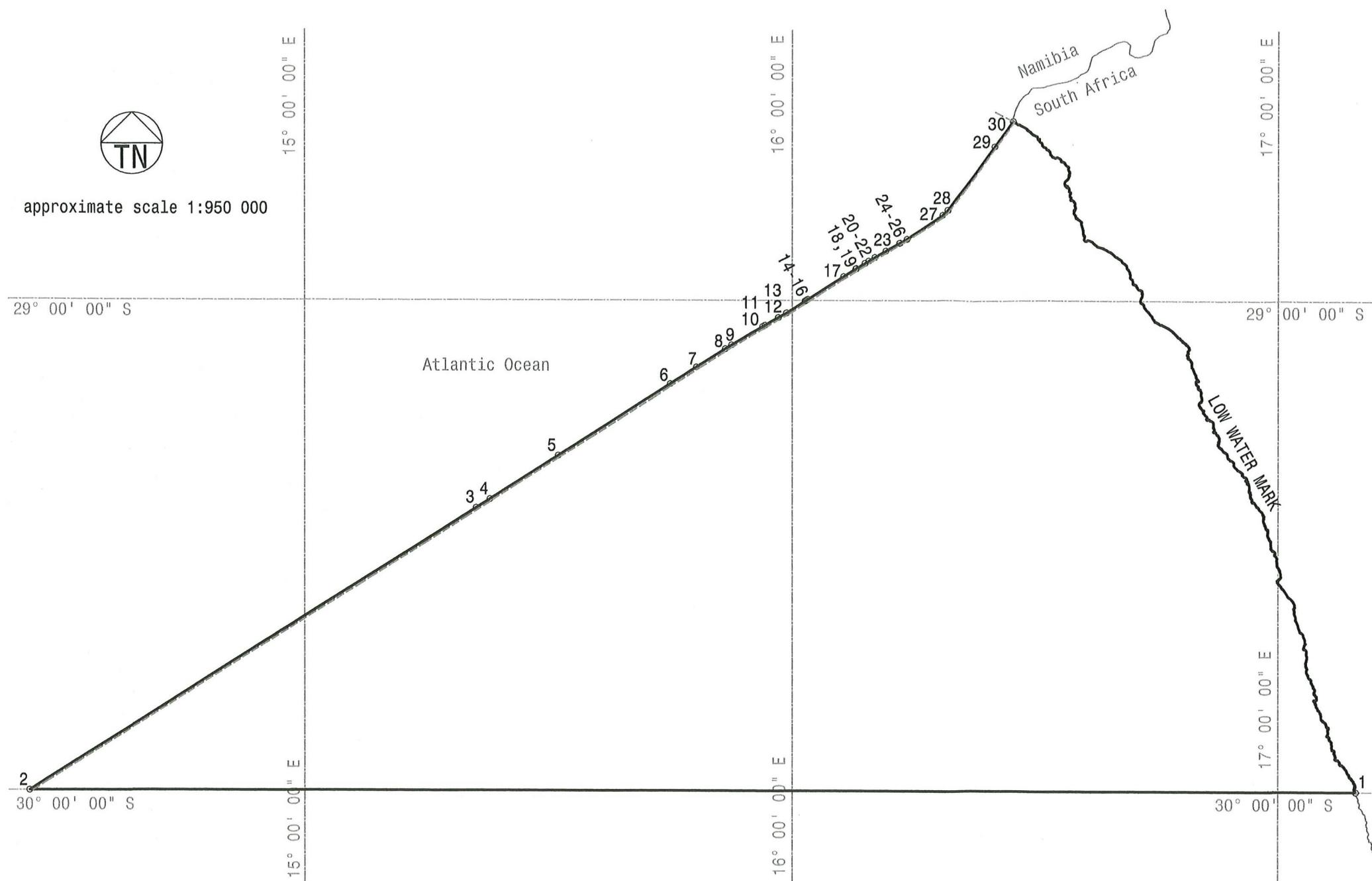
Date: 18 March 2025



friedlaender, burger & volkmann  
PROFESSIONAL LAND SURVEYORS, SECTIONAL TITLE CONSULTANTS, MAPPING CONSULTANTS  
Stellenbosch House 4, Parowval, 7600 T +27 21 6504004 Cape Town 150 St. George's Mall, 8000 T +27 21 0021661  
Riebeek Kasteel 3 Bergsig, Water Street, 7500 T +27 22 4491024  
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approximate scale 1:950 000



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