



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 07/04/2020
Rel. 159/2020 – DF

PORTARIA ANM N° 16/2020, DE 3 DE ABRIL DE 2020

O DIRETOR-GERAL DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pelo Decreto n° 9.587/2018, e tendo em vista o que consta do Processo n° 832.483/1986, resolve:

Art. 1° Outorgar à SUPERCAL PAINS LTDA, concessão para lavrar CALCÁRIO DOLOMÍTICO, CALCÁRIO, no(s) Município(s) de ARCOS/MG, numa área de 19,81ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long): 20°22'11,783''S/45°33'38,715''W; 20°22'11,783''S/45°33'41,129''W; 20°22'07,231''S/45°33'41,129''W; 20°22'07,231''S/45°33'52,623''W; 20°22'16,168''S/45°33'52,624''W; 20°22'16,168''S/45°33'52,618''W; 20°22'20,986''S/45°33'52,618''W; 20°22'20,986''S/45°33'51,819''W; 20°22'20,335''S/45°33'51,819''W; 20°22'20,335''S/45°33'50,439''W; 20°22'19,685''S/45°33'50,439''W; 20°22'19,685''S/45°33'49,060''W; 20°22'18,384''S/45°33'49,060''W; 20°22'18,384''S/45°33'47,681''W; 20°22'17,409''S/45°33'47,681''W; 20°22'17,409''S/45°33'44,922''W; 20°22'18,710''S/45°33'44,922''W; 20°22'18,710''S/45°33'43,888''W; 20°22'20,010''S/45°33'43,888''W; 20°22'20,010''S/45°33'42,508''W; 20°22'21,311''S/45°33'42,508''W; 20°22'21,311''S/45°33'41,129''W; 20°22'22,612''S/45°33'41,129''W; 20°22'22,612''S/45°33'40,094''W; 20°22'23,587''S/45°33'40,094''W; 20°22'23,587''S/45°33'39,405''W; 20°22'24,888''S/45°33'39,405''W; 20°22'24,888''S/45°33'38,025''W; 20°22'25,864''S/45°33'38,025''W; 20°22'25,864''S/45°33'39,405''W; 20°22'27,164''S/45°33'39,405''W; 20°22'27,164''S/45°33'40,094''W; 20°22'28,465''S/45°33'40,094''W; 20°22'28,465''S/45°33'41,129''W; 20°22'29,766''S/45°33'41,129''W; 20°22'29,766''S/45°33'41,819''W; 20°22'31,066''S/45°33'41,819''W; 20°22'31,066''S/45°33'35,347''W; 20°22'25,500''S/45°33'35,347''W; 20°22'25,500''S/45°33'35,267''W; 20°22'17,637''S/45°33'35,267''W; 20°22'17,637''S/45°33'38,715''W; 20°22'11,783''S/45°33'38,715''W, em SIRGAS2000.

Art. 2° Esta Portaria entra em vigor na data de sua publicação. (Cód. 2.132)

VICTOR HUGO FRONER BICCA



751377E0-D2AE47D9-8C15BF0E-FED3864D

(Empenho 2018NE800015)

Transcrito no Livro C 5 – ANM - Fls. 1

Em 02/10/2020



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 07/04/2020
Rel. 159/2020 – DF

PORTARIA ANM N° 17/2020, DE 3 DE ABRIL DE 2020

O DIRETOR-GERAL DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pelo Decreto n° 9.587/2018, e tendo em vista o que consta do Processo n° 896.197/2004, resolve:

Art. 1° Outorgar à CERÂMICA LIDER LTDA, concessão para lavrar ARGILA, no(s) Município(s) de SÃO ROQUE DO CANAÃ/ES, COLATINA/ES, numa área de 8,06ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long): 19°38'13,455''S/40°39'17,588''W;19°38'13,872''S/40°39'17,588''W;19°38'13,872''S/40°39'18,176''W;19°38'14,061''S/40°39'18,176''W;19°38'14,061''S/40°39'20,924''W;19°38'17,418''S/40°39'20,924''W;19°38'17,418''S/40°39'41,827''W;19°38'29,778''S/40°39'41,827''W;19°38'29,779''S/40°39'38,432''W;19°38'34,300''S/40°39'38,432''W;19°38'34,300''S/40°39'45,263''W;19°38'28,448''S/40°39'45,263''W;19°38'28,448''S/40°39'42,045''W;19°38'17,182''S/40°39'42,045''W;19°38'17,183''S/40°39'21,232''W;19°38'17,160''S/40°39'21,232''W;19°38'17,160''S/40°39'21,164''W;19°38'13,872''S/40°39'21,164''W;19°38'13,872''S/40°39'20,510''W;19°38'05,487''S/40°39'20,510''W;19°38'05,487''S/40°39'14,589''W;19°38'11,655''S/40°39'14,589''W;19°38'11,655''S/40°39'14,961''W;19°38'11,912''S/40°39'14,961''W;19°38'11,912''S/40°39'15,547''W;19°38'12,329''S/40°39'15,547''W;19°38'12,329''S/40°39'15,963''W;19°38'12,716''S/40°39'15,963''W;19°38'12,716''S/40°39'16,413''W;19°38'12,939''S/40°39'16,413''W;19°38'12,939''S/40°39'16,896''W;19°38'13,455''S/40°39'16,896''W;19°38'13,455''S/40°39'17,588''W, em SIRGAS2000.

Art. 2° Esta Portaria entra em vigor na data de sua publicação. (Cód. 2.132)

VICTOR HUGO FRONER BICCA



D700C64F-27C84421-87E35032-E4CB9424

(Empenho 2018NE800015)

Transcrito no Livro C 5 – ANM - Fls. 2

Em 02/10/2020



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 07/04/2020
Rel. 159/2020 – DF

PORTARIA ANM N° 18/2020, DE 3 DE ABRIL DE 2020

O DIRETOR-GERAL DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pelo Decreto n° 9.587/2018, e tendo em vista o que consta do Processo n° 826.558/2010, resolve:

Art. 1° Outorgar à CARRAPEIRO & CARRAPEIRO LTDA ME, concessão para lavrar AREIA, no(s) Município(s) de CONSELHEIRO MAIRINCK/PR, TOMAZINA/PR, numa área de 49,68ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long):

23°35'38,237''S/50°04'58,006''W;23°35'38,237''S/50°05'02,062''W;23°35'33,361''S/50°05'02,062''W;23°35'33,361''S/50°04'55,008''W;23°35'34,986''S/50°04'55,008''W;23°35'34,986''S/50°04'50,423''W;23°35'43,600''S/50°04'50,423''W;23°35'43,600''S/50°04'52,187''W;23°35'49,288''S/50°04'52,187''W;23°35'49,288''S/50°04'54,480''W;23°35'51,726''S/50°04'54,480''W;23°35'51,726''S/50°05'02,769''W;23°35'55,789''S/50°05'02,769''W;23°35'55,789''S/50°05'05,414''W;23°35'57,414''S/50°05'05,414''W;23°35'57,414''S/50°05'08,059''W;23°35'59,039''S/50°05'08,059''W;23°35'59,039''S/50°05'10,704''W;23°36'00,664''S/50°05'10,704''W;23°36'00,664''S/50°05'12,468''W;23°36'07,165''S/50°05'12,468''W;23°36'07,165''S/50°05'10,704''W;23°36'09,603''S/50°05'10,704''W;23°36'09,603''S/50°05'08,059''W;23°36'12,041''S/50°05'08,059''W;23°36'12,041''S/50°05'05,414''W;23°36'14,479''S/50°05'05,414''W;23°36'14,479''S/50°05'03,298''W;23°36'17,729''S/50°05'03,298''W;23°36'17,729''S/50°05'00,653''W;23°36'20,979''S/50°05'00,653''W;23°36'20,979''S/50°04'58,007''W;23°36'24,229''S/50°04'58,007''W;23°36'24,230''S/50°04'55,361''W;23°36'26,668''S/50°04'55,361''W;23°36'26,668''S/50°04'31,551''W;23°36'24,229''S/50°04'31,551''W;23°36'24,229''S/50°04'28,024''W;23°36'21,791''S/50°04'28,024''W;23°36'21,791''S/50°04'23,615''W;23°36'19,353''S/50°04'23,615''W;23°36'19,353''S/50°04'14,797''W;23°36'24,229''S/50°04'14,797''W;23°36'24,229''S/50°04'20,970''W;23°36'26,667''S/50°04'20,970''W;23°36'26,667''S/50°04'25,379''W;23°36'29,105''S/50°04'25,379''W;23°36'29,105''S/50°04'30,670''W;23°36'31,543''S/50°04'30,670''W;23°36'31,543''S/50°04'58,889''W;23°36'29,104''S/50°04'58,889''W;23°36'29,104''S/50°05'01,535''W;23°36'25,040''S/50°05'01,535''W;23°36'25,040''S/50°05'04,181''W;23°36'20,977''S/50°05'04,181''W;23°36'20,9

Transcrito no Livro C 5 – ANM - Fls. 3

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77''S/50°05'06,827''W;23°36'17,727''S/50°05'06,827''W;23°36'17,727''S/50°05'09,472''W;23°36'14,477''S/50°05'09,472''W;23°36'14,477''S/50°05'12,647''W;23°36'09,601''S/50°05'12,647''W;23°36'09,601''S/50°05'16,703''W;23°35'59,850''S/50°05'16,703''W;23°35'59,850''S/50°05'14,939''W;23°35'57,412''S/50°05'14,939''W;23°35'57,412''S/50°05'12,294''W;23°35'54,974''S/50°05'12,294''W;23°35'54,974''S/50°05'09,472''W;23°35'52,536''S/50°05'09,472''W;23°35'52,536''S/50°05'05,063''W;23°35'50,098''S/50°05'05,063''W;23°35'50,098''S/50°04'59,772''W;23°35'47,660''S/50°04'59,772''W;23°35'47,660''S/50°04'57,127''W;23°35'45,222''S/50°04'57,127''W;23°35'45,222''S/50°04'54,482''W;23°35'40,346''S/50°04'54,482''W;23°35'40,346''S/50°04'58,006''W;23°35'38,237''S/50°04'58,006''W, em SIRGAS2000.

Art. 2º Esta Portaria entra em vigor na data de sua publicação. (Cód. 2.132)

VICTOR HUGO FRONER BICCA



611C5300-DE8340F5-B4F31C69-3620EC87

(Empenho 2018NE800015)



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 07/04/2020
Rel. 159/2020 – DF

PORTARIA ANM N° 19/2020, DE 3 DE ABRIL DE 2020

O DIRETOR-GERAL DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pelo Decreto n° 9.587/2018, e tendo em vista o que consta do Processo n° 834.426/2011, resolve:

Art. 1° Outorgar à ERN MINERAÇÃO LTDA. ME, concessão para lavrar AREIA, no(s) Município(s) de ALTEROSA/MG, AREADO/MG, numa área de 45,94ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de 21°17'57,775''S/46°08'58,430''W;21°17'57,775''S/46°08'57,744''W;21°17'57,516''S/46°08'57,744''W;21°17'57,516''S/46°08'57,244''W;21°17'57,080''S/46°08'57,244''W;21°17'57,080''S/46°08'56,786''W;21°17'56,678''S/46°08'56,786''W;21°17'56,678''S/46°08'56,176''W;21°17'56,162''S/46°08'56,176''W;21°17'56,162''S/46°08'55,408''W;21°17'55,521''S/46°08'55,408''W;21°17'55,521''S/46°08'54,668''W;21°17'54,843''S/46°08'54,668''W;21°17'54,843''S/46°08'54,088''W;21°17'54,199''S/46°08'54,088''W;21°17'54,199''S/46°08'53,463''W;21°17'53,589''S/46°08'53,463''W;21°17'53,589''S/46°08'52,848''W;21°17'53,039''S/46°08'52,848''W;21°17'53,039''S/46°08'52,224''W;21°17'52,551''S/46°08'52,224''W;21°17'52,551''S/46°08'51,753''W;21°17'52,247''S/46°08'51,753''W;21°17'52,247''S/46°08'51,350''W;21°17'51,943''S/46°08'51,350''W;21°17'51,943''S/46°08'49,669''W;21°17'52,193''S/46°08'49,669''W;21°17'52,193''S/46°08'49,234''W;21°17'52,546''S/46°08'49,234''W;21°17'52,546''S/46°08'48,790''W;21°17'53,172''S/46°08'48,790''W;21°17'53,172''S/46°08'48,372''W;21°17'53,699''S/46°08'48,372''W;21°17'53,699''S/46°08'48,057''W;21°17'54,204''S/46°08'48,057''W;21°17'54,204''S/46°08'47,651''W;21°17'54,770''S/46°08'47,651''W;21°17'54,770''S/46°08'47,245''W;21°17'55,379''S/46°08'47,245''W;21°17'55,379''S/46°08'46,839''W;21°17'56,590''S/46°08'46,839''W;21°17'56,590''S/46°08'46,620''W;21°17'57,882''S/46°08'46,620''W;21°17'57,882''S/46°08'46,338''W;21°17'58,933''S/46°08'46,338''W;21°17'58,933''S/46°08'45,963''W;21°17'59,587''S/46°08'45,963''W;21°17'59,587''S/46°08'45,613''W;21°18'00,229''S/46°08'45,613''W;21°18'00,229''S/46°08'45,262''W;21°18'00,726''S/46°08'45,262''W;21°18'00,726''S/46°08'44,973''W;21°18'00,978''S/46°08'44,973''W;21°18'00,978''S/46°08'43,672''W;21°18'01,235''S/46°08'43,672''W;21°18'01,235''S/46°08'43,154''W;21°18'03,361''S/46°08'43,154''W;21°18'03,361''S/46°08'43,371''W;21°18'03,846''S/46°08'43,371''W;21°18'03,846''S/46°08'43,603''W;21°18'04,347''S/46°08'43,603''W;21°18'04,347''S/46°08'43,744''W;21°18'05,275''S/46°08'

Transcrito no Livro C 5 – ANM - Fls. 5

Em 02/10/2020



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43,744''W;21°18'05,275''S/46°08'43,358''W;21°18'05,716''S/46°08'43,358''W;21°18'05,716''S/46°08'42,440''W;21°18'05,612''S/46°08'42,440''W;21°18'05,612''S/46°08'41,237''W;21°18'05,816''S/46°08'41,237''W;21°18'05,816''S/46°08'40,600''W;21°18'06,341''S/46°08'40,600''W;21°18'06,341''S/46°08'40,440''W;21°18'07,407''S/46°08'40,440''W;21°18'07,407''S/46°08'40,667''W;21°18'08,019''S/46°08'40,667''W;21°18'08,019''S/46°08'41,073''W;21°18'08,827''S/46°08'41,073''W;21°18'08,827''S/46°08'41,544''W;21°18'09,518''S/46°08'41,544''W;21°18'09,518''S/46°08'41,979''W;21°18'10,795''S/46°08'41,979''W;21°18'10,795''S/46°08'42,226''W;21°18'11,605''S/46°08'42,226''W;21°18'11,605''S/46°08'41,922''W;21°18'12,315''S/46°08'41,922''W;21°18'12,315''S/46°08'41,426''W;21°18'12,728''S/46°08'41,426''W;21°18'12,728''S/46°08'40,536''W;21°18'12,983''S/46°08'40,536''W;21°18'12,983''S/46°08'39,872''W;21°18'13,287''S/46°08'39,872''W;21°18'13,287''S/46°08'39,183''W;21°18'13,652''S/46°08'39,183''W;21°18'13,652''S/46°08'38,520''W;21°18'13,824''S/46°08'38,520''W;21°18'13,824''S/46°08'36,296''W;21°18'13,990''S/46°08'36,296''W;21°18'13,990''S/46°08'34,965''W;21°18'14,119''S/46°08'34,965''W;21°18'14,119''S/46°08'34,263''W;21°18'13,968''S/46°08'34,263''W;21°18'13,968''S/46°08'33,474''W;21°18'13,764''S/46°08'33,474''W;21°18'13,764''S/46°08'32,428''W;21°18'13,650''S/46°08'32,428''W;21°18'13,650''S/46°08'31,735''W;21°18'13,463''S/46°08'31,735''W;21°18'13,463''S/46°08'31,298''W;21°18'13,112''S/46°08'31,298''W;21°18'13,112''S/46°08'30,968''W;21°18'12,212''S/46°08'30,968''W;21°18'12,212''S/46°08'30,775''W;21°18'11,452''S/46°08'30,775''W;21°18'11,452''S/46°08'30,615''W;21°18'10,830''S/46°08'30,615''W;21°18'10,830''S/46°08'30,335''W;21°18'10,494''S/46°08'30,335''W;21°18'10,494''S/46°08'29,370''W;21°18'10,314''S/46°08'29,370''W;21°18'10,314''S/46°08'27,638''W;21°18'10,580''S/46°08'27,638''W;21°18'10,580''S/46°08'26,898''W;21°18'11,036''S/46°08'26,898''W;21°18'11,036''S/46°08'26,198''W;21°18'11,365''S/46°08'26,198''W;21°18'11,365''S/46°08'25,165''W;21°18'11,847''S/46°08'25,165''W;21°18'11,847''S/46°08'24,682''W;21°18'13,342''S/46°08'24,682''W;21°18'13,342''S/46°08'25,123''W;21°18'14,019''S/46°08'25,123''W;21°18'14,019''S/46°08'25,594''W;21°18'14,723''S/46°08'25,594''W;21°18'14,723''S/46°08'25,052''W;21°18'14,339''S/46°08'25,052''W;21°18'14,339''S/46°08'24,547''W;21°18'13,640''S/46°08'24,547''W;21°18'13,640''S/46°08'23,890''W;21°18'12,644''S/46°08'23,890''W;21°18'12,644''S/46°08'22,805''W;21°18'12,036''S/46°08'22,805''W;21°18'12,036''S/46°08'19,866''W;21°18'12,198''S/46°08'19,866''W;21°18'12,198''S/46°08'19,297''W;21°18'12,622''S/46°08'19,297''W;21°18'12,622''S/46°08'18,995''W;21°18'14,399''S/46°08'18,995''W;21°18'14,399''S/46°08'19,192''W;21°18'15,276''S/46°08'19,192''W;21°18'15,276''S/46°08'19,192''W;21°18'15,276''S/46°08'19,192''W;



AGÊNCIA NACIONAL DE MINERAÇÃO

6''S/46°08'19,469''W;21°18'15,846''S/46°08'19,469''W;21°18'
15,846''S/46°08'19,789''W;21°18'16,289''S/46°08'19,789''W;2
1°18'16,289''S/46°08'20,524''W;21°18'16,779''S/46°08'20,524
''W;21°18'16,779''S/46°08'21,220''W;21°18'17,145''S/46°08'2
1,220''W;21°18'17,145''S/46°08'22,476''W;21°18'17,469''S/46
°08'22,476''W;21°18'17,469''S/46°08'23,476''W;21°18'17,798'
''S/46°08'23,476''W;21°18'17,798''S/46°08'24,449''W;21°18'18
,080''S/46°08'24,449''W;21°18'18,080''S/46°08'25,018''W;21°
18'18,395''S/46°08'25,018''W;21°18'18,395''S/46°08'25,612''
W;21°18'18,741''S/46°08'25,612''W;21°18'18,741''S/46°08'26,
075''W;21°18'19,079''S/46°08'26,075''W;21°18'19,079''S/46°0
8'26,392''W;21°18'19,807''S/46°08'26,392''W;21°18'19,807''S
/46°08'26,140''W;21°18'20,038''S/46°08'26,140''W;21°18'20,0
38''S/46°08'25,362''W;21°18'19,932''S/46°08'25,362''W;21°18
'19,932''S/46°08'25,002''W;21°18'19,663''S/46°08'25,002''W;
21°18'19,663''S/46°08'24,687''W;21°18'19,426''S/46°08'24,68
7''W;21°18'19,426''S/46°08'24,393''W;21°18'19,164''S/46°08'
24,393''W;21°18'19,164''S/46°08'24,012''W;21°18'18,891''S/4
6°08'24,012''W;21°18'18,891''S/46°08'22,473''W;21°18'19,044
''S/46°08'22,473''W;21°18'19,044''S/46°08'22,051''W;21°18'1
9,312''S/46°08'22,051''W;21°18'19,312''S/46°08'21,723''W;21
°18'19,700''S/46°08'21,723''W;21°18'19,700''S/46°08'21,518'
''W;21°18'20,036''S/46°08'21,518''W;21°18'20,036''S/46°08'21
,408''W;21°18'21,733''S/46°08'21,408''W;21°18'21,733''S/46°
08'21,584''W;21°18'22,261''S/46°08'21,584''W;21°18'22,261''
S/46°08'21,757''W;21°18'22,854''S/46°08'21,757''W;21°18'22,
854''S/46°08'21,455''W;21°18'22,698''S/46°08'21,455''W;21°1
8'22,698''S/46°08'20,480''W;21°18'22,510''S/46°08'20,480''W
;21°18'22,510''S/46°08'19,656''W;21°18'22,304''S/46°08'19,6
56''W;21°18'22,304''S/46°08'18,850''W;21°18'22,010''S/46°08
'18,850''W;21°18'22,010''S/46°08'18,317''W;21°18'21,608''S/
46°08'18,317''W;21°18'21,608''S/46°08'17,786''W;21°18'21,21
1''S/46°08'17,786''W;21°18'21,211''S/46°08'17,167''W;21°18'
20,928''S/46°08'17,167''W;21°18'20,928''S/46°08'16,109''W;2
1°18'21,117''S/46°08'16,109''W;21°18'21,117''S/46°08'15,633
''W;21°18'22,879''S/46°08'15,633''W;21°18'22,879''S/46°08'1
5,841''W;21°18'23,445''S/46°08'15,841''W;21°18'23,445''S/46
°08'16,135''W;21°18'24,324''S/46°08'16,135''W;21°18'24,324'
''S/46°08'16,392''W;21°18'25,509''S/46°08'16,392''W;21°18'25
,509''S/46°08'16,225''W;21°18'25,870''S/46°08'16,225''W;21°
18'25,870''S/46°08'15,923''W;21°18'26,213''S/46°08'15,923''
W;21°18'26,213''S/46°08'15,219''W;21°18'26,424''S/46°08'15,
219''W;21°18'26,424''S/46°08'13,904''W;21°18'26,621''S/46°0
8'13,904''W;21°18'26,621''S/46°08'13,232''W;21°18'27,142''S
/46°08'13,232''W;21°18'27,142''S/46°08'13,055''W;21°18'27,9
67''S/46°08'13,055''W;21°18'27,967''S/46°08'13,297''W;21°18
'28,330''S/46°08'13,297''W;21°18'28,330''S/46°08'13,590''W;



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21°18'28,570''S/46°08'13,590''W;21°18'28,570''S/46°08'14,253''W;21°18'28,668''S/46°08'15,324''W;21°18'28,525''S/46°08'15,324''W;21°18'28,525''S/46°08'15,944''W;21°18'28,374''S/46°08'15,944''W;21°18'28,374''S/46°08'16,409''W;21°18'28,239''S/46°08'16,409''W;21°18'28,239''S/46°08'16,894''W;21°18'28,133''S/46°08'16,894''W;21°18'28,133''S/46°08'17,515''W;21°18'28,246''S/46°08'17,515''W;21°18'28,246''S/46°08'17,939''W;21°18'28,452''S/46°08'17,939''W;21°18'28,452''S/46°08'18,234''W;21°18'28,942''S/46°08'18,234''W;21°18'28,942''S/46°08'18,587''W;21°18'30,667''S/46°08'18,587''W;21°18'30,667''S/46°08'18,289''W;21°18'31,033''S/46°08'18,289''W;21°18'31,033''S/46°08'15,674''W;21°18'31,175''S/46°08'15,674''W;21°18'31,175''S/46°08'14,474''W;21°18'31,394''S/46°08'14,474''W;21°18'31,394''S/46°08'13,518''W;21°18'31,718''S/46°08'13,518''W;21°18'31,718''S/46°08'12,568''W;21°18'31,991''S/46°08'12,568''W;21°18'31,991''S/46°08'11,569''W;21°18'31,837''S/46°08'11,569''W;21°18'31,837''S/46°08'11,116''W;21°18'31,467''S/46°08'11,116''W;21°18'31,467''S/46°08'10,838''W;21°18'28,705''S/46°08'10,838''W;21°18'28,705''S/46°08'10,377''W;21°18'28,171''S/46°08'10,377''W;21°18'28,171''S/46°08'08,482''W;21°18'28,417''S/46°08'08,482''W;21°18'28,417''S/46°08'07,768''W;21°18'28,717''S/46°08'07,768''W;21°18'28,717''S/46°08'06,986''W;21°18'28,979''S/46°08'06,986''W;21°18'28,979''S/46°08'05,464''W;21°18'28,690''S/46°08'05,464''W;21°18'28,690''S/46°08'04,578''W;21°18'28,393''S/46°08'04,578''W;21°18'28,393''S/46°08'03,993''W;21°18'28,090''S/46°08'03,993''W;21°18'28,090''S/46°08'03,246''W;21°18'27,877''S/46°08'03,246''W;21°18'27,877''S/46°08'01,079''W;21°18'28,223''S/46°08'01,079''W;21°18'28,223''S/46°08'00,656''W;21°18'30,862''S/46°08'00,656''W;21°18'30,862''S/46°08'00,252''W;21°18'31,618''S/46°08'00,252''W;21°18'31,618''S/46°07'59,737''W;21°18'32,188''S/46°07'59,737''W;21°18'32,188''S/46°07'59,237''W;21°18'32,571''S/46°07'59,237''W;21°18'32,571''S/46°07'58,677''W;21°18'32,894''S/46°07'58,677''W;21°18'32,894''S/46°07'56,911''W;21°18'32,802''S/46°07'56,911''W;21°18'32,802''S/46°07'55,064''W;21°18'33,067''S/46°07'55,064''W;21°18'33,067''S/46°07'54,607''W;21°18'33,338''S/46°07'54,607''W;21°18'33,338''S/46°07'54,147''W;21°18'33,621''S/46°07'54,147''W;21°18'33,621''S/46°07'53,639''W;21°18'33,961''S/46°07'53,639''W;21°18'33,961''S/46°07'53,191''W;21°18'34,412''S/46°07'53,191''W;21°18'34,412''S/46°07'52,693''W;21°18'35,111''S/46°07'52,693''W;21°18'35,111''S/46°07'52,255''W;21°18'35,856''S/46°07'52,255''W;21°18'35,856''S/46°07'51,702''W;21°18'36,762''S/46°07'51,702''W;21°18'36,762''S/46°07'51,371''W;21°18'38,140''S/46°07'51,371''W;21°18'38,140''S/46°07'51,566''W;21°18'38,722''S/46°07'51,566''W;21°18'38,722''S/46°07'53,256''W;21°18'38,526''S/46°07



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'53,256''W;21°18'38,526''S/46°07'53,800''W;21°18'38,261''S/
46°07'53,800''W;21°18'38,261''S/46°07'54,351''W;21°18'37,98
8''S/46°07'54,351''W;21°18'37,988''S/46°07'54,880''W;21°18'
37,700''S/46°07'54,880''W;21°18'37,700''S/46°07'55,494''W;2
1°18'37,386''S/46°07'55,494''W;21°18'37,386''S/46°07'56,125
''W;21°18'37,098''S/46°07'56,125''W;21°18'37,098''S/46°07'5
6,805''W;21°18'36,825''S/46°07'56,805''W;21°18'36,825''S/46
°07'58,036''W;21°18'37,080''S/46°07'58,036''W;21°18'37,080'
''S/46°07'58,526''W;21°18'37,444''S/46°07'58,526''W;21°18'37
,444''S/46°07'59,133''W;21°18'37,836''S/46°07'59,133''W;21°
18'37,836''S/46°07'59,785''W;21°18'38,133''S/46°07'59,785''
W;21°18'38,133''S/46°08'00,374''W;21°18'38,504''S/46°08'00,
374''W;21°18'38,504''S/46°08'01,147''W;21°18'38,868''S/46°0
8'01,147''W;21°18'38,868''S/46°08'01,787''W;21°18'39,165''S
/46°08'01,787''W;21°18'39,165''S/46°08'02,281''W;21°18'39,5
59''S/46°08'02,282''W;21°18'39,559''S/46°08'02,844''W;21°18
'39,978''S/46°08'02,844''W;21°18'39,978''S/46°08'03,498''W;
21°18'40,372''S/46°08'03,498''W;21°18'40,372''S/46°08'04,39
3''W;21°18'40,758''S/46°08'04,393''W;21°18'40,758''S/46°08'
04,997''W;21°18'41,206''S/46°08'04,997''W;21°18'41,206''S/4
6°08'05,262''W;21°18'41,981''S/46°08'05,262''W;21°18'41,981
''S/46°08'05,062''W;21°18'42,792''S/46°08'05,062''W;21°18'4
2,792''S/46°08'04,649''W;21°18'43,772''S/46°08'04,649''W;21
°18'43,772''S/46°08'04,261''W;21°18'44,431''S/46°08'04,261'
''W;21°18'44,431''S/46°08'03,750''W;21°18'45,060''S/46°08'03
,750''W;21°18'45,060''S/46°08'03,092''W;21°18'45,806''S/46°
08'03,092''W;21°18'45,806''S/46°08'02,375''W;21°18'46,543''
S/46°08'02,375''W;21°18'46,543''S/46°08'01,767''W;21°18'47,
176''S/46°08'01,767''W;21°18'47,176''S/46°08'01,021''W;21°1
8'47,840''S/46°08'01,021''W;21°18'47,840''S/46°08'00,399''W
;21°18'48,606''S/46°08'00,399''W;21°18'48,606''S/46°08'00,0
65''W;21°18'49,931''S/46°08'00,065''W;21°18'49,931''S/46°08
'00,279''W;21°18'50,523''S/46°08'00,279''W;21°18'50,523''S/
46°08'01,046''W;21°18'50,696''S/46°08'01,046''W;21°18'50,69
6''S/46°08'02,009''W;21°18'50,492''S/46°08'02,009''W;21°18'
50,492''S/46°08'02,790''W;21°18'50,174''S/46°08'02,790''W;2
1°18'50,174''S/46°08'03,475''W;21°18'49,915''S/46°08'03,475
''W;21°18'49,915''S/46°08'04,664''W;21°18'50,130''S/46°08'0
4,664''W;21°18'50,130''S/46°08'04,904''W;21°18'51,382''S/46
°08'04,904''W;21°18'51,382''S/46°08'04,700''W;21°18'52,159'
''S/46°08'04,700''W;21°18'52,159''S/46°08'04,315''W;21°18'52
,818''S/46°08'04,315''W;21°18'52,818''S/46°08'03,881''W;21°
18'53,489''S/46°08'03,881''W;21°18'53,489''S/46°08'03,401''
W;21°18'54,038''S/46°08'03,401''W;21°18'54,038''S/46°08'02,
926''W;21°18'54,452''S/46°08'02,926''W;21°18'54,452''S/46°0
8'02,464''W;21°18'54,808''S/46°08'02,464''W;21°18'54,808''S
/46°08'01,906''W;21°18'55,099''S/46°08'01,906''W;21°18'55,0



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99''S/46°08'00,993''W;21°18'54,886''S/46°08'00,993''W;21°18'54,886''S/46°08'00,588''W;21°18'54,690''S/46°08'00,588''W;21°18'54,690''S/46°07'58,871''W;21°18'55,027''S/46°07'58,871''W;21°18'55,027''S/46°07'58,317''W;21°18'55,581''S/46°07'58,317''W;21°18'55,581''S/46°07'57,843''W;21°18'56,175''S/46°07'57,843''W;21°18'56,175''S/46°07'57,363''W;21°18'56,929''S/46°07'57,363''W;21°18'56,929''S/46°07'56,709''W;21°18'57,737''S/46°07'56,709''W;21°18'57,737''S/46°07'56,075''W;21°18'58,396''S/46°07'56,075''W;21°18'58,396''S/46°07'55,535''W;21°18'59,025''S/46°07'55,535''W;21°18'59,025''S/46°07'55,126''W;21°19'00,542''S/46°07'55,127''W;21°19'00,542''S/46°07'55,351''W;21°19'01,028''S/46°07'55,351''W;21°19'01,028''S/46°07'55,678''W;21°19'01,374''S/46°07'55,678''W;21°19'01,374''S/46°07'56,106''W;21°19'01,682''S/46°07'56,106''W;21°19'01,682''S/46°07'56,466''W;21°19'01,872''S/46°07'56,466''W;21°19'01,872''S/46°07'56,678''W;21°19'02,314''S/46°07'56,678''W;21°19'02,314''S/46°07'56,361''W;21°19'02,704''S/46°07'56,361''W;21°19'02,704''S/46°07'55,923''W;21°19'03,006''S/46°07'55,923''W;21°19'03,006''S/46°07'55,362''W;21°19'03,183''S/46°07'55,362''W;21°19'03,183''S/46°07'54,780''W;21°19'02,727''S/46°07'54,780''W;21°19'02,727''S/46°07'54,398''W;21°19'02,418''S/46°07'54,398''W;21°19'02,418''S/46°07'54,042''W;21°19'01,938''S/46°07'54,042''W;21°19'01,938''S/46°07'53,663''W;21°19'01,492''S/46°07'53,663''W;21°19'01,492''S/46°07'53,340''W;21°19'01,015''S/46°07'53,340''W;21°19'01,015''S/46°07'52,936''W;21°19'00,504''S/46°07'52,936''W;21°19'00,504''S/46°07'52,052''W;21°19'00,266''S/46°07'52,052''W;21°19'00,266''S/46°07'50,389''W;21°19'00,621''S/46°07'50,389''W;21°19'00,621''S/46°07'49,381''W;21°19'00,960''S/46°07'49,381''W;21°19'00,960''S/46°07'48,326''W;21°19'01,393''S/46°07'48,326''W;21°19'01,393''S/46°07'47,693''W;21°19'02,084''S/46°07'47,693''W;21°19'02,084''S/46°07'47,454''W;21°19'04,539''S/46°07'47,454''W;21°19'04,539''S/46°07'47,821''W;21°19'05,269''S/46°07'47,821''W;21°19'05,269''S/46°07'48,255''W;21°19'06,053''S/46°07'48,255''W;21°19'06,053''S/46°07'48,958''W;21°19'06,624''S/46°07'48,958''W;21°19'06,624''S/46°07'49,900''W;21°19'06,925''S/46°07'49,900''W;21°19'06,925''S/46°07'56,575''W;21°19'06,693''S/46°07'56,575''W;21°19'06,693''S/46°07'57,705''W;21°19'10,341''S/46°07'57,705''W;21°19'10,341''S/46°07'57,195''W;21°19'10,994''S/46°07'57,195''W;21°19'10,994''S/46°07'56,545''W;21°19'11,557''S/46°07'56,545''W;21°19'11,557''S/46°07'55,962''W;21°19'12,173''S/46°07'55,962''W;21°19'12,173''S/46°07'55,293''W;21°19'12,708''S/46°07'55,293''W;21°19'12,708''S/46°07'54,600''W;21°19'13,257''S/46°07'54,600''W;21°19'13,257''S/46°07'53,845''W;21°19'13,856''S/46°07'53,845''W;21°19'13,856''S/46°07'53,316''W;21°19'14,406''S/46°07'53,316''W;21°19'14,406''S/46°07'52,904''W



AGÊNCIA NACIONAL DE MINERAÇÃO

;21°19'16,515''S/46°07'52,904''W;21°19'16,515''S/46°07'53,249''W;21°19'17,283''S/46°07'53,249''W;21°19'17,283''S/46°07'53,584''W;21°19'18,157''S/46°07'53,584''W;21°19'18,157''S/46°07'53,996''W;21°19'18,687''S/46°07'53,996''W;21°19'18,687''S/46°07'54,257''W;21°19'19,597''S/46°07'54,257''W;21°19'19,597''S/46°07'53,812''W;21°19'19,824''S/46°07'53,812''W;21°19'19,824''S/46°07'52,756''W;21°19'19,994''S/46°07'52,756''W;21°19'19,994''S/46°07'51,776''W;21°19'20,169''S/46°07'51,776''W;21°19'20,169''S/46°07'51,095''W;21°19'20,390''S/46°07'51,095''W;21°19'20,390''S/46°07'50,325''W;21°19'20,728''S/46°07'50,325''W;21°19'20,728''S/46°07'49,840''W;21°19'21,305''S/46°07'49,840''W;21°19'21,305''S/46°07'49,320''W;21°19'22,883''S/46°07'49,320''W;21°19'22,883''S/46°07'49,542''W;21°19'23,458''S/46°07'49,542''W;21°19'23,458''S/46°07'49,942''W;21°19'23,806''S/46°07'49,942''W;21°19'23,806''S/46°07'52,396''W;21°19'23,589''S/46°07'52,396''W;21°19'23,589''S/46°07'53,047''W;21°19'23,392''S/46°07'53,047''W;21°19'23,392''S/46°07'53,886''W;21°19'23,665''S/46°07'53,886''W;21°19'23,665''S/46°07'54,155''W;21°19'25,188''S/46°07'54,155''W;21°19'25,188''S/46°07'53,900''W;21°19'25,817''S/46°07'53,900''W;21°19'25,817''S/46°07'53,510''W;21°19'26,213''S/46°07'53,510''W;21°19'26,213''S/46°07'52,686''W;21°19'26,638''S/46°07'52,686''W;21°19'26,638''S/46°07'51,991''W;21°19'26,965''S/46°07'51,991''W;21°19'26,965''S/46°07'51,264''W;21°19'27,282''S/46°07'51,264''W;21°19'27,282''S/46°07'50,459''W;21°19'27,794''S/46°07'50,459''W;21°19'27,794''S/46°07'50,037''W;21°19'29,683''S/46°07'50,037''W;21°19'29,683''S/46°07'49,763''W;21°19'29,980''S/46°07'49,763''W;21°19'29,980''S/46°07'49,257''W;21°19'30,180''S/46°07'49,257''W;21°19'30,180''S/46°07'44,873''W;21°19'30,350''S/46°07'44,873''W;21°19'30,350''S/46°07'42,048''W;21°19'30,071''S/46°07'42,048''W;21°19'30,072''S/46°07'40,560''W;21°19'29,639''S/46°07'40,560''W;21°19'29,639''S/46°07'39,176''W;21°19'29,263''S/46°07'39,176''W;21°19'29,263''S/46°07'38,370''W;21°19'28,796''S/46°07'38,370''W;21°19'28,796''S/46°07'37,758''W;21°19'28,206''S/46°07'37,758''W;21°19'28,206''S/46°07'37,144''W;21°19'27,622''S/46°07'37,144''W;21°19'27,622''S/46°07'36,706''W;21°19'27,028''S/46°07'36,706''W;21°19'27,028''S/46°07'36,156''W;21°19'26,413''S/46°07'36,156''W;21°19'26,413''S/46°07'35,729''W;21°19'25,828''S/46°07'35,729''W;21°19'25,828''S/46°07'35,076''W;21°19'25,220''S/46°07'35,076''W;21°19'25,220''S/46°07'34,203''W;21°19'24,894''S/46°07'34,203''W;21°19'24,894''S/46°07'31,670''W;21°19'25,186''S/46°07'31,670''W;21°19'25,186''S/46°07'31,037''W;21°19'25,415''S/46°07'31,037''W;21°19'25,415''S/46°07'30,383''W;21°19'25,663''S/46°07'30,383''W;21°19'25,663''S/46°07'29,647''W;21°19'25,293''S/46°07'29,647''W;21°19'25,293''S/46°07'29,849''W;21°19'25,035''S/46°0



AGÊNCIA NACIONAL DE MINERAÇÃO

7'29,849''W;21°19'25,035''S/46°07'30,093''W;21°19'24,668''S/46°07'30,093''W;21°19'24,668''S/46°07'30,422''W;21°19'24,489''S/46°07'30,422''W;21°19'24,489''S/46°07'30,966''W;21°19'24,230''S/46°07'30,966''W;21°19'24,230''S/46°07'31,495''W;21°19'24,082''S/46°07'31,495''W;21°19'24,082''S/46°07'32,033''W;21°19'23,946''S/46°07'32,033''W;21°19'23,946''S/46°07'32,929''W;21°19'23,841''S/46°07'32,929''W;21°19'23,841''S/46°07'33,829''W;21°19'23,717''S/46°07'33,829''W;21°19'23,717''S/46°07'34,659''W;21°19'23,460''S/46°07'34,659''W;21°19'23,460''S/46°07'35,276''W;21°19'21,575''S/46°07'35,276''W;21°19'21,575''S/46°07'34,442''W;21°19'21,164''S/46°07'34,442''W;21°19'21,164''S/46°07'33,619''W;21°19'20,716''S/46°07'33,619''W;21°19'20,716''S/46°07'32,701''W;21°19'20,125''S/46°07'32,701''W;21°19'20,125''S/46°07'29,668''W;21°19'20,547''S/46°07'29,668''W;21°19'20,547''S/46°07'28,860''W;21°19'20,986''S/46°07'28,860''W;21°19'20,986''S/46°07'27,841''W;21°19'20,449''S/46°07'27,841''W;21°19'20,449''S/46°07'27,237''W;21°19'19,706''S/46°07'27,237''W;21°19'19,706''S/46°07'26,737''W;21°19'19,200''S/46°07'26,737''W;21°19'19,200''S/46°07'26,222''W;21°19'18,562''S/46°07'26,222''W;21°19'18,562''S/46°07'25,380''W;21°19'18,216''S/46°07'25,380''W;21°19'18,216''S/46°07'24,803''W;21°19'17,519''S/46°07'24,803''W;21°19'17,519''S/46°07'25,603''W;21°19'17,208''S/46°07'25,603''W;21°19'17,208''S/46°07'26,423''W;21°19'16,934''S/46°07'26,423''W;21°19'16,934''S/46°07'27,587''W;21°19'16,481''S/46°07'27,587''W;21°19'16,481''S/46°07'28,493''W;21°19'15,930''S/46°07'28,493''W;21°19'15,930''S/46°07'29,024''W;21°19'15,254''S/46°07'29,024''W;21°19'15,254''S/46°07'29,434''W;21°19'12,133''S/46°07'29,434''W;21°19'12,133''S/46°07'28,995''W;21°19'11,527''S/46°07'28,995''W;21°19'11,527''S/46°07'28,168''W;21°19'11,324''S/46°07'28,168''W;21°19'11,324''S/46°07'26,945''W;21°19'11,593''S/46°07'26,945''W;21°19'11,593''S/46°07'26,045''W;21°19'11,920''S/46°07'26,045''W;21°19'11,920''S/46°07'25,146''W;21°19'12,225''S/46°07'25,146''W;21°19'12,225''S/46°07'24,001''W;21°19'11,758''S/46°07'24,001''W;21°19'11,758''S/46°07'22,862''W;21°19'11,233''S/46°07'22,862''W;21°19'11,233''S/46°07'21,980''W;21°19'10,581''S/46°07'21,980''W;21°19'10,581''S/46°07'21,194''W;21°19'09,168''S/46°07'21,194''W;21°19'09,168''S/46°07'21,885''W;21°19'07,911''S/46°07'21,885''W;21°19'07,911''S/46°07'22,257''W;21°19'05,906''S/46°07'22,257''W;21°19'05,906''S/46°07'21,921''W;21°19'05,089''S/46°07'21,921''W;21°19'05,089''S/46°07'18,982''W;21°19'05,527''S/46°07'18,982''W;21°19'05,527''S/46°07'16,692''W;21°19'05,791''S/46°07'16,692''W;21°19'05,791''S/46°07'15,667''W;21°19'06,279''S/46°07'15,667''W;21°19'06,279''S/46°07'14,828''W;21°19'06,870''S/46°07'14,828''W;21°19'06,870''S/46°07'13,940''W;21°19'07,655''S/46°07'13,940''W;21°19'07,



AGÊNCIA NACIONAL DE MINERAÇÃO

655''S/46°07'13,061''W;21°19'08,525''S/46°07'13,061''W;21°19'08,525''S/46°07'11,817''W;21°19'09,501''S/46°07'11,817''W;21°19'09,501''S/46°07'10,518''W;21°19'09,844''S/46°07'10,518''W;21°19'09,844''S/46°07'09,259''W;21°19'09,487''S/46°07'09,259''W;21°19'09,487''S/46°07'07,693''W;21°19'09,210''S/46°07'07,693''W;21°19'09,210''S/46°07'06,176''W;21°19'09,002''S/46°07'05,272''W;21°19'08,433''S/46°07'05,272''W;21°19'08,433''S/46°07'04,479''W;21°19'07,798''S/46°07'04,479''W;21°19'07,798''S/46°07'04,161''W;21°19'07,119''S/46°07'04,161''W;21°19'07,119''S/46°07'03,575''W;21°19'06,698''S/46°07'03,575''W;21°19'06,698''S/46°07'02,902''W;21°19'06,187''S/46°07'02,902''W;21°19'06,187''S/46°07'01,607''W;21°19'05,973''S/46°07'01,607''W;21°19'05,973''S/46°07'00,614''W;21°19'05,603''S/46°07'00,614''W;21°19'05,603''S/46°06'59,742''W;21°19'05,089''S/46°06'59,742''W;21°19'05,090''S/46°06'55,793''W;21°19'02,648''S/46°06'55,793''W;21°19'02,648''S/46°06'53,157''W;21°19'03,033''S/46°06'53,157''W;21°19'03,033''S/46°06'52,699''W;21°19'03,826''S/46°06'52,699''W;21°19'03,826''S/46°06'52,097''W;21°19'04,584''S/46°06'51,573''W;21°19'05,355''S/46°06'51,573''W;21°19'05,355''S/46°06'51,068''W;21°19'06,007''S/46°06'51,068''W;21°19'06,007''S/46°06'50,381''W;21°19'06,566''S/46°06'50,381''W;21°19'06,566''S/46°06'49,492''W;21°19'07,103''S/46°06'49,492''W;21°19'07,103''S/46°06'48,638''W;21°19'07,512''S/46°06'48,638''W;21°19'07,512''S/46°06'47,425''W;21°19'08,040''S/46°06'47,425''W;21°19'08,040''S/46°06'46,861''W;21°19'08,504''S/46°06'46,861''W;21°19'08,504''S/46°06'46,553''W;21°19'09,529''S/46°06'46,553''W;21°19'09,529''S/46°06'46,837''W;21°19'10,091''S/46°06'46,837''W;21°19'10,091''S/46°06'47,334''W;21°19'10,425''S/46°06'47,334''W;21°19'10,425''S/46°06'48,597''W;21°19'10,690''S/46°06'48,597''W;21°19'10,690''S/46°06'51,011''W;21°19'10,953''S/46°06'51,011''W;21°19'10,953''S/46°06'52,358''W;21°19'11,327''S/46°06'52,358''W;21°19'11,327''S/46°06'53,427''W;21°19'12,082''S/46°06'53,427''W;21°19'12,082''S/46°06'53,839''W;21°19'12,890''S/46°06'53,839''W;21°19'12,890''S/46°06'53,594''W;21°19'16,392''S/46°06'53,594''W;21°19'16,392''S/46°06'53,832''W;21°19'17,872''S/46°06'53,832''W;21°19'17,872''S/46°06'54,016''W;21°19'18,764''S/46°06'54,016''W;21°19'18,764''S/46°06'53,781''W;21°19'19,122''S/46°06'53,781''W;21°19'19,122''S/46°06'53,445''W;21°19'18,981''S/46°06'53,445''W;21°19'18,981''S/46°06'53,113''W;21°19'18,637''S/46°06'53,113''W;21°19'18,637''S/46°06'52,927''W;21°19'18,278''S/46°06'52,927''W;21°19'18,278''S/46°06'52,713''W;21°19'17,825''S/46°06'52,713''W;21°19'17,825''S/46°06'52,488''W;21°19'17,391''S/46°06'52,488''W;21°19'17,391''S/46°06'52,291''W;21°19'16,849''S/46°06'52,291''W;21°19'16,849''S/46°06'52,028''



AGÊNCIA NACIONAL DE MINERAÇÃO

W;21°19'16,443''S/46°06'52,028''W;21°19'16,443''S/46°06'51,790''W;21°19'15,923''S/46°06'51,790''W;21°19'15,923''S/46°06'51,510''W;21°19'15,508''S/46°06'51,510''W;21°19'15,508''S/46°06'51,208''W;21°19'15,065''S/46°06'51,208''W;21°19'15,065''S/46°06'50,850''W;21°19'14,616''S/46°06'50,850''W;21°19'14,616''S/46°06'50,510''W;21°19'14,055''S/46°06'50,510''W;21°19'14,055''S/46°06'49,794''W;21°19'13,475''S/46°06'49,794''W;21°19'13,475''S/46°06'48,918''W;21°19'13,084''S/46°06'48,918''W;21°19'13,084''S/46°06'47,821''W;21°19'12,963''S/46°06'47,821''W;21°19'12,963''S/46°06'46,257''W;21°19'13,231''S/46°06'46,257''W;21°19'13,231''S/46°06'45,216''W;21°19'13,633''S/46°06'45,216''W;21°19'13,633''S/46°06'44,666''W;21°19'14,311''S/46°06'44,666''W;21°19'14,311''S/46°06'44,253''W;21°19'14,825''S/46°06'44,253''W;21°19'14,825''S/46°06'43,936''W;21°19'15,764''S/46°06'43,936''W;21°19'15,764''S/46°06'43,703''W;21°19'17,425''S/46°06'43,703''W;21°19'17,425''S/46°06'43,950''W;21°19'18,073''S/46°06'43,950''W;21°19'18,073''S/46°06'44,198''W;21°19'18,532''S/46°06'44,198''W;21°19'18,532''S/46°06'43,551''W;21°19'18,240''S/46°06'43,551''W;21°19'18,240''S/46°06'42,703''W;21°19'17,795''S/46°06'42,703''W;21°19'17,795''S/46°06'42,017''W;21°19'17,224''S/46°06'42,017''W;21°19'17,224''S/46°06'41,337''W;21°19'15,567''S/46°06'41,337''W;21°19'15,567''S/46°06'40,689''W;21°19'14,802''S/46°06'40,689''W;21°19'14,802''S/46°06'38,642''W;21°19'15,317''S/46°06'38,642''W;21°19'15,317''S/46°06'37,807''W;21°19'15,930''S/46°06'37,807''W;21°19'15,930''S/46°06'37,002''W;21°19'16,665''S/46°06'37,002''W;21°19'16,665''S/46°06'36,221''W;21°19'17,350''S/46°06'36,221''W;21°19'17,350''S/46°06'35,491''W;21°19'17,937''S/46°06'35,491''W;21°19'17,937''S/46°06'35,089''W;21°19'18,288''S/46°06'35,089''W;21°19'18,288''S/46°06'34,539''W;21°19'17,620''S/46°06'34,539''W;21°19'17,620''S/46°06'34,206''W;21°19'16,586''S/46°06'34,206''W;21°19'16,586''S/46°06'33,523''W;21°19'16,211''S/46°06'33,523''W;21°19'16,211''S/46°06'31,816''W;21°19'16,707''S/46°06'31,816''W;21°19'16,707''S/46°06'31,353''W;21°19'16,977''S/46°06'31,353''W;21°19'16,977''S/46°06'30,604''W;21°19'16,667''S/46°06'30,604''W;21°19'16,667''S/46°06'30,368''W;21°19'15,741''S/46°06'30,368''W;21°19'15,741''S/46°06'30,862''W;21°19'15,133''S/46°06'30,862''W;21°19'15,133''S/46°06'31,731''W;21°19'14,795''S/46°06'31,731''W;21°19'14,795''S/46°06'32,645''W;21°19'14,360''S/46°06'32,645''W;21°19'14,360''S/46°06'33,489''W;21°19'13,861''S/46°06'33,489''W;21°19'13,861''S/46°06'34,299''W;21°19'13,342''S/46°06'34,299''W;21°19'13,342''S/46°06'35,064''W;21°19'12,884''S/46°06'35,064''W;21°19'12,884''S/46°06'35,805''W;21°19'12,320''S/46°06'35,805''W;21°19'12,320''S/46°06'36,605''W;21°19'11,698''S/46°06'36,605''W;21°19'11,698''S/46°06'37,602''W;21°19'10,583''S/46°



AGÊNCIA NACIONAL DE MINERAÇÃO

06'37,602''W;21°19'10,583''S/46°06'38,002''W;21°19'07,062''S/46°06'38,002''W;21°19'07,062''S/46°06'37,412''W;21°19'06,092''S/46°06'37,412''W;21°19'06,092''S/46°06'36,773''W;21°19'04,921''S/46°06'36,773''W;21°19'04,921''S/46°06'35,970''W;21°19'04,030''S/46°06'35,970''W;21°19'04,030''S/46°06'35,153''W;21°19'02,649''S/46°06'35,153''W;21°19'02,649''S/46°06'34,499''W;21°18'58,970''S/46°06'34,499''W;21°18'58,970''S/46°06'30,974''W;21°18'59,414''S/46°06'30,974''W;21°18'59,414''S/46°06'30,167''W;21°19'00,028''S/46°06'30,167''W;21°19'00,028''S/46°06'29,472''W;21°19'00,711''S/46°06'29,472''W;21°19'00,711''S/46°06'28,691''W;21°19'01,428''S/46°06'28,691''W;21°19'01,428''S/46°06'27,911''W;21°19'02,370''S/46°06'27,911''W;21°19'02,370''S/46°06'27,289''W;21°19'03,062''S/46°06'27,289''W;21°19'03,062''S/46°06'26,859''W;21°19'03,635''S/46°06'26,859''W;21°19'03,635''S/46°06'26,198''W;21°19'01,639''S/46°06'26,198''W;21°19'01,639''S/46°06'25,718''W;21°19'01,135''S/46°06'25,718''W;21°19'01,135''S/46°06'23,595''W;21°19'01,457''S/46°06'23,595''W;21°19'01,457''S/46°06'22,669''W;21°19'01,979''S/46°06'22,669''W;21°19'01,979''S/46°06'21,928''W;21°19'02,453''S/46°06'21,928''W;21°19'02,453''S/46°06'21,109''W;21°19'02,967''S/46°06'21,109''W;21°19'02,967''S/46°06'20,223''W;21°19'03,439''S/46°06'20,223''W;21°19'03,439''S/46°06'19,274''W;21°19'04,679''S/46°06'19,274''W;21°19'04,679''S/46°06'18,672''W;21°19'06,350''S/46°06'18,672''W;21°19'06,350''S/46°06'17,891''W;21°19'07,355''S/46°06'17,891''W;21°19'07,355''S/46°06'16,888''W;21°19'08,131''S/46°06'16,888''W;21°19'08,131''S/46°06'15,932''W;21°19'09,342''S/46°06'15,932''W;21°19'09,342''S/46°06'16,240''W;21°19'09,578''S/46°06'16,240''W;21°19'09,578''S/46°06'16,805''W;21°19'09,244''S/46°06'16,805''W;21°19'09,244''S/46°06'17,401''W;21°19'08,770''S/46°06'17,401''W;21°19'08,770''S/46°06'18,097''W;21°19'08,240''S/46°06'18,097''W;21°19'08,240''S/46°06'18,740''W;21°19'07,649''S/46°06'18,740''W;21°19'07,649''S/46°06'19,429''W;21°19'06,805''S/46°06'19,429''W;21°19'06,805''S/46°06'20,072''W;21°19'05,085''S/46°06'20,072''W;21°19'05,085''S/46°06'20,673''W;21°19'04,109''S/46°06'20,673''W;21°19'04,109''S/46°06'21,286''W;21°19'03,741''S/46°06'21,286''W;21°19'03,741''S/46°06'22,242''W;21°19'03,156''S/46°06'22,242''W;21°19'03,156''S/46°06'23,063''W;21°19'02,570''S/46°06'23,063''W;21°19'02,570''S/46°06'23,923''W;21°19'02,157''S/46°06'23,923''W;21°19'02,157''S/46°06'25,054''W;21°19'02,903''S/46°06'25,054''W;21°19'02,903''S/46°06'25,350''W;21°19'04,602''S/46°06'25,350''W;21°19'04,602''S/46°06'25,998''W;21°19'04,986''S/46°06'25,998''W;21°19'04,986''S/46°06'27,216''W;21°19'04,466''S/46°06'27,216''W;21°19'04,466''S/46°06'27,826''W;21°19'03,764''S/46°06'27,826''W;21°19'03,764''S/46°06'28,481''W;21°19'02,944''S/46°06'28,481''W;21°19'02



AGÊNCIA NACIONAL DE MINERAÇÃO

,944''S/46°06'29,174''W;21°19'02,053''S/46°06'29,174''W;21°19'02,053''S/46°06'29,689''W;21°19'01,515''S/46°06'29,689''W;21°19'01,515''S/46°06'30,422''W;21°19'00,861''S/46°06'30,422''W;21°19'00,861''S/46°06'31,136''W;21°19'00,231''S/46°06'31,136''W;21°19'00,231''S/46°06'31,952''W;21°18'59,761''S/46°06'31,952''W;21°18'59,761''S/46°06'33,161''W;21°19'02,986''S/46°06'33,161''W;21°19'02,986''S/46°06'33,749''W;21°19'03,592''S/46°06'33,749''W;21°19'03,592''S/46°06'34,117''W;21°19'04,491''S/46°06'34,117''W;21°19'04,491''S/46°06'34,561''W;21°19'05,204''S/46°06'34,561''W;21°19'05,204''S/46°06'35,122''W;21°19'05,783''S/46°06'35,122''W;21°19'05,783''S/46°06'35,592''W;21°19'06,683''S/46°06'35,592''W;21°19'06,683''S/46°06'36,266''W;21°19'07,350''S/46°06'36,266''W;21°19'07,350''S/46°06'36,686''W;21°19'08,271''S/46°06'36,686''W;21°19'08,271''S/46°06'37,070''W;21°19'09,632''S/46°06'37,070''W;21°19'09,632''S/46°06'36,643''W;21°19'10,582''S/46°06'36,643''W;21°19'10,582''S/46°06'35,821''W;21°19'11,266''S/46°06'35,821''W;21°19'11,266''S/46°06'35,205''W;21°19'11,845''S/46°06'35,205''W;21°19'11,845''S/46°06'34,120''W;21°19'12,527''S/46°06'34,120''W;21°19'12,527''S/46°06'33,059''W;21°19'13,219''S/46°06'33,059''W;21°19'13,219''S/46°06'32,235''W;21°19'13,678''S/46°06'32,235''W;21°19'13,678''S/46°06'31,305''W;21°19'14,092''S/46°06'31,305''W;21°19'14,092''S/46°06'30,427''W;21°19'14,479''S/46°06'30,427''W;21°19'14,479''S/46°06'29,794''W;21°19'15,217''S/46°06'29,794''W;21°19'15,217''S/46°06'29,480''W;21°19'17,378''S/46°06'29,480''W;21°19'17,378''S/46°06'29,852''W;21°19'18,009''S/46°06'29,852''W;21°19'18,009''S/46°06'31,775''W;21°19'17,733''S/46°06'31,775''W;21°19'17,733''S/46°06'32,409''W;21°19'17,286''S/46°06'32,409''W;21°19'17,286''S/46°06'33,307''W;21°19'18,450''S/46°06'33,307''W;21°19'18,450''S/46°06'33,634''W;21°19'19,033''S/46°06'33,634''W;21°19'19,033''S/46°06'34,123''W;21°19'19,597''S/46°06'34,123''W;21°19'19,597''S/46°06'35,386''W;21°19'19,090''S/46°06'35,386''W;21°19'19,090''S/46°06'36,056''W;21°19'18,490''S/46°06'36,056''W;21°19'18,490''S/46°06'36,821''W;21°19'17,869''S/46°06'36,821''W;21°19'17,869''S/46°06'37,478''W;21°19'17,308''S/46°06'37,478''W;21°19'17,308''S/46°06'38,278''W;21°19'16,585''S/46°06'38,278''W;21°19'16,585''S/46°06'39,042''W;21°19'16,018''S/46°06'39,042''W;21°19'16,018''S/46°06'40,011''W;21°19'16,640''S/46°06'40,011''W;21°19'16,640''S/46°06'40,333''W;21°19'17,778''S/46°06'40,333''W;21°19'17,778''S/46°06'40,763''W;21°19'18,580''S/46°06'40,763''W;21°19'18,580''S/46°06'41,693''W;21°19'19,085''S/46°06'41,693''W;21°19'19,085''S/46°06'42,760''W;21°19'19,410''S/46°06'42,760''W;21°19'19,410''S/46°06'45,273''W;21°19'17,637''S/46°06'45,273''W;21°19'17,637''S/46°06'44,935''W;21°19'17,131''S/46°06'44,935''W;21°19'17,131''S/46°06'44,643''



AGÊNCIA NACIONAL DE MINERAÇÃO

'W;21°19'16,194''S/46°06'44,643''W;21°19'16,194''S/46°06'44,998''W;21°19'15,211''S/46°06'44,998''W;21°19'15,211''S/46°06'45,632''W;21°19'14,494''S/46°06'45,632''W;21°19'14,494''S/46°06'46,119''W;21°19'14,017''S/46°06'46,119''W;21°19'14,017''S/46°06'48,223''W;21°19'14,505''S/46°06'48,223''W;21°19'14,505''S/46°06'49,123''W;21°19'15,056''S/46°06'49,123''W;21°19'15,056''S/46°06'49,891''W;21°19'15,498''S/46°06'49,891''W;21°19'15,498''S/46°06'50,285''W;21°19'16,108''S/46°06'50,285''W;21°19'16,108''S/46°06'50,738''W;21°19'16,733''S/46°06'50,738''W;21°19'16,733''S/46°06'51,133''W;21°19'17,482''S/46°06'51,133''W;21°19'17,482''S/46°06'51,521''W;21°19'18,187''S/46°06'51,521''W;21°19'18,187''S/46°06'51,864''W;21°19'18,839''S/46°06'51,864''W;21°19'18,839''S/46°06'52,204''W;21°19'19,247''S/46°06'52,204''W;21°19'19,247''S/46°06'52,418''W;21°19'19,742''S/46°06'52,418''W;21°19'19,742''S/46°06'53,075''W;21°19'20,132''S/46°06'53,075''W;21°19'20,132''S/46°06'54,256''W;21°19'19,810''S/46°06'54,256''W;21°19'19,810''S/46°06'54,596''W;21°19'19,254''S/46°06'54,596''W;21°19'19,254''S/46°06'54,913''W;21°19'16,802''S/46°06'54,913''W;21°19'16,802''S/46°06'54,642''W;21°19'13,179''S/46°06'54,642''W;21°19'13,179''S/46°06'54,843''W;21°19'11,657''S/46°06'54,843''W;21°19'11,657''S/46°06'54,559''W;21°19'11,003''S/46°06'54,559''W;21°19'11,003''S/46°06'54,178''W;21°19'10,568''S/46°06'54,178''W;21°19'10,568''S/46°06'53,468''W;21°19'10,223''S/46°06'53,468''W;21°19'10,223''S/46°06'52,717''W;21°19'09,870''S/46°06'52,717''W;21°19'09,870''S/46°06'51,131''W;21°19'09,619''S/46°06'51,131''W;21°19'09,619''S/46°06'48,534''W;21°19'09,367''S/46°06'48,534''W;21°19'09,367''S/46°06'47,782''W;21°19'08,887''S/46°06'47,782''W;21°19'08,887''S/46°06'48,155''W;21°19'08,483''S/46°06'48,155''W;21°19'08,483''S/46°06'48,885''W;21°19'08,199''S/46°06'48,885''W;21°19'08,199''S/46°06'49,798''W;21°19'07,835''S/46°06'49,798''W;21°19'07,835''S/46°06'50,518''W;21°19'07,378''S/46°06'50,518''W;21°19'07,378''S/46°06'51,390''W;21°19'06,741''S/46°06'51,390''W;21°19'06,741''S/46°06'52,177''W;21°19'05,928''S/46°06'52,177''W;21°19'05,928''S/46°06'52,842''W;21°19'05,007''S/46°06'52,842''W;21°19'05,007''S/46°06'53,582''W;21°19'04,129''S/46°06'53,582''W;21°19'04,129''S/46°06'54,016''W;21°19'03,270''S/46°06'54,016''W;21°19'03,270''S/46°06'54,977''W;21°19'05,826''S/46°06'54,977''W;21°19'05,825''S/46°06'58,365''W;21°19'06,284''S/46°06'58,365''W;21°19'06,284''S/46°06'59,428''W;21°19'06,694''S/46°06'59,428''W;21°19'06,694''S/46°07'00,369''W;21°19'06,992''S/46°07'00,369''W;21°19'06,992''S/46°07'01,756''W;21°19'07,254''S/46°07'01,756''W;21°19'07,254''S/46°07'02,369''W;21°19'07,811''S/46°07'02,369''W;21°19'07,811''S/46°07'03,221''W;21°19'08,360''S/46°07'03,221''W;21°19'08,360''S/46°07'03,564''W;21°19'08,975''S/46



AGÊNCIA NACIONAL DE MINERAÇÃO

°07'03,564''W;21°19'08,975''S/46°07'03,968''W;21°19'09,392''S/46°07'03,968''W;21°19'09,391''S/46°07'04,532''W;21°19'09,860''S/46°07'04,532''W;21°19'09,859''S/46°07'05,410''W;21°19'10,100''S/46°07'05,410''W;21°19'10,099''S/46°07'06,683''W;21°19'10,311''S/46°07'06,683''W;21°19'10,311''S/46°07'07,982''W;21°19'10,553''S/46°07'07,982''W;21°19'10,553''S/46°07'09,033''W;21°19'10,722''S/46°07'09,033''W;21°19'10,722''S/46°07'11,035''W;21°19'10,536''S/46°07'11,035''W;21°19'10,536''S/46°07'11,809''W;21°19'10,298''S/46°07'11,809''W;21°19'10,298''S/46°07'12,488''W;21°19'09,979''S/46°07'12,488''W;21°19'09,979''S/46°07'12,927''W;21°19'09,623''S/46°07'12,927''W;21°19'09,623''S/46°07'13,451''W;21°19'09,243''S/46°07'13,451''W;21°19'09,243''S/46°07'13,840''W;21°19'08,850''S/46°07'13,840''W;21°19'08,850''S/46°07'14,226''W;21°19'08,469''S/46°07'14,226''W;21°19'08,469''S/46°07'14,733''W;21°19'07,968''S/46°07'14,733''W;21°19'07,968''S/46°07'15,259''W;21°19'07,501''S/46°07'15,259''W;21°19'07,501''S/46°07'15,736''W;21°19'07,117''S/46°07'15,736''W;21°19'07,117''S/46°07'16,266''W;21°19'06,767''S/46°07'16,266''W;21°19'06,767''S/46°07'16,754''W;21°19'06,528''S/46°07'16,754''W;21°19'06,528''S/46°07'17,660''W;21°19'06,334''S/46°07'17,660''W;21°19'06,334''S/46°07'19,400''W;21°19'06,192''S/46°07'19,400''W;21°19'06,192''S/46°07'20,923''W;21°19'06,385''S/46°07'20,923''W;21°19'06,385''S/46°07'21,291''W;21°19'07,268''S/46°07'21,291''W;21°19'07,268''S/46°07'20,864''W;21°19'07,921''S/46°07'20,864''W;21°19'07,921''S/46°07'20,402''W;21°19'08,731''S/46°07'20,402''W;21°19'08,731''S/46°07'20,170''W;21°19'10,787''S/46°07'20,170''W;21°19'11,326''S/46°07'20,414''W;21°19'11,326''S/46°07'20,773''W;21°19'11,727''S/46°07'20,773''W;21°19'11,727''S/46°07'21,272''W;21°19'12,188''S/46°07'21,272''W;21°19'12,188''S/46°07'22,079''W;21°19'12,726''S/46°07'22,079''W;21°19'12,726''S/46°07'22,970''W;21°19'13,084''S/46°07'22,970''W;21°19'13,084''S/46°07'25,682''W;21°19'12,886''S/46°07'25,682''W;21°19'12,886''S/46°07'26,439''W;21°19'12,589''S/46°07'26,439''W;21°19'12,589''S/46°07'27,337''W;21°19'12,302''S/46°07'27,337''W;21°19'12,302''S/46°07'28,131''W;21°19'12,637''S/46°07'28,131''W;21°19'12,637''S/46°07'28,401''W;21°19'13,149''S/46°07'28,401''W;21°19'13,149''S/46°07'28,610''W;21°19'13,997''S/46°07'28,610''W;21°19'13,997''S/46°07'28,406''W;21°19'14,715''S/46°07'28,406''W;21°19'14,715''S/46°07'27,996''W;21°19'15,257''S/46°07'27,996''W;21°19'15,257''S/46°07'27,541''W;21°19'15,624''S/46°07'27,541''W;21°19'15,624''S/46°07'27,040''W;21°19'15,974''S/46°07'27,040''W;21°19'15,974''S/46°07'26,286''W;21°19'16,209''S/46°07'26,286''W;21°19'16,209''S/46°07'25,568''W;21°19'16,436''S/46°07'25,568''W;21°19'16,436''S/46°07'24,886''W;21°19'16,700''S/46°07'24,886''W;21°19'1



AGÊNCIA NACIONAL DE MINERAÇÃO

6,700''S/46°07'23,991''W;21°19'17,313''S/46°07'23,991''W;21°19'17,313''S/46°07'23,727''W;21°19'18,408''S/46°07'23,727''W;21°19'18,408''S/46°07'24,034''W;21°19'18,875''S/46°07'24,034''W;21°19'18,875''S/46°07'24,330''W;21°19'19,113''S/46°07'24,330''W;21°19'19,113''S/46°07'24,751''W;21°19'19,330''S/46°07'24,751''W;21°19'19,330''S/46°07'25,246''W;21°19'19,656''S/46°07'25,246''W;21°19'19,656''S/46°07'25,600''W;21°19'20,098''S/46°07'25,600''W;21°19'20,098''S/46°07'26,051''W;21°19'20,630''S/46°07'26,051''W;21°19'20,630''S/46°07'26,422''W;21°19'21,139''S/46°07'26,422''W;21°19'21,139''S/46°07'26,861''W;21°19'21,409''S/46°07'26,861''W;21°19'21,409''S/46°07'27,200''W;21°19'21,764''S/46°07'27,200''W;21°19'21,763''S/46°07'28,004''W;21°19'21,895''S/46°07'28,004''W;21°19'21,895''S/46°07'29,162''W;21°19'21,669''S/46°07'29,162''W;21°19'21,669''S/46°07'29,799''W;21°19'21,368''S/46°07'29,799''W;21°19'21,368''S/46°07'30,355''W;21°19'21,011''S/46°07'30,355''W;21°19'21,011''S/46°07'31,481''W;21°19'23,371''S/46°07'31,481''W;21°19'23,371''S/46°07'30,662''W;21°19'23,596''S/46°07'30,662''W;21°19'23,596''S/46°07'29,971''W;21°19'23,927''S/46°07'29,971''W;21°19'23,927''S/46°07'29,431''W;21°19'24,315''S/46°07'29,431''W;21°19'24,315''S/46°07'29,072''W;21°19'24,797''S/46°07'29,072''W;21°19'24,797''S/46°07'28,833''W;21°19'26,431''S/46°07'28,833''W;21°19'26,431''S/46°07'31,112''W;21°19'26,151''S/46°07'31,112''W;21°19'26,151''S/46°07'31,764''W;21°19'25,912''S/46°07'31,764''W;21°19'25,912''S/46°07'32,454''W;21°19'25,733''S/46°07'32,454''W;21°19'25,733''S/46°07'33,444''W;21°19'26,302''S/46°07'33,444''W;21°19'26,302''S/46°07'34,355''W;21°19'26,959''S/46°07'34,355''W;21°19'26,959''S/46°07'35,098''W;21°19'27,808''S/46°07'35,098''W;21°19'27,808''S/46°07'35,791''W;21°19'28,679''S/46°07'35,791''W;21°19'28,679''S/46°07'36,488''W;21°19'29,328''S/46°07'36,488''W;21°19'29,328''S/46°07'37,119''W;21°19'29,961''S/46°07'37,119''W;21°19'29,961''S/46°07'37,981''W;21°19'30,422''S/46°07'37,981''W;21°19'30,422''S/46°07'38,951''W;21°19'30,854''S/46°07'38,951''W;21°19'30,854''S/46°07'40,340''W;21°19'31,116''S/46°07'40,340''W;21°19'31,115''S/46°07'46,447''W;21°19'30,949''S/46°07'46,447''W;21°19'30,949''S/46°07'49,931''W;21°19'30,757''S/46°07'49,931''W;21°19'30,757''S/46°07'50,515''W;21°19'30,365''S/46°07'50,515''W;21°19'30,365''S/46°07'50,840''W;21°19'28,478''S/46°07'50,840''W;21°19'28,478''S/46°07'51,157''W;21°19'28,197''S/46°07'51,157''W;21°19'28,197''S/46°07'51,507''W;21°19'27,951''S/46°07'51,507''W;21°19'27,951''S/46°07'52,013''W;21°19'27,720''S/46°07'52,013''W;21°19'27,720''S/46°07'52,284''W;21°19'27,597''S/46°07'52,284''W;21°19'27,597''S/46°07'52,629''W;21°19'27,449''S/46°07'52,629''W;21°19'27,449''S/46°07'52,986''W;21°19'27,301''S/46°07'52,986''W;21°19'27,301''S/46°07'53,344



AGÊNCIA NACIONAL DE MINERAÇÃO

'W;21°19'27,128''S/46°07'53,344''W;21°19'27,128''S/46°07'53,658''W;21°19'26,964''S/46°07'53,658''W;21°19'26,964''S/46°07'53,947''W;21°19'26,809''S/46°07'53,947''W;21°19'26,809''S/46°07'54,365''W;21°19'26,438''S/46°07'54,365''W;21°19'26,438''S/46°07'54,743''W;21°19'26,073''S/46°07'54,743''W;21°19'26,073''S/46°07'55,009''W;21°19'25,264''S/46°07'55,009''W;21°19'25,264''S/46°07'55,152''W;21°19'23,661''S/46°07'55,152''W;21°19'23,661''S/46°07'54,966''W;21°19'23,153''S/46°07'54,966''W;21°19'23,153''S/46°07'54,700''W;21°19'22,771''S/46°07'54,700''W;21°19'22,771''S/46°07'54,360''W;21°19'22,572''S/46°07'54,360''W;21°19'22,572''S/46°07'52,775''W;21°19'22,745''S/46°07'52,775''W;21°19'22,745''S/46°07'52,045''W;21°19'22,933''S/46°07'52,045''W;21°19'22,933''S/46°07'51,580''W;21°19'23,076''S/46°07'51,580''W;21°19'23,076''S/46°07'50,888''W;21°19'22,838''S/46°07'50,888''W;21°19'22,838''S/46°07'50,420''W;21°19'22,529''S/46°07'50,420''W;21°19'22,529''S/46°07'50,220''W;21°19'22,250''S/46°07'50,220''W;21°19'22,250''S/46°07'50,354''W;21°19'21,924''S/46°07'50,354''W;21°19'21,924''S/46°07'50,572''W;21°19'21,581''S/46°07'50,572''W;21°19'21,581''S/46°07'50,805''W;21°19'21,288''S/46°07'50,805''W;21°19'21,288''S/46°07'51,320''W;21°19'21,058''S/46°07'51,320''W;21°19'21,058''S/46°07'51,707''W;21°19'20,877''S/46°07'51,707''W;21°19'20,877''S/46°07'52,830''W;21°19'20,680''S/46°07'52,830''W;21°19'20,680''S/46°07'54,089''W;21°19'20,466''S/46°07'54,089''W;21°19'20,466''S/46°07'54,832''W;21°19'20,111''S/46°07'54,832''W;21°19'20,111''S/46°07'55,328''W;21°19'18,638''S/46°07'55,328''W;21°19'18,638''S/46°07'55,012''W;21°19'17,873''S/46°07'55,012''W;21°19'17,873''S/46°07'54,675''W;21°19'17,151''S/46°07'54,675''W;21°19'17,151''S/46°07'54,329''W;21°19'16,289''S/46°07'54,329''W;21°19'16,289''S/46°07'53,953''W;21°19'15,666''S/46°07'53,953''W;21°19'15,666''S/46°07'53,737''W;21°19'15,061''S/46°07'53,737''W;21°19'15,061''S/46°07'54,579''W;21°19'14,275''S/46°07'54,579''W;21°19'14,275''S/46°07'55,318''W;21°19'13,685''S/46°07'55,318''W;21°19'13,685''S/46°07'56,051''W;21°19'13,161''S/46°07'56,051''W;21°19'13,161''S/46°07'56,940''W;21°19'12,403''S/46°07'56,940''W;21°19'12,403''S/46°07'57,731''W;21°19'11,664''S/46°07'57,731''W;21°19'11,664''S/46°07'58,427''W;21°19'10,890''S/46°07'58,427''W;21°19'10,890''S/46°07'59,094''W;21°19'10,186''S/46°07'59,094''W;21°19'10,186''S/46°07'59,276''W;21°19'05,846''S/46°07'59,276''W;21°19'05,846''S/46°07'53,999''W;21°19'06,083''S/46°07'53,999''W;21°19'06,083''S/46°07'51,247''W;21°19'05,931''S/46°07'51,247''W;21°19'05,931''S/46°07'50,394''W;21°19'05,589''S/46°07'50,394''W;21°19'05,589''S/46°07'49,696''W;21°19'05,199''S/46°07'49,696''W;21°19'05,199''S/46°07'49,214''W;21°19'04,702''S/46°07'49,214''W;21°19'04,702''S/46°07'48,770''W;21°19'04,171''S/4



AGÊNCIA NACIONAL DE MINERAÇÃO

6°07'48,770''W;21°19'04,171''S/46°07'48,543''W;21°19'03,600''S/46°07'48,543''W;21°19'03,600''S/46°07'48,348''W;21°19'02,671''S/46°07'48,348''W;21°19'02,671''S/46°07'48,522''W;21°19'02,283''S/46°07'48,522''W;21°19'02,283''S/46°07'48,759''W;21°19'02,034''S/46°07'48,759''W;21°19'02,034''S/46°07'49,105''W;21°19'01,815''S/46°07'49,105''W;21°19'01,815''S/46°07'49,711''W;21°19'01,655''S/46°07'49,711''W;21°19'01,655''S/46°07'50,487''W;21°19'01,402''S/46°07'50,487''W;21°19'01,402''S/46°07'51,080''W;21°19'01,228''S/46°07'51,080''W;21°19'01,228''S/46°07'51,731''W;21°19'01,386''S/46°07'51,731''W;21°19'01,386''S/46°07'52,163''W;21°19'01,654''S/46°07'52,163''W;21°19'01,654''S/46°07'52,487''W;21°19'02,163''S/46°07'52,487''W;21°19'02,163''S/46°07'52,781''W;21°19'02,559''S/46°07'52,781''W;21°19'02,559''S/46°07'53,108''W;21°19'03,014''S/46°07'53,108''W;21°19'03,014''S/46°07'53,500''W;21°19'03,359''S/46°07'53,500''W;21°19'03,359''S/46°07'53,876''W;21°19'03,690''S/46°07'53,876''W;21°19'03,690''S/46°07'54,127''W;21°19'03,998''S/46°07'54,127''W;21°19'03,998''S/46°07'54,264''W;21°19'03,666''S/46°07'54,264''W;21°19'03,666''S/46°07'56,849''W;21°19'03,326''S/46°07'56,849''W;21°19'03,326''S/46°07'57,326''W;21°19'02,866''S/46°07'57,326''W;21°19'02,866''S/46°07'57,546''W;21°19'01,277''S/46°07'57,546''W;21°19'01,277''S/46°07'57,219''W;21°19'01,006''S/46°07'57,219''W;21°19'01,006''S/46°07'56,888''W;21°19'00,668''S/46°07'56,888''W;21°19'00,668''S/46°07'56,463''W;21°19'00,178''S/46°07'56,463''W;21°19'00,178''S/46°07'56,079''W;21°18'59,632''S/46°07'56,079''W;21°18'59,632''S/46°07'56,447''W;21°18'59,135''S/46°07'56,447''W;21°18'59,135''S/46°07'56,890''W;21°18'58,660''S/46°07'56,890''W;21°18'58,660''S/46°07'57,333''W;21°18'58,223''S/46°07'57,333''W;21°18'58,223''S/46°07'57,801''W;21°18'57,663''S/46°07'57,801''W;21°18'57,663''S/46°07'58,145''W;21°18'57,130''S/46°07'58,145''W;21°18'57,130''S/46°07'58,538''W;21°18'56,617''S/46°07'58,538''W;21°18'56,617''S/46°07'58,865''W;21°18'56,166''S/46°07'58,865''W;21°18'56,166''S/46°07'59,176''W;21°18'55,769''S/46°07'59,176''W;21°18'55,769''S/46°07'59,504''W;21°18'55,519''S/46°07'59,504''W;21°18'55,519''S/46°08'00,071''W;21°18'55,716''S/46°08'00,071''W;21°18'55,716''S/46°08'00,511''W;21°18'55,891''S/46°08'00,511''W;21°18'55,891''S/46°08'01,166''W;21°18'55,995''S/46°08'01,166''W;21°18'55,995''S/46°08'02,069''W;21°18'55,811''S/46°08'02,069''W;21°18'55,811''S/46°08'03,043''W;21°18'55,325''S/46°08'03,043''W;21°18'55,325''S/46°08'03,694''W;21°18'54,850''S/46°08'03,694''W;21°18'54,850''S/46°08'04,303''W;21°18'54,235''S/46°08'04,303''W;21°18'54,235''S/46°08'04,860''W;21°18'53,716''S/46°08'04,860''W;21°18'53,716''S/46°08'05,238''W;21°18'52,879''S/46°08'05,238''W;21°18'52,879''S/46°08'05,587''W;21°18'52,242''S/46°08'05,587''W;21°18'



AGÊNCIA NACIONAL DE MINERAÇÃO

52,242''S/46°08'05,828''W;21°18'49,388''S/46°08'05,828''W;21°18'49,388''S/46°08'05,360''W;21°18'49,195''S/46°08'05,360''W;21°18'49,195''S/46°08'04,961''W;21°18'49,035''S/46°08'04,961''W;21°18'49,035''S/46°08'02,974''W;21°18'49,242''S/46°08'02,974''W;21°18'49,242''S/46°08'02,206''W;21°18'49,534''S/46°08'02,206''W;21°18'49,534''S/46°08'01,812''W;21°18'49,730''S/46°08'01,812''W;21°18'49,730''S/46°08'01,119''W;21°18'49,008''S/46°08'01,119''W;21°18'49,008''S/46°08'01,486''W;21°18'48,518''S/46°08'01,486''W;21°18'48,518''S/46°08'02,030''W;21°18'47,968''S/46°08'02,030''W;21°18'47,968''S/46°08'02,704''W;21°18'47,314''S/46°08'02,704''W;21°18'47,314''S/46°08'03,261''W;21°18'46,791''S/46°08'03,261''W;21°18'46,791''S/46°08'03,795''W;21°18'46,166''S/46°08'03,795''W;21°18'46,166''S/46°08'04,419''W;21°18'45,535''S/46°08'04,419''W;21°18'45,535''S/46°08'04,935''W;21°18'44,866''S/46°08'04,935''W;21°18'44,866''S/46°08'05,427''W;21°18'44,092''S/46°08'05,427''W;21°18'44,092''S/46°08'05,785''W;21°18'43,184''S/46°08'05,785''W;21°18'43,184''S/46°08'06,092''W;21°18'40,552''S/46°08'06,092''W;21°18'40,552''S/46°08'05,823''W;21°18'39,869''S/46°08'05,823''W;21°18'39,869''S/46°08'05,055''W;21°18'39,480''S/46°08'05,055''W;21°18'39,480''S/46°08'04,234''W;21°18'39,067''S/46°08'04,234''W;21°18'39,067''S/46°08'03,561''W;21°18'38,638''S/46°08'03,561''W;21°18'38,638''S/46°08'02,906''W;21°18'38,089''S/46°08'02,906''W;21°18'38,089''S/46°08'02,010''W;21°18'37,629''S/46°08'02,010''W;21°18'37,629''S/46°08'01,161''W;21°18'37,284''S/46°08'01,161''W;21°18'37,284''S/46°08'00,427''W;21°18'36,850''S/46°08'00,427''W;21°18'36,850''S/46°07'59,663''W;21°18'36,451''S/46°07'59,663''W;21°18'36,451''S/46°07'59,018''W;21°18'36,156''S/46°07'59,018''W;21°18'36,156''S/46°07'58,527''W;21°18'36,010''S/46°07'58,527''W;21°18'36,010''S/46°07'55,813''W;21°18'36,388''S/46°07'55,813''W;21°18'36,388''S/46°07'55,140''W;21°18'36,709''S/46°07'55,140''W;21°18'36,709''S/46°07'54,363''W;21°18'37,083''S/46°07'54,363''W;21°18'37,083''S/46°07'53,803''W;21°18'37,359''S/46°07'53,803''W;21°18'37,359''S/46°07'53,214''W;21°18'37,644''S/46°07'53,214''W;21°18'37,644''S/46°07'52,737''W;21°18'37,867''S/46°07'52,737''W;21°18'37,867''S/46°07'52,336''W;21°18'37,396''S/46°07'52,336''W;21°18'37,396''S/46°07'52,511''W;21°18'36,961''S/46°07'52,511''W;21°18'36,961''S/46°07'52,912''W;21°18'36,282''S/46°07'52,912''W;21°18'36,282''S/46°07'53,366''W;21°18'35,506''S/46°07'53,366''W;21°18'35,506''S/46°07'53,820''W;21°18'34,862''S/46°07'53,820''W;21°18'34,862''S/46°07'54,215''W;21°18'34,432''S/46°07'54,215''W;21°18'34,432''S/46°07'54,718''W;21°18'34,151''S/46°07'54,718''W;21°18'34,151''S/46°07'55,170''W;21°18'33,939''S/46°07'55,170''W;21°18'33,939''S/46°07'55,671''W;21°18'33,626''S/46°07'55,671''W;21°18'33,626''S/46°07'56,26



AGÊNCIA NACIONAL DE MINERAÇÃO

4' 'W; 21° 18' 33,755' 'S/46° 07' 56,264' 'W; 21° 18' 33,755' 'S/46° 07' 59,321' 'W; 21° 18' 33,412' 'S/46° 07' 59,321' 'W; 21° 18' 33,412' 'S/46° 07' 59,972' 'W; 21° 18' 33,000' 'S/46° 07' 59,972' 'W; 21° 18' 33,000' 'S/46° 08' 00,566' 'W; 21° 18' 32,490' 'S/46° 08' 00,566' 'W; 21° 18' 32,490' 'S/46° 08' 00,941' 'W; 21° 18' 32,044' 'S/46° 08' 00,941' 'W; 21° 18' 32,044' 'S/46° 08' 01,251' 'W; 21° 18' 31,457' 'S/46° 08' 01,251' 'W; 21° 18' 31,457' 'S/46° 08' 01,525' 'W; 21° 18' 28,896' 'S/46° 08' 01,525' 'W; 21° 18' 28,896' 'S/46° 08' 01,808' 'W; 21° 18' 28,690' 'S/46° 08' 01,808' 'W; 21° 18' 28,690' 'S/46° 08' 02,545' 'W; 21° 18' 28,889' 'S/46° 08' 02,545' 'W; 21° 18' 28,889' 'S/46° 08' 03,219' 'W; 21° 18' 29,159' 'S/46° 08' 03,219' 'W; 21° 18' 29,159' 'S/46° 08' 03,724' 'W; 21° 18' 29,369' 'S/46° 08' 03,724' 'W; 21° 18' 29,369' 'S/46° 08' 04,246' 'W; 21° 18' 29,667' 'S/46° 08' 04,246' 'W; 21° 18' 29,667' 'S/46° 08' 04,808' 'W; 21° 18' 29,849' 'S/46° 08' 04,808' 'W; 21° 18' 29,849' 'S/46° 08' 07,493' 'W; 21° 18' 29,618' 'S/46° 08' 07,493' 'W; 21° 18' 29,618' 'S/46° 08' 08,277' 'W; 21° 18' 29,316' 'S/46° 08' 08,277' 'W; 21° 18' 29,316' 'S/46° 08' 08,841' 'W; 21° 18' 29,047' 'S/46° 08' 08,841' 'W; 21° 18' 29,047' 'S/46° 08' 09,620' 'W; 21° 18' 29,383' 'S/46° 08' 09,620' 'W; 21° 18' 29,383' 'S/46° 08' 09,866' 'W; 21° 18' 32,138' 'S/46° 08' 09,866' 'W; 21° 18' 32,138' 'S/46° 08' 10,319' 'W; 21° 18' 32,603' 'S/46° 08' 10,319' 'W; 21° 18' 32,603' 'S/46° 08' 10,875' 'W; 21° 18' 32,813' 'S/46° 08' 10,875' 'W; 21° 18' 32,813' 'S/46° 08' 13,414' 'W; 21° 18' 32,544' 'S/46° 08' 13,414' 'W; 21° 18' 32,544' 'S/46° 08' 14,275' 'W; 21° 18' 32,273' 'S/46° 08' 14,275' 'W; 21° 18' 32,273' 'S/46° 08' 15,028' 'W; 21° 18' 32,116' 'S/46° 08' 15,028' 'W; 21° 18' 32,116' 'S/46° 08' 16,271' 'W; 21° 18' 31,951' 'S/46° 08' 16,271' 'W; 21° 18' 31,951' 'S/46° 08' 19,143' 'W; 21° 18' 31,402' 'S/46° 08' 19,143' 'W; 21° 18' 31,402' 'S/46° 08' 19,581' 'W; 21° 18' 28,457' 'S/46° 08' 19,581' 'W; 21° 18' 28,457' 'S/46° 08' 19,343' 'W; 21° 18' 28,024' 'S/46° 08' 19,343' 'W; 21° 18' 28,024' 'S/46° 08' 18,985' 'W; 21° 18' 27,702' 'S/46° 08' 18,985' 'W; 21° 18' 27,702' 'S/46° 08' 18,636' 'W; 21° 18' 27,443' 'S/46° 08' 18,636' 'W; 21° 18' 27,443' 'S/46° 08' 17,991' 'W; 21° 18' 27,317' 'S/46° 08' 17,991' 'W; 21° 18' 27,317' 'S/46° 08' 16,152' 'W; 21° 18' 27,496' 'S/46° 08' 16,152' 'W; 21° 18' 27,496' 'S/46° 08' 15,472' 'W; 21° 18' 27,686' 'S/46° 08' 15,472' 'W; 21° 18' 27,686' 'S/46° 08' 15,034' 'W; 21° 18' 27,839' 'S/46° 08' 15,034' 'W; 21° 18' 27,839' 'S/46° 08' 14,749' 'W; 21° 18' 27,746' 'S/46° 08' 14,749' 'W; 21° 18' 27,746' 'S/46° 08' 14,182' 'W; 21° 18' 27,419' 'S/46° 08' 14,182' 'W; 21° 18' 27,419' 'S/46° 08' 14,568' 'W; 21° 18' 27,266' 'S/46° 08' 14,568' 'W; 21° 18' 27,266' 'S/46° 08' 15,750' 'W; 21° 18' 27,045' 'S/46° 08' 15,750' 'W; 21° 18' 27,045' 'S/46° 08' 16,627' 'W; 21° 18' 26,675' 'S/46° 08' 16,627' 'W; 21° 18' 26,675' 'S/46° 08' 16,971' 'W; 21° 18' 26,266' 'S/46° 08' 16,971' 'W; 21° 18' 26,266' 'S/46° 08' 17,343' 'W; 21° 18' 22,880' 'S/46° 08' 17,343' 'W; 21° 18' 22,880' 'S/46° 08' 17,618' 'W; 21° 18' 23,175' 'S/46° 08' 17,618' 'W; 21° 18' 23,175' 'S/46° 08' 18,662' 'W; 21° 18' 23,512' 'S/46° 08' 18,662' 'W; 21° 18' 23,512' 'S/46° 08' 19,982' 'W; 21° 18' 23,780' 'S/46° 08' 19,982' 'W; 21° 18' 23,780' 'S/46° 08' 22,834' 'W; 21° 18' 21,480' 'S/



AGÊNCIA NACIONAL DE MINERAÇÃO

46°08'22,834''W;21°18'21,480''S/46°08'22,622''W;21°18'19,954''S/46°08'22,622''W;21°18'19,954''S/46°08'23,477''W;21°18'20,340''S/46°08'23,477''W;21°18'20,340''S/46°08'24,144''W;21°18'20,756''S/46°08'24,144''W;21°18'20,756''S/46°08'24,831''W;21°18'21,038''S/46°08'24,831''W;21°18'21,038''S/46°08'26,846''W;21°18'20,604''S/46°08'26,846''W;21°18'20,604''S/46°08'27,506''W;21°18'17,871''S/46°08'27,506''W;21°18'17,871''S/46°08'26,350''W;21°18'17,377''S/46°08'26,350''W;21°18'17,377''S/46°08'25,417''W;21°18'16,953''S/46°08'25,417''W;21°18'16,953''S/46°08'24,424''W;21°18'16,587''S/46°08'24,424''W;21°18'16,587''S/46°08'23,420''W;21°18'16,212''S/46°08'23,420''W;21°18'16,212''S/46°08'22,335''W;21°18'15,680''S/46°08'22,335''W;21°18'15,680''S/46°08'21,084''W;21°18'15,259''S/46°08'21,084''W;21°18'15,259''S/46°08'20,478''W;21°18'14,498''S/46°08'20,478''W;21°18'14,498''S/46°08'20,074''W;21°18'12,938''S/46°08'20,074''W;21°18'12,938''S/46°08'20,904''W;21°18'13,332''S/46°08'20,904''W;21°18'13,332''S/46°08'21,956''W;21°18'14,196''S/46°08'21,956''W;21°18'14,196''S/46°08'23,122''W;21°18'15,224''S/46°08'23,122''W;21°18'15,224''S/46°08'24,201''W;21°18'15,824''S/46°08'24,201''W;21°18'15,824''S/46°08'26,929''W;21°18'13,363''S/46°08'26,929''W;21°18'13,363''S/46°08'26,237''W;21°18'12,227''S/46°08'26,237''W;21°18'12,227''S/46°08'26,994''W;21°18'11,944''S/46°08'26,994''W;21°18'11,944''S/46°08'27,647''W;21°18'11,560''S/46°08'27,647''W;21°18'11,560''S/46°08'28,081''W;21°18'11,265''S/46°08'28,081''W;21°18'11,265''S/46°08'29,061''W;21°18'11,506''S/46°08'29,061''W;21°18'11,506''S/46°08'29,766''W;21°18'12,144''S/46°08'29,766''W;21°18'12,144''S/46°08'29,911''W;21°18'13,283''S/46°08'29,911''W;21°18'13,283''S/46°08'30,123''W;21°18'13,912''S/46°08'30,123''W;21°18'13,912''S/46°08'30,551''W;21°18'14,347''S/46°08'30,551''W;21°18'14,347''S/46°08'31,195''W;21°18'14,518''S/46°08'31,195''W;21°18'14,518''S/46°08'32,132''W;21°18'14,746''S/46°08'32,132''W;21°18'14,746''S/46°08'33,118''W;21°18'14,929''S/46°08'33,118''W;21°18'14,929''S/46°08'38,897''W;21°18'14,619''S/46°08'38,897''W;21°18'14,619''S/46°08'39,972''W;21°18'14,164''S/46°08'39,972''W;21°18'14,164''S/46°08'40,812''W;21°18'13,778''S/46°08'40,812''W;21°18'13,778''S/46°08'41,542''W;21°18'13,554''S/46°08'41,542''W;21°18'13,554''S/46°08'42,462''W;21°18'12,978''S/46°08'42,462''W;21°18'12,978''S/46°08'42,925''W;21°18'12,361''S/46°08'42,925''W;21°18'12,361''S/46°08'43,249''W;21°18'09,432''S/46°08'43,249''W;21°18'09,432''S/46°08'42,929''W;21°18'08,433''S/46°08'42,929''W;21°18'08,433''S/46°08'42,500''W;21°18'07,793''S/46°08'42,500''W;21°18'07,793''S/46°08'42,089''W;21°18'07,241''S/46°08'42,089''W;21°18'07,241''S/46°08'41,726''W;21°18'06,733''S/46°08'41,726''W;21°18'06,733''S/46°08'43,985''W;21°18'06,440''S/46°08'43,985''W;21°18



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AGÊNCIA NACIONAL DE MINERAÇÃO

'06,440''S/46°08'44,388''W;21°18'06,057''S/46°08'44,388''W;
21°18'06,057''S/46°08'44,698''W;21°18'03,010''S/46°08'44,69
8''W;21°18'03,010''S/46°08'44,209''W;21°18'01,915''S/46°08'
44,209''W;21°18'01,915''S/46°08'46,120''W;21°18'01,098''S/4
6°08'46,120''W;21°18'01,098''S/46°08'46,550''W;21°18'00,525
''S/46°08'46,550''W;21°18'00,525''S/46°08'46,890''W;21°17'5
9,895''S/46°08'46,890''W;21°17'59,895''S/46°08'47,244''W;21
°17'58,987''S/46°08'47,244''W;21°17'58,987''S/46°08'47,536'
''W;21°17'58,072''S/46°08'47,536''W;21°17'58,072''S/46°08'47
,779''W;21°17'56,653''S/46°08'47,779''W;21°17'56,653''S/46°
08'48,049''W;21°17'55,790''S/46°08'48,049''W;21°17'55,790''
S/46°08'48,481''W;21°17'55,094''S/46°08'48,481''W;21°17'55,
094''S/46°08'49,006''W;21°17'54,360''S/46°08'49,006''W;21°1
7'54,360''S/46°08'49,515''W;21°17'53,627''S/46°08'49,515''W
;21°17'53,627''S/46°08'50,025''W;21°17'53,039''S/46°08'50,0
25''W;21°17'53,039''S/46°08'50,956''W;21°17'53,500''S/46°08
'50,956''W;21°17'53,500''S/46°08'51,459''W;21°17'54,212''S/
46°08'51,459''W;21°17'54,212''S/46°08'52,276''W;21°17'54,83
9''S/46°08'52,276''W;21°17'54,839''S/46°08'52,875''W;21°17'
55,580''S/46°08'52,875''W;21°17'55,580''S/46°08'53,490''W;2
1°17'56,204''S/46°08'53,490''W;21°17'56,204''S/46°08'54,150
''W;21°17'56,745''S/46°08'54,150''W;21°17'56,745''S/46°08'5
4,733''W;21°17'57,384''S/46°08'54,733''W;21°17'57,384''S/46
°08'55,690''W;21°17'57,888''S/46°08'55,690''W;21°17'57,888'
''S/46°08'56,287''W;21°17'58,454''S/46°08'56,287''W;21°17'58
,454''S/46°08'56,947''W;21°17'58,751''S/46°08'56,947''W;21°
17'58,751''S/46°08'58,430''W;21°17'57,775''S/46°08'58,430''
W, em SIRGAS2000.

Art. 2º Esta Portaria entra em vigor na data de sua publicação. (Cód. 2.132)

VICTOR HUGO FRONER BICCA



E7BC00FD-C7314688-AB885A8E-6707B68D

(Empenho 2018NE800015)



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 07/04/2020
Rel. 159/2020 – DF

PORTARIA ANM N° 20/2020, DE 3 DE ABRIL DE 2020

O DIRETOR-GERAL DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pelo Decreto n° 9.587/2018, e tendo em vista o que consta do Processo n° 862.299/2011, resolve:

Art. 1° Outorgar à COMERCIAL DE AREIA TAPERA LTDA ME, concessão para lavrar AREIA, no(s) Município(s) de IVOLÂNDIA/GO, numa área de 38,75ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long): 16°39'21,705''S/50°53'48,281''W;16°39'04,789''S/50°53'48,281''W;16°39'04,789''S/50°53'38,495''W;16°38'58,771''S/50°53'38,495''W;16°38'58,771''S/50°53'21,622''W;16°38'53,455''S/50°53'21,623''W;16°38'53,455''S/50°53'14,536''W;16°38'59,255''S/50°53'14,536''W;16°38'59,255''S/50°53'15,211''W;16°38'59,906''S/50°53'15,211''W;16°38'59,906''S/50°53'16,223''W;16°39'03,159''S/50°53'16,223''W;16°39'03,159''S/50°53'18,923''W;16°39'07,388''S/50°53'18,922''W;16°39'07,388''S/50°53'19,597''W;16°39'08,038''S/50°53'19,597''W;16°39'08,039''S/50°53'21,960''W;16°39'09,014''S/50°53'21,959''W;16°39'09,014''S/50°53'22,634''W;16°39'10,966''S/50°53'22,634''W;16°39'10,966''S/50°53'23,647''W;16°39'11,942''S/50°53'23,647''W;16°39'11,942''S/50°53'28,709''W;16°39'10,319''S/50°53'28,709''W;16°39'10,319''S/50°53'29,721''W;16°39'08,367''S/50°53'29,721''W;16°39'08,367''S/50°53'30,733''W;16°39'06,741''S/50°53'30,733''W;16°39'06,741''S/50°53'32,421''W;16°39'07,714''S/50°53'32,421''W;16°39'07,714''S/50°53'33,433''W;16°39'08,689''S/50°53'33,433''W;16°39'08,689''S/50°53'34,783''W;16°39'10,316''S/50°53'34,783''W;16°39'10,316''S/50°53'35,795''W;16°39'11,943''S/50°53'35,795''W;16°39'11,943''S/50°53'36,807''W;16°39'15,196''S/50°53'36,807''W;16°39'15,196''S/50°53'38,495''W;16°39'16,822''S/50°53'38,495''W;16°39'16,822''S/50°53'41,532''W;16°39'21,705''S/50°53'41,532''W;16°39'21,705''S/50°53'48,281''W, em SIRGAS2000.

Art. 2° Esta Portaria entra em vigor na data de sua publicação. (Cód. 2.132)

VICTOR HUGO FRONER BICCA



7437A09A-236A4E3E-A4203EBB-53948378

(Empenho 2018NE800015)

Transcrito no Livro C 5 – ANM - Fls. 26

Em 02/10/2020



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 07/04/2020
Rel. 159/2020 – DF

PORTARIA ANM N° 21/2020, DE 3 DE ABRIL DE 2020

O DIRETOR-GERAL DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pelo Decreto n° 9.587/2018, e tendo em vista o que consta do Processo n° 862.706/2011, resolve:

Art. 1° Outorgar à C V M ADMINISTRAÇÃO E PARTICIPAÇÃO LTDA, concessão para lavrar XISTO, no(s) Município(s) de JARAGUÁ/GO, numa área de 29,33ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long): 15°32'02,379''S/49°30'18,593''W; 15°32'02,379''S/49°30'01,702''W; 15°32'19,785''S/49°30'01,702''W; 15°32'19,785''S/49°30'22,620''W; 15°32'13,278''S/49°30'22,620''W; 15°32'13,278''S/49°30'18,593''W; 15°32'02,379''S/49°30'18,593''W, em SIRGAS2000.

Art. 2° Esta Portaria entra em vigor na data de sua publicação. (Cód. 2.132)

VICTOR HUGO FRONER BICCA



3C353F71-33B04A81-A109EEB0-88FE17EF

(Empenho 2018NE800015)



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 07/04/2020
Rel. 159/2020 – DF

PORTARIA ANM N° 22/2020, DE 3 DE ABRIL DE 2020

O DIRETOR-GERAL DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pelo Decreto n° 9.587/2018, e tendo em vista o que consta do Processo n° 821.437/2012, resolve:

Art. 1° Outorgar à EXTRAÇÃO E COMERCIO DE AREIA QUEVEDO & SILVA LTDA, concessão para lavrar AREIA, no(s) Município(s) de IPERÓ/SP, TATUÍ/SP, numa área de 50,00ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long): 23°21'15,201''S/47°43'35,137''W; 23°21'15,201''S/47°43'52,740''W; 23°21'16,826''S/47°43'52,740''W; 23°21'16,825''S/47°44'06,823''W; 23°21'23,327''S/47°44'06,824''W; 23°21'23,326''S/47°44'10,344''W; 23°21'15,200''S/47°44'10,344''W; 23°21'15,200''S/47°44'13,864''W; 23°20'55,696''S/47°44'13,863''W; 23°20'55,697''S/47°43'54,500''W; 23°21'00,573''S/47°43'54,500''W; 23°21'00,573''S/47°43'59,781''W; 23°21'03,823''S/47°43'59,781''W; 23°21'03,824''S/47°43'43,939''W; 23°21'08,700''S/47°43'43,939''W; 23°21'08,700''S/47°43'40,418''W; 23°21'11,950''S/47°43'40,418''W; 23°21'11,950''S/47°43'35,137''W; 23°21'15,201''S/47°43'35,137''W, em SIRGAS2000.

Art. 2° Esta Portaria entra em vigor na data de sua publicação. (Cód. 2.132)

VICTOR HUGO FRONER BICCA



3F82DA52-60C4458E-84BB383A-073CAE61

(Empenho 2018NE800015)



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 07/04/2020
Rel. 159/2020 – DF

PORTARIA ANM N° 23/2020, DE 3 DE ABRIL DE 2020

O DIRETOR-GERAL DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pelo Decreto n° 9.587/2018, e tendo em vista o que consta do Processo n° 868.104/2014, resolve:

Art. 1° Outorgar à CALCARIO MIRANDA LTDA, concessão para lavrar CALCÁRIO, no(s) Município(s) de MIRANDA/MS, numa área de 28,85ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long): 20°22'54,928''S/56°11'55,431''W; 20°22'59,298''S/56°11'55,431''W; 20°22'59,298''S/56°11'50,905''W; 20°23'10,291''S/56°11'50,905''W; 20°23'10,291''S/56°11'48,154''W; 20°23'17,797''S/56°11'48,154''W; 20°23'17,797''S/56°12'02,324''W; 20°23'10,344''S/56°12'02,324''W; 20°23'10,344''S/56°12'04,571''W; 20°23'05,164''S/56°12'04,571''W; 20°23'05,164''S/56°12'07,195''W; 20°22'54,928''S/56°12'07,195''W; 20°22'54,928''S/56°11'55,431''W, em SIRGAS2000.

Art. 2° Esta Portaria entra em vigor na data de sua publicação. (Cód. 2.132)

VICTOR HUGO FRONER BICCA



FB310832-23CE453E-89A47E4F-7AA2F746

(Empenho 2018NE800015)



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 07/04/2020
Rel. 159/2020 – DF

PORTARIA ANM N° 24/2020, DE 3 DE ABRIL DE 2020

O DIRETOR-GERAL DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pelo Decreto n° 9.587/2018, e tendo em vista o que consta do Processo n° 890.758/2014, resolve:

Art. 1° Outorgar à ULTRA STONE MINERAÇÃO ERELI, concessão para lavrar GRANULITO, no(s) Município(s) de PORCIÚNCULA/RJ, numa área de 24,44ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long): 21°00'12,940''S/42°05'16,549''W; 21°00'12,942''S/42°05'06,516''W; 21°00'26,641''S/42°05'06,516''W; 21°00'26,641''S/42°05'26,599''W; 21°00'19,090''S/42°05'26,597''W; 21°00'12,939''S/42°05'26,595''W; 21°00'12,940''S/42°05'16,559''W; 21°00'12,887''S/42°05'16,559''W; 21°00'12,887''S/42°05'16,549''W; 21°00'12,940''S/42°05'16,549''W, em SIRGAS2000.

Art. 2° Esta Portaria entra em vigor na data de sua publicação. (Cód. 2.132)

VICTOR HUGO FRONER BICCA



7F6420F0-2D374B93-8F2719AD-7F475B82

(Empenho 2018NE800015)