



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 27/07/2021
Rel. 352/2021-SEDE-PR
Ass. Dilva B. Medeiros

ALVARÁ N° 5220/2021, DE 21 DE JULHO DE 2021

O SUPERINTENDENTE DE PESQUISA E RECURSOS MINERAIS DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pela Resolução n° 31/2020 e com fundamento no art. 15, do Decreto-lei n° 227, de 28 de fevereiro de 1967, (Código de Mineração), e na Lei 13.575/2017 resolve:

I - Autorizar pelo prazo de 1 ano, REGINALDO BUENO PARANHOS, a pesquisar AREIA no(s) Município(s) de ARAPOTI/PR, PIRAÍ DO SUL/PR, numa área de 48,91ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long): 24°14'21,070''S/50°00'24,594''W; 24°14'21,070''S/50°00'16,226''W; 24°14'33,662''S/50°00'16,226''W; 24°14'33,662''S/50°00'11,767''W; 24°14'37,924''S/50°00'11,767''W; 24°14'37,924''S/50°00'01,735''W; 24°14'47,514''S/50°00'01,735''W; 24°14'47,514''S/49°59'40,456''W; 24°14'53,064''S/49°59'40,456''W; 24°14'53,064''S/49°59'33,746''W; 24°14'48,078''S/49°59'33,746''W; 24°14'48,078''S/49°59'17,262''W; 24°14'41,922''S/49°59'17,262''W; 24°14'41,922''S/49°59'11,956''W; 24°14'51,347''S/49°59'11,956''W; 24°14'51,347''S/49°59'15,001''W; 24°14'53,676''S/49°59'15,001''W; 24°14'53,676''S/49°59'30,974''W; 24°14'58,723''S/49°59'30,974''W; 24°14'58,723''S/49°59'43,558''W; 24°14'51,590''S/49°59'43,558''W; 24°14'51,590''S/49°59'54,606''W; 24°14'54,848''S/49°59'54,606''W; 24°14'54,848''S/50°00'05,786''W; 24°14'41,267''S/50°00'05,786''W; 24°14'41,267''S/50°00'16,813''W; 24°14'36,105''S/50°00'16,813''W; 24°14'36,105''S/50°00'21,605''W; 24°14'29,601''S/50°00'21,605''W; 24°14'29,601''S/50°00'24,594''W; 24°14'21,070''S/50°00'24,594''W, em SIRGAS2000.

II - O titular deste Alvará de Pesquisa fica obrigado a efetuar o pagamento da taxa anual por hectare, conforme previsto no art. 4°, da Portaria MME n° 503, de 28 de dezembro de 1999, publicada no Diário Oficial da União de 29 de dezembro de 1999.

III - O titular deste Alvará de Pesquisa é obrigado sob pena de sanções a iniciar os trabalhos, no prazo de 60

Transcrito no Livro B – 2670 Fls. 155

Em 16/08/2021

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(sessenta) dias, conforme previsto no art. 29, do Código de Mineração.

IV - A autorização objeto deste alvará implicará no cumprimento pelo titular do Termo de Compromisso, anexado aos autos do processo, nos casos cabíveis.

V - Este título não dispensa, para realização das atividades minerárias, a obtenção pelo interessado das licenças, anuências, autorizações e permissões exigidas pela legislação ambiental aplicável.

VI - Este Alvará entra em vigor na data de sua publicação.
(Processo nº 826.183/2021) - (Cód. 321)

JOTAVIO BORGES GOMES



8CF8D313-7FEC4CAD-ADC41FA3-E6FA34E3

(Empenho 2018NE800015)

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ALVARÁ N° 5221/2021, DE 21 DE JULHO DE 2021

O SUPERINTENDENTE DE PESQUISA E RECURSOS MINERAIS DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pela Resolução n° 31/2020 e com fundamento no art. 15, do Decreto-lei n° 227, de 28 de fevereiro de 1967, (Código de Mineração), e na Lei 13.575/2017 resolve:

I - Autorizar pelo prazo de 1 ano, REGINALDO BUENO PARANHOS, a pesquisar AREIA no(s) Município(s) de ARAPOTI/PR, JAGUARIAÍVA/PR, PIRAÍ DO SUL/PR, numa área de 48,62ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long):

24°13'51,396''S/49°58'23,606''W;24°13'51,396''S/49°58'18,891''W;24°14'09,798''S/49°58'18,891''W;24°14'09,798''S/49°58'20,480''W;24°14'15,596''S/49°58'20,480''W;24°14'15,596''S/49°58'24,759''W;24°14'22,030''S/49°58'24,759''W;24°14'22,030''S/49°58'28,891''W;24°14'26,317''S/49°58'28,891''W;24°14'26,317''S/49°58'40,841''W;24°14'21,814''S/49°58'40,841''W;24°14'21,814''S/49°58'48,784''W;24°14'26,808''S/49°58'48,784''W;24°14'26,808''S/49°59'02,714''W;24°14'51,284''S/49°59'02,714''W;24°14'51,284''S/49°59'11,881''W;24°14'41,886''S/49°59'11,881''W;24°14'41,886''S/49°59'07,488''W;24°14'22,578''S/49°59'07,488''W;24°14'22,578''S/49°58'56,118''W;24°14'18,145''S/49°58'56,118''W;24°14'18,145''S/49°58'47,183''W;24°14'15,256''S/49°58'47,183''W;24°14'15,256''S/49°58'38,909''W;24°14'20,662''S/49°58'38,909''W;24°14'20,662''S/49°58'31,633''W;24°14'15,282''S/49°58'31,633''W;24°14'15,282''S/49°58'27,705''W;24°14'11,126''S/49°58'27,705''W;24°14'11,126''S/49°58'23,606''W;24°13'51,396''S/49°58'23,606''W, em SIRGAS2000.

II - O titular deste Alvará de Pesquisa fica obrigado a efetuar o pagamento da taxa anual por hectare, conforme previsto no art. 4°, da Portaria MME n° 503, de 28 de dezembro de 1999, publicada no Diário Oficial da União de 29 de dezembro de 1999.

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III - O titular deste Alvará de Pesquisa é obrigado sob pena de sanções a iniciar os trabalhos, no prazo de 60 (sessenta) dias, conforme previsto no art. 29, do Código de Mineração.

IV - A autorização objeto deste alvará implicará no cumprimento pelo titular do Termo de Compromisso, anexado aos autos do processo, nos casos cabíveis.

V - Este título não dispensa, para realização das atividades minerárias, a obtenção pelo interessado das licenças, anuências, autorizações e permissões exigidas pela legislação ambiental aplicável.

VI - Este Alvará entra em vigor na data de sua publicação. (Processo nº 826.184/2021) - (Cód. 321)

JOTAVIO BORGES GOMES



E1CA2371-C80541D0-A02637ED-30BB26FE

(Empenho 2018NE800015)

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ALVARÁ N° 5222/2021, DE 21 DE JULHO DE 2021

O SUPERINTENDENTE DE PESQUISA E RECURSOS MINERAIS DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pela Resolução n° 31/2020 e com fundamento no art. 15, do Decreto-lei n° 227, de 28 de fevereiro de 1967, (Código de Mineração), e na Lei 13.575/2017 resolve:

I - Autorizar pelo prazo de 1 ano, CHAMA MINERACAO E COMERCIO LTDA, a pesquisar AREIA no(s) Município(s) de MATINHOS/PR, numa área de 19,54ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long):
25°45'22,295''S/48°31'11,428''W;25°45'22,295''S/48°31'13,242''W;25°45'15,494''S/48°31'13,242''W;25°45'15,494''S/48°31'11,716''W;25°45'13,313''S/48°31'11,716''W;25°45'13,313''S/48°31'10,837''W;25°45'11,282''S/48°31'10,837''W;25°45'11,282''S/48°31'09,656''W;25°45'09,126''S/48°31'09,656''W;25°45'09,126''S/48°31'08,504''W;25°45'07,445''S/48°31'08,504''W;25°45'07,445''S/48°31'07,828''W;25°45'05,688''S/48°31'07,828''W;25°45'05,688''S/48°31'07,176''W;25°45'04,309''S/48°31'07,176''W;25°45'04,309''S/48°31'06,146''W;25°45'02,340''S/48°31'06,146''W;25°45'02,340''S/48°31'05,192''W;25°45'00,007''S/48°31'05,192''W;25°45'00,007''S/48°31'04,062''W;25°44'57,412''S/48°31'04,062''W;25°44'57,412''S/48°31'03,274''W;25°44'55,568''S/48°31'03,274''W;25°44'55,568''S/48°31'02,294''W;25°44'53,347''S/48°31'02,294''W;25°44'53,347''S/48°31'01,315''W;25°44'51,428''S/48°31'01,315''W;25°44'51,428''S/48°30'59,850''W;25°44'48,685''S/48°30'59,850''W;25°44'48,685''S/48°30'59,058''W;25°44'46,165''S/48°30'59,058''W;25°44'46,165''S/48°30'58,043''W;25°44'43,681''S/48°30'58,043''W;25°44'43,681''S/48°30'57,215''W;25°44'41,197''S/48°30'57,215''W;25°44'41,197''S/48°30'55,674''W;25°44'38,904''S/48°30'55,674''W;25°44'38,904''S/48°30'54,547''W;25°44'37,097''S/48°30'54,547''W;25°44'37,097''S/48°30'53,305''W;25°44'35,254''S/48°30'53,305''W;25°44'35,254''S/48°30'52,477''W;25°44'33,299''S/48°30'52,477''W;25°44'33,299''S/48°30'51,498''W;25°44'31,607''S/48°30'51,498''W;25°44'31,607''S/48°30'50,483''W;25°44'30,476''S/48°30'50,483''W;25°44'30,476''S/48°30'49,619''W;25°44'27,506''S/48°30'49,619''W;25°44'27,506''S/48°30'48,395''W

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°30'48,715''W;25°44'25,512''S/48°30'48,715''W;25°44'25,512''S/48°30'47,506''W;25°44'23,774''S/48°30'47,505''W;25°44'23,774''S/48°30'44,514''W;25°44'27,197''S/48°30'44,514''W;25°44'27,197''S/48°30'45,698''W;25°44'29,483''S/48°30'45,698''W;25°44'29,483''S/48°30'46,969''W;25°44'31,427''S/48°30'46,969''W;25°44'31,427''S/48°30'47,815''W;25°44'33,544''S/48°30'47,815''W;25°44'33,544''S/48°30'48,661''W;25°44'35,405''S/48°30'48,661''W;25°44'35,405''S/48°30'49,507''W;25°44'37,183''S/48°30'49,507''W;25°44'37,183''S/48°30'50,184''W;25°44'38,875''S/48°30'50,184''W;25°44'38,875''S/48°30'50,947''W;25°44'40,654''S/48°30'50,947''W;25°44'40,654''S/48°30'51,793''W;25°44'42,263''S/48°30'51,793''W;25°44'42,263''S/48°30'52,639''W;25°44'44,038''S/48°30'52,639''W;25°44'44,038''S/48°30'53,572''W;25°44'45,985''S/48°30'53,572''W;25°44'45,985''S/48°30'54,587''W;25°44'48,271''S/48°30'54,587''W;25°44'48,271''S/48°30'55,602''W;25°44'50,302''S/48°30'55,602''W;25°44'50,302''S/48°30'56,365''W;25°44'52,080''S/48°30'56,365''W;25°44'52,080''S/48°30'57,125''W;25°44'54,193''S/48°30'57,125''W;25°44'54,193''S/48°30'57,802''W;25°44'56,396''S/48°30'57,802''W;25°44'56,396''S/48°30'58,986''W;25°44'58,340''S/48°30'58,986''W;25°44'58,340''S/48°31'00,174''W;25°45'00,626''S/48°31'00,174''W;25°45'00,626''S/48°31'01,020''W;25°45'01,811''S/48°31'01,020''W;25°45'01,811''S/48°31'02,118''W;25°45'03,928''S/48°31'02,118''W;25°45'03,928''S/48°31'03,220''W;25°45'05,789''S/48°31'03,220''W;25°45'05,789''S/48°31'04,490''W;25°45'07,736''S/48°31'04,490''W;25°45'07,736''S/48°31'05,506''W;25°45'09,598''S/48°31'05,506''W;25°45'09,598''S/48°31'06,352''W;25°45'11,714''S/48°31'06,352''W;25°45'11,714''S/48°31'07,450''W;25°45'14,170''S/48°31'07,450''W;25°45'14,170''S/48°31'08,551''W;25°45'16,114''S/48°31'08,551''W;25°45'16,114''S/48°31'09,566''W;25°45'18,317''S/48°31'09,566''W;25°45'18,317''S/48°31'10,412''W;25°45'20,178''S/48°31'10,412''W;25°45'20,178''S/48°31'11,428''W;25°45'22,295''S/48°31'11,428''W, em SIRGAS2000.

II - O titular deste Alvará de Pesquisa fica obrigado a efetuar o pagamento da taxa anual por hectare, conforme previsto no art. 4º, da Portaria MME nº 503, de 28 de dezembro de 1999, publicada no Diário Oficial da União de 29 de dezembro de 1999.

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III - O titular deste Alvará de Pesquisa é obrigado sob pena de sanções a iniciar os trabalhos, no prazo de 60 (sessenta) dias, conforme previsto no art. 29, do Código de Mineração.

IV - A autorização objeto deste alvará implicará no cumprimento pelo titular do Termo de Compromisso, anexado aos autos do processo, nos casos cabíveis.

V - Este título não dispensa, para realização das atividades minerárias, a obtenção pelo interessado das licenças, anuências, autorizações e permissões exigidas pela legislação ambiental aplicável.

VI - Este Alvará entra em vigor na data de sua publicação. (Processo nº 826.204/2021) - (Cód. 321)

JOTAVIO BORGES GOMES



3BE001E5-C79F4098-8288CB0F-3F0FC312

(Empenho 2018NE800015)

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AGÊNCIA NACIONAL DE MINERAÇÃO

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Ass. Dilva B. Medeiros

ALVARÁ N° 5223/2021, DE 21 DE JULHO DE 2021

O SUPERINTENDENTE DE PESQUISA E RECURSOS MINERAIS DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pela Resolução n° 31/2020 e com fundamento no art. 15, do Decreto-lei n° 227, de 28 de fevereiro de 1967, (Código de Mineração), e na Lei 13.575/2017 resolve:

I - Autorizar pelo prazo de 2 anos, VOTORANTIM CIMENTOS S.A., a pesquisar CALCÁRIO no(s) Município(s) de ADRIANÓPOLIS/PR, numa área de 26,03ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long): 24°42'28,407''S/48°59'39,102''W; 24°43'15,253''S/48°59'39,102''W; 24°43'15,253''S/48°59'41,110''W; 24°43'17,684''S/48°59'41,110''W; 24°43'17,684''S/48°59'41,124''W; 24°43'00,251''S/48°59'41,124''W; 24°43'00,251''S/48°59'55,459''W; 24°43'01,230''S/48°59'55,459''W; 24°43'01,230''S/48°59'55,468''W; 24°42'49,763''S/48°59'55,468''W; 24°42'49,763''S/48°59'48,957''W; 24°42'49,546''S/48°59'48,957''W; 24°42'49,546''S/48°59'45,916''W; 24°42'36,686''S/48°59'45,916''W; 24°42'36,686''S/48°59'47,599''W; 24°42'37,664''S/48°59'47,599''W; 24°42'37,664''S/48°59'48,957''W; 24°42'37,651''S/48°59'48,957''W; 24°42'37,651''S/48°59'47,606''W; 24°42'36,676''S/48°59'47,606''W; 24°42'36,676''S/48°59'43,336''W; 24°42'35,701''S/48°59'43,336''W; 24°42'35,701''S/48°59'39,778''W; 24°42'28,389''S/48°59'39,778''W; 24°42'28,389''S/48°59'38,533''W; 24°42'28,407''S/48°59'38,533''W; 24°42'28,407''S/48°59'39,102''W, em SIRGAS2000.

II - O titular deste Alvará de Pesquisa fica obrigado a efetuar o pagamento da taxa anual por hectare, conforme previsto no art. 4°, da Portaria MME n° 503, de 28 de dezembro de 1999, publicada no Diário Oficial da União de 29 de dezembro de 1999.

III - O titular deste Alvará de Pesquisa é obrigado sob pena de sanções a iniciar os trabalhos, no prazo de 60 (sessenta) dias, conforme previsto no art. 29, do Código de Mineração.

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IV - A autorização objeto deste alvará implicará no cumprimento pelo titular do Termo de Compromisso, anexado aos autos do processo, nos casos cabíveis.

V - Este título não dispensa, para realização das atividades minerárias, a obtenção pelo interessado das licenças, anuências, autorizações e permissões exigidas pela legislação ambiental aplicável.

VI - Este Alvará entra em vigor na data de sua publicação.
(Processo nº 826.134/2018) - (Cód. 322)

JOTAVIO BORGES GOMES



CDC07976-CC654D27-B47B2D5C-1EDE8917

(Empenho 2018NE800015)

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AGÊNCIA NACIONAL DE MINERAÇÃO

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ALVARÁ N° 5224/2021, DE 21 DE JULHO DE 2021

O SUPERINTENDENTE DE PESQUISA E RECURSOS MINERAIS DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pela Resolução n° 31/2020 e com fundamento no art. 15, do Decreto-lei n° 227, de 28 de fevereiro de 1967, (Código de Mineração), e na Lei 13.575/2017 resolve:

I - Autorizar pelo prazo de 2 anos, MINERADORA PORTO UNIAO LTDA, a pesquisar AREIA, ARGILA no(s) Município(s) de PORTO UNIÃO/SC, numa área de 38,81ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long): 26°14'04,147''S/50°56'06,711''W;26°14'12,235''S/50°56'06,712''W;26°14'12,236''S/50°55'54,101''W;26°14'15,485''S/50°55'54,102''W;26°14'15,485''S/50°55'43,292''W;26°14'21,984''S/50°55'43,293''W;26°14'21,984''S/50°55'32,483''W;26°14'27,186''S/50°55'32,484''W;26°14'27,184''S/50°56'04,986''W;26°14'15,742''S/50°56'04,986''W;26°14'15,742''S/50°56'08,594''W;26°14'09,248''S/50°56'08,594''W;26°14'09,248''S/50°56'24,735''W;26°14'04,991''S/50°56'24,734''W;26°14'04,146''S/50°56'21,627''W;26°14'04,147''S/50°56'06,711''W, em SIRGAS2000.

II - O titular deste Alvará de Pesquisa fica obrigado a efetuar o pagamento da taxa anual por hectare, conforme previsto no art. 4°, da Portaria MME n° 503, de 28 de dezembro de 1999, publicada no Diário Oficial da União de 29 de dezembro de 1999.

III - O titular deste Alvará de Pesquisa é obrigado sob pena de sanções a iniciar os trabalhos, no prazo de 60 (sessenta) dias, conforme previsto no art. 29, do Código de Mineração.

IV - A autorização objeto deste alvará implicará no cumprimento pelo titular do Termo de Compromisso, anexado aos autos do processo, nos casos cabíveis.

Transcrito no Livro B – 2670 Fls. 164

Em 16/08/2021

DIVISÃO DE GESTÃO DE TÍTULOS DE PESQUISA MINERAL – SRM



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 27/07/2021
Rel. 352/2021-SEDE-PR
Ass. Dilva B. Medeiros

V - Este título não dispensa, para realização das atividades minerárias, a obtenção pelo interessado das licenças, anuências, autorizações e permissões exigidas pela legislação ambiental aplicável.

VI - Este Alvará entra em vigor na data de sua publicação.
(Processo nº 826.013/2021) - (Cód. 322)

JOTAVIO BORGES GOMES



D12CCE9B-C2814582-AD7EFF22-B2C66091

(Empenho 2018NE800015)

Transcrito no Livro B – 2670 Fls. 165

Em 16/08/2021

DIVISÃO DE GESTÃO DE TÍTULOS DE PESQUISA MINERAL – SRM



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 27/07/2021
Rel. 352/2021-SEDE-PR
Ass. Dilva B. Medeiros

ALVARÁ N° 5225/2021, DE 21 DE JULHO DE 2021

O SUPERINTENDENTE DE PESQUISA E RECURSOS MINERAIS DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pela Resolução n° 31/2020 e com fundamento no art. 15, do Decreto-lei n° 227, de 28 de fevereiro de 1967, (Código de Mineração), e na Lei 13.575/2017 resolve:

I - Autorizar pelo prazo de 2 anos, G.S. EXTRAÇÃO E COMÉRCIO DE AREIA LTDA EPP, a pesquisar BASALTO no(s) Município(s) de IRATI/PR, numa área de 47,53ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long): 25°31'31,547''S/50°37'53,190''W; 25°31'42,668''S/50°37'53,190''W; 25°31'42,667''S/50°37'59,162''W; 25°31'42,668''S/50°38'27,815''W; 25°31'42,668''S/50°38'42,937''W; 25°31'31,547''S/50°38'42,937''W; 25°31'31,547''S/50°37'53,190''W, em SIRGAS2000.

II - O titular deste Alvará de Pesquisa fica obrigado a efetuar o pagamento da taxa anual por hectare, conforme previsto no art. 4°, da Portaria MME n° 503, de 28 de dezembro de 1999, publicada no Diário Oficial da União de 29 de dezembro de 1999.

III - O titular deste Alvará de Pesquisa é obrigado sob pena de sanções a iniciar os trabalhos, no prazo de 60 (sessenta) dias, conforme previsto no art. 29, do Código de Mineração.

IV - A autorização objeto deste alvará implicará no cumprimento pelo titular do Termo de Compromisso, anexado aos autos do processo, nos casos cabíveis.

V - Este título não dispensa, para realização das atividades minerárias, a obtenção pelo interessado das licenças, anuências, autorizações e permissões exigidas pela legislação ambiental aplicável.

VI - Este Alvará entra em vigor na data de sua publicação.

Transcrito no Livro B – 2670 Fls. 166

Em 16/08/2021

DIVISÃO DE GESTÃO DE TÍTULOS DE PESQUISA MINERAL – SRM



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 27/07/2021
Rel. 352/2021-SEDE-PR
Ass. Dilva B. Medeiros

(Processo nº 826.014/2021) - (Cód. 322)

JOTAVIO BORGES GOMES



4A1E78E6-54784504-BE1F16FA-0578342B

(Empenho 2018NE800015)

Transcrito no Livro B – 2670 Fls. 167

Em 16/08/2021

DIVISÃO DE GESTÃO DE TÍTULOS DE PESQUISA MINERAL – SRM



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 27/07/2021
Rel. 352/2021-SEDE-PR
Ass. Dilva B. Medeiros

ALVARÁ N° 5226/2021, DE 21 DE JULHO DE 2021

O SUPERINTENDENTE DE PESQUISA E RECURSOS MINERAIS DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pela Resolução n° 31/2020 e com fundamento no art. 15, do Decreto-lei n° 227, de 28 de fevereiro de 1967, (Código de Mineração), e na Lei 13.575/2017 resolve:

I - Autorizar pelo prazo de 2 anos, CARLOS FERNANDO RODRIGUES DA PAZ, a pesquisar MÁRMORE no(s) Município(s) de CASTRO/PR, numa área de 31,33ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long): 24°49'08,896''S/49°42'11,409''W; 24°49'15,788''S/49°42'11,409''W; 24°49'15,788''S/49°42'13,184''W; 24°49'24,113''S/49°42'13,185''W; 24°49'24,113''S/49°42'20,919''W; 24°49'19,602''S/49°42'20,919''W; 24°49'19,602''S/49°42'35,829''W; 24°49'16,055''S/49°42'35,829''W; 24°49'16,055''S/49°42'37,885''W; 24°49'12,585''S/49°42'37,885''W; 24°49'12,585''S/49°42'38,855''W; 24°49'10,033''S/49°42'38,855''W; 24°49'10,033''S/49°42'48,957''W; 24°49'12,109''S/49°42'48,957''W; 24°49'12,109''S/49°42'49,270''W; 24°49'07,304''S/49°42'49,270''W; 24°49'07,304''S/49°42'32,733''W; 24°49'05,953''S/49°42'32,733''W; 24°49'05,953''S/49°42'27,318''W; 24°49'08,895''S/49°42'27,318''W; 24°49'08,896''S/49°42'11,409''W, em SIRGAS2000.

II - O titular deste Alvará de Pesquisa fica obrigado a efetuar o pagamento da taxa anual por hectare, conforme previsto no art. 4°, da Portaria MME n° 503, de 28 de dezembro de 1999, publicada no Diário Oficial da União de 29 de dezembro de 1999.

III - O titular deste Alvará de Pesquisa é obrigado sob pena de sanções a iniciar os trabalhos, no prazo de 60 (sessenta) dias, conforme previsto no art. 29, do Código de Mineração.

Transcrito no Livro B – 2670 Fls. 168

Em 16/08/2021

DIVISÃO DE GESTÃO DE TÍTULOS DE PESQUISA MINERAL – SRM



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 27/07/2021
Rel. 352/2021-SEDE-PR
Ass. Dilva B. Medeiros

IV - A autorização objeto deste alvará implicará no cumprimento pelo titular do Termo de Compromisso, anexado aos autos do processo, nos casos cabíveis.

V - Este título não dispensa, para realização das atividades minerárias, a obtenção pelo interessado das licenças, anuências, autorizações e permissões exigidas pela legislação ambiental aplicável.

VI - Este Alvará entra em vigor na data de sua publicação.
(Processo nº 826.016/2021) - (Cód. 322)

JOTAVIO BORGES GOMES



CE652DD6-3B4D4EA7-995B5B59-C5A10E36

(Empenho 2018NE800015)

Transcrito no Livro B – 2670 Fls. 169

Em 16/08/2021

DIVISÃO DE GESTÃO DE TÍTULOS DE PESQUISA MINERAL – SRM



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 27/07/2021
Rel. 352/2021-SEDE-PR
Ass. Dilva B. Medeiros

ALVARÁ N° 5227/2021, DE 21 DE JULHO DE 2021

O SUPERINTENDENTE DE PESQUISA E RECURSOS MINERAIS DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pela Resolução n° 31/2020 e com fundamento no art. 15, do Decreto-lei n° 227, de 28 de fevereiro de 1967, (Código de Mineração), e na Lei 13.575/2017 resolve:

I - Autorizar pelo prazo de 2 anos, EMPRESA BRASILEIRA DE AGREGADOS MINERAIS S/A, a pesquisar BASALTO no(s) Município(s) de ROLÂNDIA/PR, numa área de 42,36ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long): 23°13'45,745''S/51°22'11,867''W; 23°13'39,883''S/51°22'11,867''W; 23°13'39,883''S/51°21'56,033''W; 23°13'51,952''S/51°21'56,033''W; 23°13'51,952''S/51°21'50,401''W; 23°14'06,599''S/51°21'50,401''W; 23°14'06,599''S/51°21'46,429''W; 23°14'14,087''S/51°21'46,429''W; 23°14'14,087''S/51°21'56,098''W; 23°14'08,113''S/51°21'56,098''W; 23°14'08,113''S/51°22'04,879''W; 23°13'56,809''S/51°22'04,879''W; 23°13'56,809''S/51°22'08,395''W; 23°13'45,745''S/51°22'08,395''W; 23°13'45,745''S/51°22'11,867''W, em SIRGAS2000.

II - O titular deste Alvará de Pesquisa fica obrigado a efetuar o pagamento da taxa anual por hectare, conforme previsto no art. 4°, da Portaria MME n° 503, de 28 de dezembro de 1999, publicada no Diário Oficial da União de 29 de dezembro de 1999.

III - O titular deste Alvará de Pesquisa é obrigado sob pena de sanções a iniciar os trabalhos, no prazo de 60 (sessenta) dias, conforme previsto no art. 29, do Código de Mineração.

IV - A autorização objeto deste alvará implicará no cumprimento pelo titular do Termo de Compromisso, anexado aos autos do processo, nos casos cabíveis.

Transcrito no Livro B – 2670 Fls. 170

Em 16/08/2021

DIVISÃO DE GESTÃO DE TÍTULOS DE PESQUISA MINERAL – SRM



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 27/07/2021
Rel. 352/2021-SEDE-PR
Ass. Dilva B. Medeiros

V - Este título não dispensa, para realização das atividades minerárias, a obtenção pelo interessado das licenças, anuências, autorizações e permissões exigidas pela legislação ambiental aplicável.

VI - Este Alvará entra em vigor na data de sua publicação.
(Processo nº 826.018/2021) - (Cód. 322)

JOTAVIO BORGES GOMES



4D2D6970-C3434B7A-A347BC78-9DF7B9F3

(Empenho 2018NE800015)

Transcrito no Livro B – 2670 Fls. 171

Em 16/08/2021

DIVISÃO DE GESTÃO DE TÍTULOS DE PESQUISA MINERAL – SRM



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 27/07/2021
Rel. 352/2021-SEDE-PR
Ass. Dilva B. Medeiros

ALVARÁ N° 5228/2021, DE 21 DE JULHO DE 2021

O SUPERINTENDENTE DE PESQUISA E RECURSOS MINERAIS DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pela Resolução n° 31/2020 e com fundamento no art. 15, do Decreto-lei n° 227, de 28 de fevereiro de 1967, (Código de Mineração), e na Lei 13.575/2017 resolve:

I - Autorizar pelo prazo de 2 anos, CRISTIANE BAGGIO, a pesquisar AREIA, CASCALHO, ARGILA no(s) Município(s) de MIRADOR/PR, PARAÍSO DO NORTE/PR, numa área de 49,48ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long):

23°17'32,890''S/52°44'42,450''W;23°17'32,890''S/52°44'57,030''W;23°17'08,970''S/52°44'57,030''W;23°17'08,970''S/52°44'48,780''W;23°17'05,490''S/52°44'48,780''W;23°17'05,490''S/52°44'43,340''W;23°17'01,750''S/52°44'43,340''W;23°17'01,750''S/52°44'40,430''W;23°16'59,850''S/52°44'40,430''W;23°16'59,850''S/52°44'37,990''W;23°16'57,790''S/52°44'37,990''W;23°16'57,790''S/52°44'34,110''W;23°16'55,290''S/52°44'34,110''W;23°16'55,290''S/52°44'23,700''W;23°16'59,320''S/52°44'23,700''W;23°16'59,320''S/52°44'26,130''W;23°17'01,140''S/52°44'26,130''W;23°17'01,140''S/52°44'29,470''W;23°17'01,830''S/52°44'29,470''W;23°17'01,830''S/52°44'31,790''W;23°17'02,510''S/52°44'31,790''W;23°17'02,510''S/52°44'33,310''W;23°17'03,530''S/52°44'33,310''W;23°17'03,530''S/52°44'34,050''W;23°17'08,080''S/52°44'34,050''W;23°17'08,080''S/52°44'35,270''W;23°17'12,150''S/52°44'35,270''W;23°17'12,150''S/52°44'37,940''W;23°17'15,400''S/52°44'37,940''W;23°17'15,400''S/52°44'39,950''W;23°17'20,550''S/52°44'39,950''W;23°17'20,550''S/52°44'42,450''W;23°17'32,890''S/52°44'42,450''W, em SIRGAS2000.

II - O titular deste Alvará de Pesquisa fica obrigado a efetuar o pagamento da taxa anual por hectare, conforme previsto no art. 4°, da Portaria MME n° 503, de 28 de dezembro de 1999, publicada no Diário Oficial da União de 29 de dezembro de 1999.

Transcrito no Livro B – 2670 Fls. 172

Em 16/08/2021

DIVISÃO DE GESTÃO DE TÍTULOS DE PESQUISA MINERAL – SRM



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 27/07/2021
Rel. 352/2021-SEDE-PR
Ass. Dilva B. Medeiros

III - O titular deste Alvará de Pesquisa é obrigado sob pena de sanções a iniciar os trabalhos, no prazo de 60 (sessenta) dias, conforme previsto no art. 29, do Código de Mineração.

IV - A autorização objeto deste alvará implicará no cumprimento pelo titular do Termo de Compromisso, anexado aos autos do processo, nos casos cabíveis.

V - Este título não dispensa, para realização das atividades minerárias, a obtenção pelo interessado das licenças, anuências, autorizações e permissões exigidas pela legislação ambiental aplicável.

VI - Este Alvará entra em vigor na data de sua publicação. (Processo nº 826.180/2021) - (Cód. 322)

JOTAVIO BORGES GOMES



0110401A-121A4C6D-84C4210B-C3FD085C

(Empenho 2018NE800015)

Transcrito no Livro B – 2670 Fls. 173

Em 16/08/2021

DIVISÃO DE GESTÃO DE TÍTULOS DE PESQUISA MINERAL – SRM



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 27/07/2021
Rel. 352/2021-SEDE-PR
Ass. Dilva B. Medeiros

ALVARÁ N° 5229/2021, DE 21 DE JULHO DE 2021

O SUPERINTENDENTE DE PESQUISA E RECURSOS MINERAIS DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pela Resolução n° 31/2020 e com fundamento no art. 15, do Decreto-lei n° 227, de 28 de fevereiro de 1967, (Código de Mineração), e na Lei 13.575/2017 resolve:

I - Autorizar pelo prazo de 2 anos, D. MANTOVANELI MINERAÇÃO ME, a pesquisar AREIA no(s) Município(s) de CIANORTE/PR, TAPEJARA/PR, TUNEIRAS DO OESTE/PR, numa área de 46,93ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos 23°41'15,012''S/52°44'20,911''W;23°41'15,569''S/52°44'20,911''W;23°41'15,569''S/52°44'21,436''W;23°41'16,372''S/52°44'21,436''W;23°41'16,372''S/52°44'21,800''W;23°41'16,661''S/52°44'21,800''W;23°41'16,661''S/52°44'27,111''W;23°41'17,293''S/52°44'27,111''W;23°41'17,293''S/52°44'27,550''W;23°41'17,593''S/52°44'27,550''W;23°41'17,593''S/52°44'28,000''W;23°41'17,860''S/52°44'28,000''W;23°41'17,860''S/52°44'28,407''W;23°41'18,064''S/52°44'28,407''W;23°41'18,064''S/52°44'28,931''W;23°41'18,396''S/52°44'28,931''W;23°41'18,396''S/52°44'29,509''W;23°41'18,803''S/52°44'29,509''W;23°41'18,803''S/52°44'30,077''W;23°41'20,036''S/52°44'30,077''W;23°41'20,036''S/52°44'31,039''W;23°41'24,566''S/52°44'31,039''W;23°41'26,651''S/52°44'31,039''W;23°41'26,651''S/52°44'32,368''W;23°41'26,833''S/52°44'32,368''W;23°41'26,833''S/52°44'32,807''W;23°41'27,026''S/52°44'32,807''W;23°41'27,026''S/52°44'33,150''W;23°41'27,422''S/52°44'33,150''W;23°41'27,422''S/52°44'33,461''W;23°41'27,701''S/52°44'33,461''W;23°41'27,701''S/52°44'33,600''W;23°41'27,979''S/52°44'33,600''W;23°41'27,979''S/52°44'33,867''W;23°41'28,257''S/52°44'33,867''W;23°41'28,257''S/52°44'34,274''W;23°41'28,696''S/52°44'34,274''W;23°41'28,696''S/52°44'34,531''W;23°41'28,911''S/52°44'34,531''W;23°41'28,911''S/52°44'34,852''W;23°41'29,243''S/52°44'34,852''W;23°41'29,243''S/52°44'35,163''W;23°41'29,414''S/52°44'35,163''W;23°41'29,414''S/52°44'38,472''W;23°41'29,671''S/52°44'38,472''W;23°41'29,671''S/52°44'38,675''W;23°41'29,874''S/52°44'38,675''W;23°41'29,874''S/52°44'39,071''W;23°41'30,153''S/52°44'39,071''W;23°41'30,153''S/52°44'39,071''W

Transcrito no Livro B – 2670 Fls. 174

Em 16/08/2021

DIVISÃO DE GESTÃO DE TÍTULOS DE PESQUISA MINERAL – SRM



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO

DOU 27/07/2021

Rel. 352/2021-SEDE-PR

Ass. Dilva B. Medeiros

°44'39,382''W;23°41'30,431''S/52°44'39,382''W;23°41'30,431''S
/52°44'39,639''W;23°41'30,731''S/52°44'39,639''W;23°41'30,731
''S/52°44'39,971''W;23°41'31,020''S/52°44'39,971''W;23°41'31,
020''S/52°44'40,345''W;23°41'31,288''S/52°44'40,345''W;23°41'
31,288''S/52°44'40,635''W;23°41'31,480''S/52°44'40,635''W;23°
41'31,480''S/52°44'41,031''W;23°41'31,695''S/52°44'41,031''W;
23°41'31,695''S/52°44'41,448''W;23°41'31,984''S/52°44'41,448''
W;23°41'31,984''S/52°44'41,952''W;23°41'32,230''S/52°44'41,9
52''W;23°41'32,230''S/52°44'42,455''W;23°41'32,573''S/52°44'4
2,455''W;23°41'32,573''S/52°44'42,883''W;23°41'32,840''S/52°4
4'42,883''W;23°41'32,840''S/52°44'43,440''W;23°41'33,119''S/5
2°44'43,440''W;23°41'33,119''S/52°44'43,858''W;23°41'33,311''
S/52°44'43,858''W;23°41'33,311''S/52°44'44,222''W;23°41'33,65
4''S/52°44'44,222''W;23°41'33,654''S/52°44'44,736''W;23°41'33
,868''S/52°44'44,736''W;23°41'33,868''S/52°44'45,025''W;23°41
'34,382''S/52°44'45,025''W;23°41'34,382''S/52°44'46,920''W;23
°41'33,686''S/52°44'46,920''W;23°41'33,686''S/52°44'47,230''W
;23°41'33,472''S/52°44'47,230''W;23°41'33,472''S/52°44'47,477
''W;23°41'33,258''S/52°44'47,477''W;23°41'33,258''S/52°44'47,
734''W;23°41'32,894''S/52°44'47,734''W;23°41'32,894''S/52°44'
48,173''W;23°41'32,626''S/52°44'48,173''W;23°41'32,626''S/52°
44'48,569''W;23°41'32,294''S/52°44'48,569''W;23°41'32,294''S/
52°44'49,169''W;23°41'32,540''S/52°44'49,169''W;23°41'32,540''
S/52°44'49,586''W;23°41'32,926''S/52°44'49,586''W;23°41'32,9
26''S/52°44'49,907''W;23°41'33,204''S/52°44'49,907''W;23°41'3
3,204''S/52°44'50,250''W;23°41'33,451''S/52°44'50,250''W;23°4
1'33,451''S/52°44'50,571''W;23°41'33,932''S/52°44'50,571''W;2
3°41'33,932''S/52°44'55,518''W;23°41'34,264''S/52°44'55,518''
W;23°41'34,264''S/52°44'55,936''W;23°41'34,628''S/52°44'55,93
6''W;23°41'34,628''S/52°44'56,803''W;23°41'35,014''S/52°44'56
,803''W;23°41'35,014''S/52°44'57,488''W;23°41'35,357''S/52°44
'57,488''W;23°41'35,357''S/52°44'57,660''W;23°41'35,785''S/52
°44'57,660''W;23°41'35,785''S/52°44'58,088''W;23°41'36,053''S
/52°44'58,088''W;23°41'36,053''S/52°44'58,334''W;23°41'36,320
''S/52°44'58,334''W;23°41'36,320''S/52°44'58,613''W;23°41'36,
481''S/52°44'58,613''W;23°41'36,481''S/52°45'01,161''W;23°41'
36,277''S/52°45'01,161''W;23°41'36,277''S/52°45'01,664''W;23°
41'36,053''S/52°45'01,664''W;23°41'36,053''S/52°45'02,285''W;
23°41'35,817''S/52°45'02,285''W;23°41'35,817''S/52°45'03,270''
W;23°41'36,031''S/52°45'03,270''W;23°41'36,031''S/52°45'04,2

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Ass. Dilva B. Medeiros

77'W;23°41'36,385''S/52°45'04,277''W;23°41'36,385''S/52°45'05,883''W;23°41'36,213''S/52°45'05,883''W;23°41'36,213''S/52°45'06,215''W;23°41'35,913''S/52°45'06,215''W;23°41'35,913''S/52°45'06,643''W;23°41'35,453''S/52°45'06,643''W;23°41'35,453''S/52°45'07,468''W;23°41'35,571''S/52°45'07,468''W;23°41'35,571''S/52°45'09,085''W;23°41'35,742''S/52°45'09,085''W;23°41'35,742''S/52°45'09,834''W;23°41'36,020''S/52°45'09,834''W;23°41'36,020''S/52°45'11,044''W;23°41'35,892''S/52°45'11,044''W;23°41'35,892''S/52°45'11,462''W;23°41'35,763''S/52°45'11,462''W;23°41'35,763''S/52°45'11,815''W;23°41'35,635''S/52°45'11,815''W;23°41'35,635''S/52°45'12,201''W;23°41'35,485''S/52°45'12,201''W;23°41'35,485''S/52°45'12,747''W;23°41'35,271''S/52°45'12,747''W;23°41'35,271''S/52°45'13,046''W;23°41'35,121''S/52°45'13,046''W;23°41'35,121''S/52°45'13,357''W;23°41'34,821''S/52°45'13,357''W;23°41'34,821''S/52°45'13,603''W;23°41'34,596''S/52°45'13,603''W;23°41'34,596''S/52°45'13,914''W;23°41'34,425''S/52°45'13,914''W;23°41'34,425''S/52°45'14,246''W;23°41'34,264''S/52°45'14,246''W;23°41'34,264''S/52°45'14,663''W;23°41'34,072''S/52°45'14,663''W;23°41'34,072''S/52°45'15,980''W;23°41'34,297''S/52°45'15,980''W;23°41'34,297''S/52°45'16,869''W;23°41'34,800''S/52°45'16,869''W;23°41'34,800''S/52°45'17,083''W;23°41'34,918''S/52°45'17,083''W;23°41'34,918''S/52°45'17,458''W;23°41'35,046''S/52°45'17,458''W;23°41'35,046''S/52°45'17,886''W;23°41'35,217''S/52°45'17,886''W;23°41'35,217''S/52°45'18,304''W;23°41'35,410''S/52°45'18,304''W;23°41'35,410''S/52°45'18,807''W;23°41'35,571''S/52°45'18,807''W;23°41'35,571''S/52°45'19,182''W;23°41'35,731''S/52°45'19,182''W;23°41'35,731''S/52°45'19,642''W;23°41'35,913''S/52°45'19,642''W;23°41'35,913''S/52°45'20,071''W;23°41'36,085''S/52°45'20,071''W;23°41'36,085''S/52°45'20,520''W;23°41'36,256''S/52°45'20,520''W;23°41'36,256''S/52°45'21,120''W;23°41'36,385''S/52°45'21,120''W;23°41'36,385''S/52°45'21,762''W;23°41'36,545''S/52°45'21,762''W;23°41'36,545''S/52°45'24,439''W;23°41'36,781''S/52°45'24,439''W;23°41'36,781''S/52°45'25,992''W;23°41'37,145''S/52°45'25,992''W;23°41'37,145''S/52°45'26,206''W;23°41'37,509''S/52°45'26,206''W;23°41'37,509''S/52°45'26,409''W;23°41'38,194''S/52°45'26,409''W;23°41'38,194''S/52°45'26,688''W;23°41'38,837''S/52°45'26,688''W;23°41'38,837''S/52°45'26,913''W;23°41'39,104''S/52°45'26,913''W;23°41'39,104''S/52°45'27,266''W;23°41'39,640''S/52°45'27,266''W;23°41'39,640''S/52°45'27,652''W;23

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°41'40,250''S/52°45'27,652''W;23°41'40,250''S/52°45'30,703''W
;23°41'40,443''S/52°45'30,703''W;23°41'40,443''S/52°45'31,164''W;
23°41'40,753''S/52°45'31,164''W;23°41'40,753''S/52°45'31,656''W;
23°41'40,914''S/52°45'31,656''W;23°41'40,914''S/52°45'32,117''W;
23°41'41,235''S/52°45'32,117''W;23°41'41,235''S/52°45'32,491''W;
23°41'41,449''S/52°45'32,491''W;23°41'41,449''S/52°45'32,952''W;
23°41'41,621''S/52°45'32,952''W;23°41'41,621''S/52°45'33,348''W;
23°41'41,835''S/52°45'33,348''W;23°41'41,835''S/52°45'33,798''W;
23°41'42,038''S/52°45'33,798''W;23°41'42,038''S/52°45'34,194''W;
23°41'42,295''S/52°45'34,194''W;23°41'42,295''S/52°45'34,601''W;
23°41'42,841''S/52°45'34,601''W;23°41'42,841''S/52°45'34,815''W;
23°41'44,447''S/52°45'34,815''W;23°41'44,447''S/52°45'35,050''W;
23°41'45,497''S/52°45'35,050''W;23°41'45,722''S/52°45'35,468''W;
23°41'45,861''S/52°45'35,468''W;23°41'45,861''S/52°45'35,811''W;
23°41'46,000''S/52°45'35,811''W;23°41'46,000''S/52°45'36,207''W;
23°41'46,353''S/52°45'36,207''W;23°41'46,353''S/52°45'36,421''W;
23°41'46,696''S/52°45'36,421''W;23°41'46,696''S/52°45'36,571''W;
23°41'47,081''S/52°45'36,571''W;23°41'47,081''S/52°45'36,796''W;
23°41'47,692''S/52°45'36,796''W;23°41'47,692''S/52°45'36,657''W;
23°41'47,949''S/52°45'36,657''W;23°41'47,949''S/52°45'36,421''W;
23°41'48,323''S/52°45'36,421''W;23°41'48,323''S/52°45'36,218''W;
23°41'48,538''S/52°45'36,218''W;23°41'48,538''S/52°45'36,068''W;
23°41'48,805''S/52°45'36,068''W;23°41'48,805''S/52°45'35,875''W;
23°41'49,223''S/52°45'35,875''W;23°41'49,223''S/52°45'35,661''W;
23°41'49,533''S/52°45'35,661''W;23°41'49,533''S/52°45'35,457''W;
23°41'50,808''S/52°45'35,457''W;23°41'50,808''S/52°45'36,389''W;
23°41'50,411''S/52°45'36,389''W;23°41'50,411''S/52°45'36,785''W;
23°41'49,951''S/52°45'36,785''W;23°41'49,951''S/52°45'37,064''W;
23°41'49,533''S/52°45'37,064''W;23°41'49,533''S/52°45'37,406''W;
23°41'49,244''S/52°45'37,406''W;23°41'49,244''S/52°45'37,813''W;
23°41'48,891''S/52°45'37,813''W;23°41'48,891''S/52°45'38,359''W;
23°41'48,623''S/52°45'38,359''W;23°41'48,623''S/52°45'39,002''W;
23°41'48,302''S/52°45'39,002''W;23°41'48,302''S/52°45'39,751''W;
23°41'47,756''S/52°45'39,751''W;23°41'47,756''S/52°45'41,100''W;
23°41'47,970''S/52°45'41,100''W;23°41'47,970''S/52°45'41,518''W;
23°41'48,216''S/52°45'41,518''W;23°41'48,216''S/52°45'42,171''W;
23°41'48,409''S/52°45'42,171''W;23°41'48,409''S/52°45'42,728''W;
23°41'48,773''S/52°45'42,728''W;23°41'48,7

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73°S/52°45'43,188''W;23°41'48,987''S/52°45'43,188''W;23°41'48,987''S/52°45'43,595''W;23°41'49,223''S/52°45'43,595''W;23°41'49,223''S/52°45'43,927''W;23°41'52,371''S/52°45'43,927''W;23°41'52,371''S/52°45'44,955''W;23°41'49,287''S/52°45'44,955''W;23°41'49,287''S/52°45'45,266''W;23°41'49,127''S/52°45'45,266''W;23°41'49,127''S/52°45'45,533''W;23°41'48,902''S/52°45'45,533''W;23°41'48,902''S/52°45'46,122''W;23°41'48,677''S/52°45'46,122''W;23°41'48,677''S/52°45'47,171''W;23°41'48,902''S/52°45'47,171''W;23°41'48,902''S/52°45'47,664''W;23°41'49,062''S/52°45'47,664''W;23°41'49,062''S/52°45'48,210''W;23°41'49,351''S/52°45'48,210''W;23°41'49,351''S/52°45'48,863''W;23°41'49,705''S/52°45'48,863''W;23°41'49,705''S/52°45'49,152''W;23°41'50,058''S/52°45'49,152''W;23°41'50,058''S/52°45'49,334''W;23°41'50,304''S/52°45'49,334''W;23°41'50,304''S/52°45'49,602''W;23°41'50,679''S/52°45'49,602''W;23°41'50,679''S/52°45'49,955''W;23°41'51,107''S/52°45'49,955''W;23°41'51,107''S/52°45'50,223''W;23°41'51,418''S/52°45'50,223''W;23°41'51,418''S/52°45'50,598''W;23°41'51,857''S/52°45'50,598''W;23°41'51,857''S/52°45'50,887''W;23°41'52,221''S/52°45'50,887''W;23°41'52,221''S/52°45'51,347''W;23°41'52,746''S/52°45'51,347''W;23°41'52,746''S/52°45'51,626''W;23°41'53,228''S/52°45'51,626''W;23°41'53,228''S/52°45'52,322''W;23°41'53,741''S/52°45'52,322''W;23°41'53,741''S/52°45'53,585''W;23°41'54,191''S/52°45'53,585''W;23°41'54,191''S/52°45'55,834''W;23°41'54,545''S/52°45'55,834''W;23°41'54,545''S/52°45'56,144''W;23°41'54,909''S/52°45'56,144''W;23°41'54,909''S/52°45'56,391''W;23°41'55,390''S/52°45'56,391''W;23°41'55,390''S/52°45'56,712''W;23°41'55,808''S/52°45'56,712''W;23°41'55,808''S/52°45'56,958''W;23°41'56,076''S/52°45'56,958''W;23°41'56,076''S/52°45'58,382''W;23°41'55,808''S/52°45'58,382''W;23°41'55,808''S/52°45'58,778''W;23°41'55,091''S/52°45'58,778''W;23°41'55,091''S/52°45'59,089''W;23°41'54,791''S/52°45'59,089''W;23°41'54,791''S/52°45'59,678''W;23°41'54,459''S/52°45'59,678''W;23°41'54,459''S/52°45'59,978''W;23°41'54,084''S/52°45'59,978''W;23°41'54,084''S/52°46'00,395''W;23°41'53,763''S/52°46'00,395''W;23°41'53,763''S/52°46'00,642''W;23°41'53,270''S/52°46'00,642''W;23°41'53,270''S/52°46'01,830''W;23°41'53,099''S/52°46'01,830''W;23°41'53,099''S/52°46'03,061''W;23°41'53,270''S/52°46'03,061''W;23°41'53,270''S/52°46'04,089''W;23°41'53,388''S/52°46'04,089''W;23°41'53,388''S/52°46'05,460''W;23°41'53,709''S/52°46'05,460''W;23°41'53,709''S/52

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°46'06,499''W;23°41'54,041''S/52°46'06,499''W;23°41'54,041''S
/52°46'07,398''W;23°41'54,341''S/52°46'07,398''W;23°41'54,341
''S/52°46'07,676''W;23°41'54,641''S/52°46'07,676''W;23°41'54,
641''S/52°46'07,923''W;23°41'54,962''S/52°46'07,923''W;23°41'
54,962''S/52°46'08,201''W;23°41'55,198''S/52°46'08,201''W;23°
41'55,198''S/52°46'08,694''W;23°41'55,444''S/52°46'08,694''W;
23°41'55,444''S/52°46'09,208''W;23°41'55,669''S/52°46'09,208'
''W;23°41'55,669''S/52°46'09,850''W;23°41'55,787''S/52°46'09,8
50''W;23°41'55,787''S/52°46'13,105''W;23°41'56,086''S/52°46'1
3,105''W;23°41'56,086''S/52°46'13,544''W;23°41'56,879''S/52°4
6'13,544''W;23°41'56,879''S/52°46'13,683''W;23°41'57,286''S/5
2°46'13,683''W;23°41'57,286''S/52°46'13,833''W;23°41'57,757''
S/52°46'13,833''W;23°41'57,757''S/52°46'14,026''W;23°41'58,31
4''S/52°46'14,026''W;23°41'58,314''S/52°46'14,176''W;23°41'58
,870''S/52°46'14,176''W;23°41'58,870''S/52°46'14,401''W;23°41
'59,416''S/52°46'14,401''W;23°41'59,416''S/52°46'14,476''W;23
°42'00,091''S/52°46'14,476''W;23°42'00,091''S/52°46'14,262''W
;23°42'00,316''S/52°46'14,262''W;23°42'00,316''S/52°46'13,983
''W;23°42'00,530''S/52°46'13,983''W;23°42'00,530''S/52°46'13,
748''W;23°42'00,808''S/52°46'13,748''W;23°42'00,808''S/52°46'
13,405''W;23°42'01,108''S/52°46'13,405''W;23°42'01,108''S/52°
46'13,030''W;23°42'01,419''S/52°46'13,030''W;23°42'01,419''S/
52°46'12,741''W;23°42'01,590''S/52°46'12,741''W;23°42'01,590'
''S/52°46'12,559''W;23°42'01,783''S/52°46'12,559''W;23°42'01,7
83''S/52°46'12,206''W;23°42'03,057''S/52°46'12,206''W;23°42'0
3,057''S/52°46'12,441''W;23°42'05,117''S/52°46'12,441''W;23°4
2'05,117''S/52°46'17,914''W;23°42'05,343''S/52°46'17,914''W;2
3°42'05,343''S/52°46'18,133''W;23°42'05,453''S/52°46'18,133''
W;23°42'05,453''S/52°46'18,345''W;23°42'05,638''S/52°46'18,34
5''W;23°42'05,638''S/52°46'18,647''W;23°42'05,768''S/52°46'18
,647''W;23°42'05,768''S/52°46'18,894''W;23°42'05,919''S/52°46
'18,894''W;23°42'05,919''S/52°46'19,072''W;23°42'06,042''S/52
°46'19,072''W;23°42'06,042''S/52°46'19,408''W;23°42'06,248''S
/52°46'19,408''W;23°42'06,248''S/52°46'19,661''W;23°42'06,440
''S/52°46'19,661''W;23°42'06,440''S/52°46'19,915''W;23°42'06,
563''S/52°46'19,915''W;23°42'06,563''S/52°46'20,895''W;23°42'
06,830''S/52°46'20,895''W;23°42'06,830''S/52°46'21,916''W;23°
42'07,057''S/52°46'21,916''W;23°42'07,057''S/52°46'22,135''W;
23°42'07,269''S/52°46'22,135''W;23°42'07,269''S/52°46'22,402'
''W;23°42'07,488''S/52°46'22,402''W;23°42'07,488''S/52°46'22,6

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Ass. Dilva B. Medeiros

83'W;23°42'07,639'S/52°46'22,683'W;23°42'07,639'S/52°46'23,033'W;23°42'07,879'S/52°46'23,033'W;23°42'07,879'S/52°46'23,300'W;23°42'08,037'S/52°46'23,300'W;23°42'08,037'S/52°46'23,588'W;23°42'08,222'S/52°46'23,588'W;23°42'08,222'S/52°46'24,061'W;23°42'08,427'S/52°46'24,061'W;23°42'08,427'S/52°46'24,383'W;23°42'08,646'S/52°46'24,383'W;23°42'08,646'S/52°46'24,746'W;23°42'08,845'S/52°46'24,746'W;23°42'08,845'S/52°46'24,952'W;23°42'09,181'S/52°46'24,952'W;23°42'09,181'S/52°46'25,068'W;23°42'09,387'S/52°46'25,068'W;23°42'09,387'S/52°46'25,226'W;23°42'09,722'S/52°46'25,226'W;23°42'09,722'S/52°46'25,383'W;23°42'09,928'S/52°46'25,383'W;23°42'09,928'S/52°46'25,500'W;23°42'10,086'S/52°46'25,500'W;23°42'10,086'S/52°46'26,240'W;23°42'10,435'S/52°46'26,240'W;23°42'10,435'S/52°46'26,295'W;23°42'10,702'S/52°46'26,295'W;23°42'10,702'S/52°46'26,356'W;23°42'10,997'S/52°46'26,356'W;23°42'10,997'S/52°46'26,425'W;23°42'11,490'S/52°46'26,425'W;23°42'11,490'S/52°46'26,500'W;23°42'11,819'S/52°46'26,500'W;23°42'11,819'S/52°46'26,583'W;23°42'12,203'S/52°46'26,583'W;23°42'12,203'S/52°46'26,665'W;23°42'12,573'S/52°46'26,665'W;23°42'12,573'S/52°46'26,727'W;23°42'12,902'S/52°46'26,727'W;23°42'12,902'S/52°46'26,809'W;23°42'13,389'S/52°46'26,809'W;23°42'13,389'S/52°46'26,905'W;23°42'13,683'S/52°46'26,905'W;23°42'13,683'S/52°46'27,001'W;23°42'13,964'S/52°46'27,001'W;23°42'13,964'S/52°46'27,124'W;23°42'14,197'S/52°46'27,124'W;23°42'14,197'S/52°46'27,234'W;23°42'14,471'S/52°46'27,234'W;23°42'14,471'S/52°46'27,364'W;23°42'14,697'S/52°46'27,364'W;23°42'14,697'S/52°46'27,460'W;23°42'14,965'S/52°46'27,460'W;23°42'14,965'S/52°46'27,556'W;23°42'15,232'S/52°46'27,556'W;23°42'15,232'S/52°46'27,686'W;23°42'15,719'S/52°46'27,686'W;23°42'15,719'S/52°46'27,857'W;23°42'16,472'S/52°46'27,857'W;23°42'16,472'S/52°46'27,734'W;23°42'17,048'S/52°46'27,734'W;23°42'17,048'S/52°46'27,569'W;23°42'17,672'S/52°46'27,569'W;23°42'17,672'S/52°46'27,439'W;23°42'18,357'S/52°46'27,439'W;23°42'18,357'S/52°46'27,597'W;23°42'18,473'S/52°46'27,597'W;23°42'18,473'S/52°46'27,754'W;23°42'18,638'S/52°46'27,754'W;23°42'18,638'S/52°46'27,912'W;23°42'18,754'S/52°46'27,912'W;23°42'18,754'S/52°46'28,063'W;23°42'18,891'S/52°46'28,063'W;23°42'18,891'S/52°46'28,248'W;23°42'19,063'S/52°46'28,248'W;23°42'19,063'S/52°46'28,453'W;23

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Ass. Dilva B. Medeiros

°42'19,200''S/52°46'28,453''W;23°42'19,200''S/52°46'28,543''W
;23°42'19,474''S/52°46'28,543''W;23°42'19,474''S/52°46'28,645
''W;23°42'19,727''S/52°46'28,645''W;23°42'19,727''S/52°46'28,
755''W;23°42'20,015''S/52°46'28,755''W;23°42'20,015''S/52°46'
28,858''W;23°42'20,283''S/52°46'28,858''W;23°42'20,283''S/52°
46'28,988''W;23°42'20,570''S/52°46'28,988''W;23°42'20,570''S/
52°46'29,098''W;23°42'20,858''S/52°46'29,098''W;23°42'20,858'
''S/52°46'29,242''W;23°42'21,228''S/52°46'29,242''W;23°42'21,2
28''S/52°46'29,372''W;23°42'21,694''S/52°46'29,372''W;23°42'2
1,694''S/52°46'29,570''W;23°42'22,044''S/52°46'29,570''W;23°4
2'22,044''S/52°46'29,680''W;23°42'22,407''S/52°46'29,680''W;2
3°42'22,407''S/52°46'29,831''W;23°42'22,770''S/52°46'29,831''
W;23°42'22,770''S/52°46'29,975''W;23°42'23,147''S/52°46'29,97
5''W;23°42'23,147''S/52°46'30,139''W;23°42'23,455''S/52°46'30
,139''W;23°42'23,455''S/52°46'30,448''W;23°42'23,668''S/52°46
'30,448''W;23°42'23,668''S/52°46'30,831''W;23°42'23,873''S/52
°46'30,831''W;23°42'23,873''S/52°46'31,476''W;23°42'26,717''S
/52°46'31,476''W;23°42'26,717''S/52°46'31,325''W;23°42'27,053
''S/52°46'31,325''W;23°42'27,053''S/52°46'31,119''W;23°42'27,
464''S/52°46'31,119''W;23°42'27,464''S/52°46'30,872''W;23°42'
27,690''S/52°46'30,872''W;23°42'27,690''S/52°46'30,749''W;23°
42'27,828''S/52°46'30,749''W;23°42'27,828''S/52°46'30,592''W;
23°42'28,088''S/52°46'30,592''W;23°42'28,088''S/52°46'30,406'
''W;23°42'28,273''S/52°46'30,406''W;23°42'28,273''S/52°46'30,2
21''W;23°42'28,568''S/52°46'30,221''W;23°42'28,568''S/52°46'3
0,043''W;23°42'28,801''S/52°46'30,043''W;23°42'28,801''S/52°4
6'29,858''W;23°42'29,082''S/52°46'29,858''W;23°42'29,082''S/5
2°46'29,570''W;23°42'29,349''S/52°46'29,570''W;23°42'29,349''
S/52°46'29,317''W;23°42'29,582''S/52°46'29,317''W;23°42'29,58
2''S/52°46'29,104''W;23°42'29,842''S/52°46'29,104''W;23°42'29
,842''S/52°46'28,899''W;23°42'30,082''S/52°46'28,899''W;23°42
'30,082''S/52°46'28,673''W;23°42'30,295''S/52°46'28,673''W;23
°42'30,295''S/52°46'28,474''W;23°42'30,500''S/52°46'28,474''W
;23°42'30,500''S/52°46'28,330''W;23°42'30,706''S/52°46'28,330
''W;23°42'30,706''S/52°46'28,124''W;23°42'30,904''S/52°46'28,
124''W;23°42'30,904''S/52°46'27,946''W;23°42'31,151''S/52°46'
27,946''W;23°42'31,151''S/52°46'27,748''W;23°42'31,418''S/52°
46'27,748''W;23°42'31,418''S/52°46'27,494''W;23°42'31,843''S/
52°46'27,494''W;23°42'31,843''S/52°46'27,679''W;23°42'32,015''
S/52°46'27,679''W;23°42'32,015''S/52°46'27,864''W;23°42'32,1

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Ass. Dilva B. Medeiros

72' 'S/52°46'27,864' 'W;23°42'32,172' 'S/52°46'28,172' 'W;23°42'32,015' 'S/52°46'28,172' 'W;23°42'32,015' 'S/52°46'28,330' 'W;23°42'31,864' 'S/52°46'28,330' 'W;23°42'31,864' 'S/52°46'28,543' 'W;23°42'31,645' 'S/52°46'28,543' 'W;23°42'31,645' 'S/52°46'28,741' 'W;23°42'31,446' 'S/52°46'28,741' 'W;23°42'31,446' 'S/52°46'28,947' 'W;23°42'31,254' 'S/52°46'28,947' 'W;23°42'31,254' 'S/52°46'29,146' 'W;23°42'31,055' 'S/52°46'29,146' 'W;23°42'31,055' 'S/52°46'29,358' 'W;23°42'30,884' 'S/52°46'29,358' 'W;23°42'30,884' 'S/52°46'29,598' 'W;23°42'30,637' 'S/52°46'29,598' 'W;23°42'30,637' 'S/52°46'29,783' 'W;23°42'30,418' 'S/52°46'29,783' 'W;23°42'30,418' 'S/52°46'29,995' 'W;23°42'30,199' 'S/52°46'29,995' 'W;23°42'30,199' 'S/52°46'30,228' 'W;23°42'29,938' 'S/52°46'30,228' 'W;23°42'29,938' 'S/52°46'30,482' 'W;23°42'29,637' 'S/52°46'30,482' 'W;23°42'29,637' 'S/52°46'30,797' 'W;23°42'29,342' 'S/52°46'30,797' 'W;23°42'29,342' 'S/52°46'31,119' 'W;23°42'29,116' 'S/52°46'31,119' 'W;23°42'29,116' 'S/52°46'31,428' 'W;23°42'28,780' 'S/52°46'31,428' 'W;23°42'28,780' 'S/52°46'31,688' 'W;23°42'28,437' 'S/52°46'31,688' 'W;23°42'28,437' 'S/52°46'31,798' 'W;23°42'28,150' 'S/52°46'31,798' 'W;23°42'28,150' 'S/52°46'31,907' 'W;23°42'27,889' 'S/52°46'31,907' 'W;23°42'27,889' 'S/52°46'31,969' 'W;23°42'27,560' 'S/52°46'31,969' 'W;23°42'27,560' 'S/52°46'32,106' 'W;23°42'27,190' 'S/52°46'32,106' 'W;23°42'27,190' 'S/52°46'32,229' 'W;23°42'26,813' 'S/52°46'32,229' 'W;23°42'26,813' 'S/52°46'32,339' 'W;23°42'26,334' 'S/52°46'32,339' 'W;23°42'26,334' 'S/52°46'32,421' 'W;23°42'25,779' 'S/52°46'32,421' 'W;23°42'25,779' 'S/52°46'32,634' 'W;23°42'25,319' 'S/52°46'32,634' 'W;23°42'25,319' 'S/52°46'32,819' 'W;23°42'25,004' 'S/52°46'32,819' 'W;23°42'25,004' 'S/52°46'32,969' 'W;23°42'24,915' 'S/52°46'32,969' 'W;23°42'24,915' 'S/52°46'33,401' 'W;23°42'24,668' 'S/52°46'33,401' 'W;23°42'24,668' 'S/52°46'33,785' 'W;23°42'24,593' 'S/52°46'33,785' 'W;23°42'24,593' 'S/52°46'34,374' 'W;23°42'24,504' 'S/52°46'34,374' 'W;23°42'24,504' 'S/52°46'35,080' 'W;23°42'24,689' 'S/52°46'35,080' 'W;23°42'24,689' 'S/52°46'35,238' 'W;23°42'25,025' 'S/52°46'35,238' 'W;23°42'25,025' 'S/52°46'35,498' 'W;23°42'25,422' 'S/52°46'35,498' 'W;23°42'25,422' 'S/52°46'35,759' 'W;23°42'25,628' 'S/52°46'35,759' 'W;23°42'25,628' 'S/52°46'36,067' 'W;23°42'25,813' 'S/52°46'36,067' 'W;23°42'25,813' 'S/52°46'36,321' 'W;23°42'25,943' 'S/52°46'36,321' 'W;23°42'25,943' 'S/52°46'36,451' 'W;23°42'26,094' 'S/52°46'36,451' 'W;23°42'26,094' 'S/52°46'36,745' 'W;23°42'26,238' 'S/52°46'36,745' 'W;23°42'26,238' 'S/52°46'37,019' 'W;23°42'26,388' 'S/52

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Ass. Dilva B. Medeiros

°46'37,019''W;23°42'26,388''S/52°46'37,280''W;23°42'26,532''S
/52°46'37,280''W;23°42'26,532''S/52°46'37,431''W;23°42'26,656
''S/52°46'37,431''W;23°42'26,656''S/52°46'37,677''W;23°42'26,
820''S/52°46'37,677''W;23°42'26,820''S/52°46'37,869''W;23°42'
26,964''S/52°46'37,869''W;23°42'26,964''S/52°46'38,027''W;23°
42'27,156''S/52°46'38,027''W;23°42'27,156''S/52°46'38,376''W;
23°42'27,327''S/52°46'38,376''W;23°42'27,327''S/52°46'38,650'
''W;23°42'27,533''S/52°46'38,650''W;23°42'27,533''S/52°46'38,9
31''W;23°42'27,725''S/52°46'38,931''W;23°42'27,725''S/52°46'3
9,164''W;23°42'27,869''S/52°46'39,164''W;23°42'27,869''S/52°4
6'39,418''W;23°42'28,081''S/52°46'39,418''W;23°42'28,081''S/5
2°46'39,720''W;23°42'28,321''S/52°46'39,720''W;23°42'28,321''
S/52°46'39,953''W;23°42'28,506''S/52°46'39,953''W;23°42'28,50
6''S/52°46'40,199''W;23°42'28,636''S/52°46'40,199''W;23°42'28
,636''S/52°46'40,371''W;23°42'28,808''S/52°46'40,371''W;23°42
'28,808''S/52°46'40,638''W;23°42'28,951''S/52°46'40,638''W;23
°42'28,951''S/52°46'40,919''W;23°42'29,123''S/52°46'40,919''W
;23°42'29,123''S/52°46'41,220''W;23°42'29,363''S/52°46'41,220
''W;23°42'29,363''S/52°46'41,501''W;23°42'29,671''S/52°46'41,
501''W;23°42'29,671''S/52°46'41,707''W;23°42'30,082''S/52°46'
41,707''W;23°42'30,082''S/52°46'41,844''W;23°42'30,356''S/52°
46'41,844''W;23°42'30,356''S/52°46'41,995''W;23°42'30,630''S/
52°46'41,995''W;23°42'30,630''S/52°46'42,125''W;23°42'30,994''
S/52°46'42,125''W;23°42'30,994''S/52°46'42,166''W;23°42'31,1
51''S/52°46'42,166''W;23°42'31,151''S/52°46'42,310''W;23°42'3
1,514''S/52°46'42,310''W;23°42'31,514''S/52°46'42,461''W;23°4
2'31,679''S/52°46'42,461''W;23°42'31,679''S/52°46'42,632''W;2
3°42'31,891''S/52°46'42,632''W;23°42'31,891''S/52°46'42,879''
W;23°42'32,227''S/52°46'42,879''W;23°42'32,227''S/52°46'43,12
5''W;23°42'32,481''S/52°46'43,125''W;23°42'32,481''S/52°46'43
,358''W;23°42'32,693''S/52°46'43,358''W;23°42'32,693''S/52°46
'43,626''W;23°42'32,953''S/52°46'43,626''W;23°42'32,953''S/52
°46'43,941''W;23°42'33,180''S/52°46'43,941''W;23°42'33,180''S
/52°46'44,530''W;23°42'33,426''S/52°46'44,530''W;23°42'33,426
''S/52°46'44,996''W;23°42'33,659''S/52°46'44,996''W;23°42'33,
659''S/52°46'45,332''W;23°42'33,831''S/52°46'45,332''W;23°42'
33,831''S/52°46'45,688''W;23°42'33,975''S/52°46'45,688''W;23°
42'33,975''S/52°46'46,031''W;23°42'34,160''S/52°46'46,031''W;
23°42'34,160''S/52°46'46,374''W;23°42'34,386''S/52°46'46,374''
W;23°42'34,386''S/52°46'46,990''W;23°42'34,598''S/52°46'46,9

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Ass. Dilva B. Medeiros

90'W;23°42'34,598''S/52°46'47,477''W;23°42'34,817''S/52°46'47,477''W;23°42'34,817''S/52°46'47,847''W;23°42'35,057''S/52°46'47,847''W;23°42'35,057''S/52°46'48,258''W;23°42'35,277''S/52°46'48,258''W;23°42'35,277''S/52°46'48,423''W;23°42'35,592''S/52°46'48,423''W;23°42'35,592''S/52°46'48,635''W;23°42'35,791''S/52°46'48,635''W;23°42'35,791''S/52°46'48,916''W;23°42'36,044''S/52°46'48,916''W;23°42'36,044''S/52°46'49,053''W;23°42'36,270''S/52°46'49,053''W;23°42'36,270''S/52°46'50,143''W;23°42'36,119''S/52°46'50,143''W;23°42'36,119''S/52°46'50,705''W;23°42'35,989''S/52°46'50,705''W;23°42'35,989''S/52°46'51,267''W;23°42'35,852''S/52°46'51,267''W;23°42'35,852''S/52°46'51,630''W;23°42'35,743''S/52°46'51,630''W;23°42'35,743''S/52°46'52,116''W;23°42'35,900''S/52°46'52,116''W;23°42'35,900''S/52°46'52,377''W;23°42'36,085''S/52°46'52,377''W;23°42'36,085''S/52°46'52,541''W;23°42'36,291''S/52°46'52,541''W;23°42'36,291''S/52°46'52,699''W;23°42'36,490''S/52°46'52,699''W;23°42'36,490''S/52°46'53,521''W;23°42'36,332''S/52°46'53,521''W;23°42'36,332''S/52°46'53,905''W;23°42'36,215''S/52°46'53,905''W;23°42'36,215''S/52°46'54,213''W;23°42'36,078''S/52°46'54,213''W;23°42'36,078''S/52°46'54,508''W;23°42'35,962''S/52°46'54,508''W;23°42'35,962''S/52°46'54,775''W;23°42'35,777''S/52°46'54,775''W;23°42'35,777''S/52°46'55,714''W;23°42'35,839''S/52°46'55,714''W;23°42'35,839''S/52°46'56,009''W;23°42'35,914''S/52°46'56,009''W;23°42'35,914''S/52°46'56,345''W;23°42'36,044''S/52°46'56,345''W;23°42'36,044''S/52°46'56,639''W;23°42'36,167''S/52°46'56,639''W;23°42'36,167''S/52°46'57,030''W;23°42'36,400''S/52°46'57,030''W;23°42'36,400''S/52°46'57,366''W;23°42'36,551''S/52°46'57,366''W;23°42'36,551''S/52°46'57,708''W;23°42'36,654''S/52°46'57,708''W;23°42'36,654''S/52°46'58,161''W;23°42'36,812''S/52°46'58,161''W;23°42'36,812''S/52°46'58,421''W;23°42'37,072''S/52°46'58,421''W;23°42'37,072''S/52°46'58,681''W;23°42'37,278''S/52°46'58,681''W;23°42'37,278''S/52°46'58,949''W;23°42'37,538''S/52°46'58,949''W;23°42'37,538''S/52°46'59,339''W;23°42'37,764''S/52°46'59,339''W;23°42'37,764''S/52°46'59,661''W;23°42'37,963''S/52°46'59,661''W;23°42'37,963''S/52°46'59,860''W;23°42'38,141''S/52°46'59,860''W;23°42'38,141''S/52°47'00,162''W;23°42'38,504''S/52°47'00,162''W;23°42'38,504''S/52°47'00,449''W;23°42'39,704''S/52°47'00,449''W;23°42'39,704''S/52°47'00,223''W;23°42'39,964''S/52°47'00,223''W;23°42'39,964''S/52°46'59,977''W;23°42'40,265''S/52°46'59,977''W;23

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Ass. Dilva B. Medeiros

°42'40,265''S/52°46'59,723''W;23°42'40,636''S/52°46'59,723''W
;23°42'40,636''S/52°46'59,497''W;23°42'40,903''S/52°46'59,497
''W;23°42'40,903''S/52°46'59,298''W;23°42'41,239''S/52°46'59,
298''W;23°42'41,239''S/52°46'58,955''W;23°42'41,636''S/52°46'
58,955''W;23°42'41,636''S/52°46'58,750''W;23°42'41,931''S/52°
46'58,750''W;23°42'41,931''S/52°46'58,537''W;23°42'42,246''S/
52°46'58,537''W;23°42'42,246''S/52°46'58,435''W;23°42'42,787'
''S/52°46'58,435''W;23°42'42,787''S/52°46'58,531''W;23°42'43,0
07''S/52°46'58,531''W;23°42'43,007''S/52°46'58,688''W;23°42'4
3,260''S/52°46'58,688''W;23°42'43,260''S/52°46'58,901''W;23°4
2'43,575''S/52°46'58,901''W;23°42'43,575''S/52°46'59,045''W;2
3°42'43,856''S/52°46'59,045''W;23°42'43,856''S/52°46'59,175''
W;23°42'44,035''S/52°46'59,175''W;23°42'44,035''S/52°46'59,31
2''W;23°42'44,309''S/52°46'59,312''W;23°42'44,309''S/52°46'59
,469''W;23°42'44,651''S/52°46'59,469''W;23°42'44,651''S/52°46
'59,668''W;23°42'44,905''S/52°46'59,668''W;23°42'44,905''S/52
°46'59,778''W;23°42'45,165''S/52°46'59,778''W;23°42'45,165''S
/52°46'59,963''W;23°42'45,515''S/52°46'59,963''W;23°42'45,515
''S/52°47'00,182''W;23°42'47,708''S/52°47'00,182''W;23°42'47,
708''S/52°47'00,415''W;23°42'47,934''S/52°47'00,415''W;23°42'
47,934''S/52°47'00,696''W;23°42'48,167''S/52°47'00,696''W;23°
42'48,167''S/52°47'01,155''W;23°42'48,318''S/52°47'01,155''W;
23°42'48,318''S/52°47'01,416''W;23°42'48,475''S/52°47'01,416'
''W;23°42'48,475''S/52°47'01,669''W;23°42'48,681''S/52°47'01,6
69''W;23°42'48,681''S/52°47'01,854''W;23°42'48,921''S/52°47'0
1,854''W;23°42'48,921''S/52°47'02,108''W;23°42'49,078''S/52°4
7'02,108''W;23°42'49,078''S/52°47'02,293''W;23°42'49,750''S/5
2°47'02,293''W;23°42'49,750''S/52°47'02,428''W;23°42'50,367''
S/52°47'02,428''W;23°42'50,367''S/52°47'02,892''W;23°42'50,36
7''S/52°47'02,902''W;23°42'50,367''S/52°47'03,924''W;23°42'50
,025''S/52°47'03,924''W;23°42'50,025''S/52°47'03,542''W;23°42
'49,678''S/52°47'03,542''W;23°42'49,678''S/52°47'03,105''W;23
°42'48,740''S/52°47'03,105''W;23°42'48,740''S/52°47'02,848''W
;23°42'47,930''S/52°47'02,848''W;23°42'47,930''S/52°47'02,476
''W;23°42'47,545''S/52°47'02,476''W;23°42'47,545''S/52°47'02,
154''W;23°42'47,249''S/52°47'02,154''W;23°42'47,249''S/52°47'
01,769''W;23°42'46,890''S/52°47'01,769''W;23°42'46,890''S/52°
47'01,075''W;23°42'45,797''S/52°47'01,075''W;23°42'45,797''S/
52°47'00,934''W;23°42'45,219''S/52°47'00,934''W;23°42'45,219'
''S/52°47'00,844''W;23°42'44,525''S/52°47'00,844''W;23°42'44,5

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Ass. Dilva B. Medeiros

25''S/52°47'00,715''W;23°42'43,819''S/52°47'00,715''W;23°42'43,819''S/52°47'00,510''W;23°42'43,189''S/52°47'00,510''W;23°42'43,189''S/52°47'00,240''W;23°42'42,881''S/52°47'00,240''W;23°42'42,881''S/52°46'59,970''W;23°42'42,637''S/52°46'59,970''W;23°42'42,637''S/52°46'59,572''W;23°42'42,213''S/52°46'59,572''W;23°42'42,213''S/52°46'59,803''W;23°42'41,866''S/52°46'59,803''W;23°42'41,866''S/52°47'00,099''W;23°42'41,532''S/52°47'00,099''W;23°42'41,532''S/52°47'00,420''W;23°42'41,146''S/52°47'00,420''W;23°42'41,146''S/52°47'00,715''W;23°42'40,876''S/52°47'00,715''W;23°42'40,876''S/52°47'01,139''W;23°42'40,439''S/52°47'01,139''W;23°42'40,439''S/52°47'01,396''W;23°42'39,450''S/52°47'01,396''W;23°42'39,450''S/52°47'01,653''W;23°42'38,769''S/52°47'01,653''W;23°42'38,769''S/52°47'02,065''W;23°42'38,332''S/52°47'02,065''W;23°42'38,332''S/52°47'02,553''W;23°42'37,947''S/52°47'02,553''W;23°42'37,947''S/52°47'03,182''W;23°42'37,394''S/52°47'03,182''W;23°42'37,394''S/52°47'03,799''W;23°42'36,996''S/52°47'03,799''W;23°42'36,996''S/52°47'04,287''W;23°42'36,777''S/52°47'04,287''W;23°42'36,777''S/52°47'05,148''W;23°42'36,405''S/52°47'05,148''W;23°42'36,405''S/52°47'05,765''W;23°42'36,006''S/52°47'05,765''W;23°42'36,006''S/52°47'06,742''W;23°42'35,595''S/52°47'06,742''W;23°42'35,595''S/52°47'07,500''W;23°42'35,235''S/52°47'07,500''W;23°42'35,235''S/52°47'07,872''W;23°42'34,953''S/52°47'07,872''W;23°42'34,953''S/52°47'08,309''W;23°42'34,554''S/52°47'08,309''W;23°42'34,554''S/52°47'08,964''W;23°42'34,387''S/52°47'08,964''W;23°42'34,387''S/52°47'09,478''W;23°42'34,092''S/52°47'09,478''W;23°42'34,092''S/52°47'10,108''W;23°42'33,706''S/52°47'10,108''W;23°42'33,706''S/52°47'10,789''W;23°42'33,347''S/52°47'10,789''W;23°42'33,347''S/52°47'11,740''W;23°42'33,128''S/52°47'11,740''W;23°42'33,128''S/52°47'12,164''W;23°42'32,743''S/52°47'12,164''W;23°42'32,743''S/52°47'12,832''W;23°42'32,357''S/52°47'12,832''W;23°42'32,357''S/52°47'13,809''W;23°42'31,920''S/52°47'13,809''W;23°42'31,920''S/52°47'14,580''W;23°42'31,381''S/52°47'14,580''W;23°42'31,381''S/52°47'15,466''W;23°42'31,098''S/52°47'15,466''W;23°42'31,098''S/52°47'15,864''W;23°42'30,803''S/52°47'15,864''W;23°42'30,803''S/52°47'16,250''W;23°42'30,546''S/52°47'16,250''W;23°42'30,546''S/52°47'16,751''W;23°42'30,289''S/52°47'16,751''W;23°42'30,289''S/52°47'17,419''W;23°42'29,929''S/52°47'17,419''W;23°42'29,929''S/52°47'18,087''W;23°42'29,633''S/52°47'18,087''W;23°42'29,633''S/52

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°47'18,640''W;23°42'29,068''S/52°47'18,640''W;23°42'29,068''S
/52°47'18,884''W;23°42'28,721''S/52°47'18,884''W;23°42'28,721
''S/52°47'19,501''W;23°42'28,425''S/52°47'19,501''W;23°42'28,
425''S/52°47'20,272''W;23°42'27,989''S/52°47'20,272''W;23°42'
27,989''S/52°47'21,004''W;23°42'27,590''S/52°47'21,004''W;23°
42'27,590''S/52°47'21,621''W;23°42'27,230''S/52°47'21,621''W;
23°42'27,230''S/52°47'22,250''W;23°42'26,395''S/52°47'22,250'
''W;23°42'26,395''S/52°47'20,734''W;23°42'26,742''S/52°47'20,7
34''W;23°42'26,742''S/52°47'20,117''W;23°42'27,038''S/52°47'2
0,117''W;23°42'27,038''S/52°47'19,462''W;23°42'27,346''S/52°4
7'19,462''W;23°42'27,346''S/52°47'19,090''W;23°42'27,616''S/5
2°47'19,090''W;23°42'27,616''S/52°47'18,524''W;23°42'27,950''
S/52°47'18,524''W;23°42'27,950''S/52°47'18,023''W;23°42'28,20
7''S/52°47'18,023''W;23°42'28,207''S/52°47'17,368''W;23°42'28
,503''S/52°47'17,368''W;23°42'28,503''S/52°47'16,880''W;23°42
'28,772''S/52°47'16,880''W;23°42'28,772''S/52°47'16,391''W;23
°42'29,068''S/52°47'16,391''W;23°42'29,068''S/52°47'15,646''W
;23°42'29,415''S/52°47'15,646''W;23°42'29,415''S/52°47'15,132
''W;23°42'29,672''S/52°47'15,132''W;23°42'29,672''S/52°47'14,
580''W;23°42'29,916''S/52°47'14,580''W;23°42'29,916''S/52°47'
14,104''W;23°42'30,173''S/52°47'14,104''W;23°42'30,173''S/52°
47'13,616''W;23°42'30,443''S/52°47'13,616''W;23°42'30,443''S/
52°47'12,986''W;23°42'30,725''S/52°47'12,986''W;23°42'30,725'
''S/52°47'12,459''W;23°42'31,072''S/52°47'12,459''W;23°42'31,0
72''S/52°47'11,804''W;23°42'31,394''S/52°47'11,804''W;23°42'3
1,394''S/52°47'11,136''W;23°42'31,779''S/52°47'11,136''W;23°4
2'31,779''S/52°47'10,583''W;23°42'32,075''S/52°47'10,583''W;2
3°42'32,075''S/52°47'09,954''W;23°42'32,434''S/52°47'09,954''
W;23°42'32,434''S/52°47'09,196''W;23°42'32,743''S/52°47'09,19
6''W;23°42'32,743''S/52°47'08,785''W;23°42'33,090''S/52°47'08
,785''W;23°42'33,090''S/52°47'08,078''W;23°42'33,398''S/52°47
'08,078''W;23°42'33,398''S/52°47'07,423''W;23°42'33,796''S/52
°47'07,423''W;23°42'33,796''S/52°47'06,587''W;23°42'34,233''S
/52°47'06,587''W;23°42'34,233''S/52°47'06,035''W;23°42'34,734
''S/52°47'06,035''W;23°42'34,734''S/52°47'04,634''W;23°42'35,
043''S/52°47'04,634''W;23°42'35,043''S/52°47'03,966''W;23°42'
35,364''S/52°47'03,966''W;23°42'35,364''S/52°47'02,334''W;23°
42'35,595''S/52°47'02,334''W;23°42'35,595''S/52°47'00,240''W;
23°42'36,430''S/52°47'00,240''W;23°42'36,430''S/52°46'59,225'
''W;23°42'36,225''S/52°46'59,225''W;23°42'36,225''S/52°46'58,9

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Ass. Dilva B. Medeiros

68'W;23°42'36,006'S/52°46'58,968'W;23°42'36,006'S/52°46'58,660'W;23°42'35,788'S/52°46'58,660'W;23°42'35,788'S/52°46'58,300'W;23°42'35,647'S/52°46'58,300'W;23°42'35,647'S/52°46'58,056'W;23°42'35,518'S/52°46'58,056'W;23°42'35,518'S/52°46'57,837'W;23°42'35,300'S/52°46'57,837'W;23°42'35,300'S/52°46'57,452'W;23°42'35,056'S/52°46'57,452'W;23°42'35,056'S/52°46'57,105'W;23°42'34,786'S/52°46'57,105'W;23°42'34,786'S/52°46'56,796'W;23°42'34,490'S/52°46'56,796'W;23°42'34,490'S/52°46'55,524'W;23°42'34,619'S/52°46'55,524'W;23°42'34,619'S/52°46'54,818'W;23°42'34,876'S/52°46'54,818'W;23°42'34,876'S/52°46'54,265'W;23°42'35,017'S/52°46'54,265'W;23°42'35,017'S/52°46'53,738'W;23°42'35,300'S/52°46'53,738'W;23°42'35,300'S/52°46'53,263'W;23°42'35,017'S/52°46'53,263'W;23°42'35,017'S/52°46'52,980'W;23°42'34,747'S/52°46'52,980'W;23°42'34,747'S/52°46'49,460'W;23°42'34,400'S/52°46'49,460'W;23°42'34,400'S/52°46'49,087'W;23°42'34,143'S/52°46'49,087'W;23°42'34,143'S/52°46'48,663'W;23°42'33,951'S/52°46'48,663'W;23°42'33,951'S/52°46'48,252'W;23°42'33,694'S/52°46'48,252'W;23°42'33,694'S/52°46'47,596'W;23°42'33,437'S/52°46'47,596'W;23°42'33,437'S/52°46'46,838'W;23°42'33,205'S/52°46'46,838'W;23°42'33,205'S/52°46'46,119'W;23°42'32,935'S/52°46'46,119'W;23°42'32,935'S/52°46'45,631'W;23°42'32,563'S/52°46'45,631'W;23°42'32,563'S/52°46'45,232'W;23°42'32,203'S/52°46'45,232'W;23°42'32,203'S/52°46'44,667'W;23°42'31,850'S/52°46'44,667'W;23°42'31,850'S/52°46'44,436'W;23°42'30,190'S/52°46'44,436'W;23°42'30,190'S/52°46'44,221'W;23°42'29,537'S/52°46'44,221'W;23°42'29,537'S/52°46'43,611'W;23°42'29,141'S/52°46'43,611'W;23°42'29,141'S/52°46'43,001'W;23°42'28,637'S/52°46'43,001'W;23°42'28,637'S/52°46'42,476'W;23°42'28,359'S/52°46'42,476'W;23°42'28,359'S/52°46'42,112'W;23°42'28,134'S/52°46'42,112'W;23°42'28,134'S/52°46'41,652'W;23°42'27,824'S/52°46'41,652'W;23°42'27,824'S/52°46'41,277'W;23°42'27,588'S/52°46'41,277'W;23°42'27,588'S/52°46'40,806'W;23°42'27,342'S/52°46'40,806'W;23°42'27,342'S/52°46'40,442'W;23°42'27,106'S/52°46'40,442'W;23°42'27,106'S/52°46'39,971'W;23°42'26,839'S/52°46'39,971'W;23°42'26,839'S/52°46'39,649'W;23°42'26,603'S/52°46'39,649'W;23°42'26,378'S/52°46'39,603'S/52°46'39,349'W;23°42'26,378'S/52°46'39,349'W;23°42'26,378'S/52°46'38,964'W;23°42'26,164'S/52°46'38,964'W;23°42'26,164'S/52°46'38,621'W;23

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Ass. Dilva B. Medeiros

°42'25,918''S/52°46'38,621''W;23°42'25,918''S/52°46'38,236''W
;23°42'25,522''S/52°46'38,236''W;23°42'25,522''S/52°46'37,797
''W;23°42'25,222''S/52°46'37,797''W;23°42'25,222''S/52°46'37,
390''W;23°42'24,954''S/52°46'37,390''W;23°42'24,954''S/52°46'
37,037''W;23°42'24,783''S/52°46'37,037''W;23°42'24,783''S/52°
46'36,758''W;23°42'24,590''S/52°46'36,758''W;23°42'24,590''S/
52°46'36,555''W;23°42'24,279''S/52°46'36,555''W;23°42'24,279'
''S/52°46'36,341''W;23°42'23,926''S/52°46'36,341''W;23°42'23,9
26''S/52°46'36,052''W;23°42'23,626''S/52°46'36,052''W;23°42'2
3,626''S/52°46'35,880''W;23°42'23,198''S/52°46'35,880''W;23°4
2'23,198''S/52°46'35,516''W;23°42'22,909''S/52°46'35,516''W;2
3°42'22,909''S/52°46'33,835''W;23°42'22,705''S/52°46'33,835''
W;23°42'22,705''S/52°46'32,315''W;23°42'22,448''S/52°46'32,31
5''W;23°42'22,448''S/52°46'31,051''W;23°42'21,817''S/52°46'31
,051''W;23°42'21,817''S/52°46'30,794''W;23°42'21,067''S/52°46
'30,794''W;23°42'21,067''S/52°46'30,580''W;23°42'20,521''S/52
°46'30,580''W;23°42'20,521''S/52°46'30,398''W;23°42'20,093''S
/52°46'30,398''W;23°42'20,093''S/52°46'30,184''W;23°42'19,632
''S/52°46'30,184''W;23°42'19,632''S/52°46'29,980''W;23°42'19,
054''S/52°46'29,980''W;23°42'19,054''S/52°46'29,766''W;23°42'
18,615''S/52°46'29,766''W;23°42'18,615''S/52°46'29,531''W;23°
42'18,091''S/52°46'29,531''W;23°42'18,091''S/52°46'29,199''W;
23°42'15,499''S/52°46'29,199''W;23°42'15,499''S/52°46'28,781'
''W;23°42'15,221''S/52°46'28,781''W;23°42'15,221''S/52°46'28,5
78''W;23°42'14,364''S/52°46'28,578''W;23°42'14,364''S/52°46'2
8,417''W;23°42'13,561''S/52°46'28,417''W;23°42'13,561''S/52°4
6'28,139''W;23°42'13,304''S/52°46'28,139''W;23°42'13,304''S/5
2°46'27,967''W;23°42'13,079''S/52°46'27,967''W;23°42'13,079''
S/52°46'27,796''W;23°42'12,737''S/52°46'27,796''W;23°42'12,73
7''S/52°46'27,518''W;23°42'11,034''S/52°46'27,518''W;23°42'11
,034''S/52°46'27,303''W;23°42'09,503''S/52°46'27,303''W;23°42
'09,503''S/52°46'27,111''W;23°42'09,085''S/52°46'27,111''W;23
°42'09,085''S/52°46'26,875''W;23°42'08,432''S/52°46'26,875''W
;23°42'08,432''S/52°46'26,575''W;23°42'06,473''S/52°46'26,575
''W;23°42'06,473''S/52°46'26,843''W;23°42'05,927''S/52°46'26,
843''W;23°42'05,927''S/52°46'26,993''W;23°42'05,659''S/52°46'
26,993''W;23°42'05,659''S/52°46'27,164''W;23°42'05,241''S/52°
46'27,164''W;23°42'05,241''S/52°46'27,453''W;23°42'04,835''S/
52°46'27,453''W;23°42'04,835''S/52°46'27,625''W;23°42'04,470''
''S/52°46'27,625''W;23°42'04,470''S/52°46'27,839''W;23°42'03,9

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Ass. Dilva B. Medeiros

24''S/52°46'27,839''W;23°42'03,924''S/52°46'28,107''W;23°42'03,603''S/52°46'28,107''W;23°42'03,603''S/52°46'28,256''W;23°42'03,121''S/52°46'28,256''W;23°42'03,121''S/52°46'28,599''W;23°42'02,682''S/52°46'28,599''W;23°42'02,682''S/52°46'28,835''W;23°42'02,147''S/52°46'28,835''W;23°42'02,147''S/52°46'29,038''W;23°42'01,590''S/52°46'29,038''W;23°42'01,590''S/52°46'28,064''W;23°42'01,911''S/52°46'28,064''W;23°42'01,911''S/52°46'27,828''W;23°42'02,233''S/52°46'27,828''W;23°42'02,233''S/52°46'27,710''W;23°42'02,522''S/52°46'27,710''W;23°42'02,522''S/52°46'27,507''W;23°42'02,747''S/52°46'27,507''W;23°42'02,747''S/52°46'27,293''W;23°42'03,089''S/52°46'27,293''W;23°42'03,089''S/52°46'27,046''W;23°42'03,453''S/52°46'27,046''W;23°42'03,453''S/52°46'26,789''W;23°42'03,828''S/52°46'26,789''W;23°42'03,828''S/52°46'26,532''W;23°42'04,139''S/52°46'26,532''W;23°42'04,139''S/52°46'26,286''W;23°42'04,535''S/52°46'26,286''W;23°42'04,535''S/52°46'25,901''W;23°42'05,038''S/52°46'25,901''W;23°42'05,038''S/52°46'25,644''W;23°42'05,531''S/52°46'25,644''W;23°42'05,531''S/52°46'25,397''W;23°42'06,034''S/52°46'25,397''W;23°42'06,034''S/52°46'24,991''W;23°42'06,184''S/52°46'24,991''W;23°42'06,184''S/52°46'24,712''W;23°42'06,409''S/52°46'24,712''W;23°42'06,409''S/52°46'23,063''W;23°42'06,162''S/52°46'22,560''W;23°42'05,959''S/52°46'22,560''W;23°42'05,959''S/52°46'22,314''W;23°42'05,702''S/52°46'22,314''W;23°42'05,702''S/52°46'21,885''W;23°42'05,477''S/52°46'21,885''W;23°42'05,477''S/52°46'21,404''W;23°42'05,241''S/52°46'21,404''W;23°42'05,241''S/52°46'20,900''W;23°42'04,920''S/52°46'20,900''W;23°42'04,920''S/52°46'20,483''W;23°42'04,631''S/52°46'20,483''W;23°42'04,631''S/52°46'20,033''W;23°42'04,428''S/52°46'20,033''W;23°42'04,428''S/52°46'19,594''W;23°42'04,042''S/52°46'19,594''W;23°42'04,042''S/52°46'18,962''W;23°42'03,796''S/52°46'18,962''W;23°42'03,796''S/52°46'13,491''W;23°42'02,650''S/52°46'13,491''W;23°42'02,650''S/52°46'13,619''W;23°42'02,308''S/52°46'13,619''W;23°42'02,308''S/52°46'13,833''W;23°42'02,115''S/52°46'13,833''W;23°42'02,115''S/52°46'14,047''W;23°42'01,869''S/52°46'14,047''W;23°42'01,869''S/52°46'14,304''W;23°42'01,644''S/52°46'14,304''W;23°42'01,644''S/52°46'14,615''W;23°42'01,247''S/52°46'14,615''W;23°42'01,247''S/52°46'14,968''W;23°42'00,958''S/52°46'14,968''W;23°42'00,958''S/52°46'15,204''W;23°42'00,723''S/52°46'15,204''W;23°42'00,723''S/52°46'15,675''W;23°42'00,423''S/52

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Ass. Dilva B. Medeiros

°46'15,675''W;23°42'00,423''S/52°46'15,921''W;23°42'00,209''S/52°46'15,921''W;23°42'00,209''S/52°46'16,200''W;23°42'00,005''S/52°46'16,200''W;23°42'00,005''S/52°46'16,425''W;23°41'59,545''S/52°46'16,425''W;23°41'59,545''S/52°46'16,692''W;23°41'58,260''S/52°46'16,692''W;23°41'58,260''S/52°46'16,339''W;23°41'57,275''S/52°46'16,339''W;23°41'57,275''S/52°46'16,071''W;23°41'55,990''S/52°46'16,071''W;23°41'55,990''S/52°46'15,814''W;23°41'54,866''S/52°46'15,814''W;23°41'54,866''S/52°46'15,600''W;23°41'54,191''S/52°46'15,600''W;23°41'54,191''S/52°46'14,893''W;23°41'53,913''S/52°46'14,893''W;23°41'53,913''S/52°46'14,165''W;23°41'53,592''S/52°46'14,165''W;23°41'53,592''S/52°46'12,013''W;23°41'53,806''S/52°46'12,013''W;23°41'53,806''S/52°46'09,261''W;23°41'53,549''S/52°46'09,261''W;23°41'53,549''S/52°46'08,844''W;23°41'53,270''S/52°46'08,844''W;23°41'53,270''S/52°46'08,469''W;23°41'53,024''S/52°46'08,469''W;23°41'53,024''S/52°46'08,126''W;23°41'52,810''S/52°46'08,126''W;23°41'52,810''S/52°46'07,741''W;23°41'52,532''S/52°46'07,741''W;23°41'52,532''S/52°46'07,302''W;23°41'52,285''S/52°46'07,302''W;23°41'52,285''S/52°46'06,863''W;23°41'52,103''S/52°46'06,863''W;23°41'52,103''S/52°46'06,616''W;23°41'51,953''S/52°46'06,616''W;23°41'51,953''S/52°46'06,242''W;23°41'51,675''S/52°46'06,242''W;23°41'51,675''S/52°46'05,171''W;23°41'51,493''S/52°46'05,171''W;23°41'51,493''S/52°46'03,329''W;23°41'51,311''S/52°46'03,329''W;23°41'51,311''S/52°46'02,387''W;23°41'51,011''S/52°46'02,387''W;23°41'51,011''S/52°46'01,166''W;23°41'50,840''S/52°46'01,166''W;23°41'50,840''S/52°45'59,967''W;23°41'51,043''S/52°45'59,967''W;23°41'51,043''S/52°45'59,753''W;23°41'51,300''S/52°45'59,753''W;23°41'51,300''S/52°45'59,474''W;23°41'51,600''S/52°45'59,474''W;23°41'51,600''S/52°45'59,292''W;23°41'51,793''S/52°45'59,292''W;23°41'51,793''S/52°45'59,078''W;23°41'52,114''S/52°45'59,078''W;23°41'52,114''S/52°45'56,690''W;23°41'51,921''S/52°45'56,690''W;23°41'51,921''S/52°45'56,241''W;23°41'51,675''S/52°45'56,241''W;23°41'51,675''S/52°45'55,695''W;23°41'51,386''S/52°45'55,695''W;23°41'51,386''S/52°45'55,373''W;23°41'51,204''S/52°45'55,373''W;23°41'51,204''S/52°45'54,977''W;23°41'50,979''S/52°45'54,977''W;23°41'50,979''S/52°45'54,677''W;23°41'50,775''S/52°45'54,677''W;23°41'50,775''S/52°45'54,292''W;23°41'50,593''S/52°45'54,292''W;23°41'50,593''S/52°45'53,853''W;23°41'50,358''S/52°45'53,853''W;23°41'50,358''S/52°45'53,446''W;23°41'50,090''S/52°45'53,4

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Ass. Dilva B. Medeiros

46' 'W; 23° 41' 50,090' 'S/ 52° 45' 53,061' 'W; 23° 41' 49,833' 'S/ 52° 45' 53,061' 'W; 23° 41' 49,833' 'S/ 52° 45' 52,814' 'W; 23° 41' 49,630' 'S/ 52° 45' 52,814' 'W; 23° 41' 49,630' 'S/ 52° 45' 52,632' 'W; 23° 41' 49,405' 'S/ 52° 45' 52,632' 'W; 23° 41' 49,405' 'S/ 52° 45' 52,290' 'W; 23° 41' 49,084' 'S/ 52° 45' 52,290' 'W; 23° 41' 49,084' 'S/ 52° 45' 51,979' 'W; 23° 41' 48,827' 'S/ 52° 45' 51,979' 'W; 23° 41' 48,827' 'S/ 52° 45' 51,711' 'W; 23° 41' 48,473' 'S/ 52° 45' 51,711' 'W; 23° 41' 48,473' 'S/ 52° 45' 51,294' 'W; 23° 41' 48,259' 'S/ 52° 45' 51,294' 'W; 23° 41' 48,259' 'S/ 52° 45' 50,833' 'W; 23° 41' 47,842' 'S/ 52° 45' 50,833' 'W; 23° 41' 47,842' 'S/ 52° 45' 50,416' 'W; 23° 41' 47,553' 'S/ 52° 45' 50,416' 'W; 23° 41' 47,553' 'S/ 52° 45' 50,062' 'W; 23° 41' 47,338' 'S/ 52° 45' 50,062' 'W; 23° 41' 47,338' 'S/ 52° 45' 49,581' 'W; 23° 41' 46,942' 'S/ 52° 45' 49,581' 'W; 23° 41' 46,942' 'S/ 52° 45' 47,653' 'W; 23° 41' 46,846' 'S/ 52° 45' 47,653' 'W; 23° 41' 46,846' 'S/ 52° 45' 46,251' 'W; 23° 41' 46,525' 'S/ 52° 45' 46,251' 'W; 23° 41' 46,525' 'S/ 52° 45' 45,747' 'W; 23° 41' 46,310' 'S/ 52° 45' 45,747' 'W; 23° 41' 46,310' 'S/ 52° 45' 44,987' 'W; 23° 41' 46,118' 'S/ 52° 45' 44,987' 'W; 23° 41' 46,118' 'S/ 52° 45' 44,366' 'W; 23° 41' 45,818' 'S/ 52° 45' 44,366' 'W; 23° 41' 45,818' 'S/ 52° 45' 44,109' 'W; 23° 41' 45,582' 'S/ 52° 45' 44,109' 'W; 23° 41' 45,582' 'S/ 52° 45' 43,863' 'W; 23° 41' 45,347' 'S/ 52° 45' 43,863' 'W; 23° 41' 45,347' 'S/ 52° 45' 43,542' 'W; 23° 41' 45,079' 'S/ 52° 45' 43,542' 'W; 23° 41' 45,079' 'S/ 52° 45' 43,295' 'W; 23° 41' 44,822' 'S/ 52° 45' 43,295' 'W; 23° 41' 44,822' 'S/ 52° 45' 42,985' 'W; 23° 41' 44,522' 'S/ 52° 45' 42,985' 'W; 23° 41' 44,522' 'S/ 52° 45' 42,739' 'W; 23° 41' 44,244' 'S/ 52° 45' 42,739' 'W; 23° 41' 44,244' 'S/ 52° 45' 42,460' 'W; 23° 41' 43,901' 'S/ 52° 45' 42,460' 'W; 23° 41' 43,901' 'S/ 52° 45' 42,032' 'W; 23° 41' 43,708' 'S/ 52° 45' 42,032' 'W; 23° 41' 43,708' 'S/ 52° 45' 41,796' 'W; 23° 41' 43,473' 'S/ 52° 45' 41,796' 'W; 23° 41' 43,473' 'S/ 52° 45' 41,496' 'W; 23° 41' 43,195' 'S/ 52° 45' 41,496' 'W; 23° 41' 43,195' 'S/ 52° 45' 41,122' 'W; 23° 41' 42,852' 'S/ 52° 45' 41,122' 'W; 23° 41' 42,852' 'S/ 52° 45' 40,800' 'W; 23° 41' 42,616' 'S/ 52° 45' 40,800' 'W; 23° 41' 42,616' 'S/ 52° 45' 39,698' 'W; 23° 41' 42,830' 'S/ 52° 45' 39,698' 'W; 23° 41' 42,830' 'S/ 52° 45' 39,066' 'W; 23° 41' 42,659' 'S/ 52° 45' 39,066' 'W; 23° 41' 42,659' 'S/ 52° 45' 38,573' 'W; 23° 41' 42,509' 'S/ 52° 45' 38,573' 'W; 23° 41' 42,509' 'S/ 52° 45' 38,166' 'W; 23° 41' 42,231' 'S/ 52° 45' 38,166' 'W; 23° 41' 42,231' 'S/ 52° 45' 37,759' 'W; 23° 41' 41,738' 'S/ 52° 45' 37,759' 'W; 23° 41' 41,738' 'S/ 52° 45' 37,556' 'W; 23° 41' 41,503' 'S/ 52° 45' 37,556' 'W; 23° 41' 41,503' 'S/ 52° 45' 37,203' 'W; 23° 41' 41,310' 'S/ 52° 45' 37,203' 'W; 23° 41' 41,310' 'S/ 52° 45' 36,796' 'W; 23° 41' 41,139' 'S/ 52° 45' 36,796' 'W; 23° 41' 41,139' 'S/ 52° 45' 36,421' 'W; 23° 41' 40,914' 'S/ 52° 45' 36,421' 'W; 23° 41' 40,914' 'S/ 52° 45' 35,907' 'W; 23° 41' 40,742' 'S/ 52° 45' 35,907' 'W; 23°

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Rel. 352/2021-SEDE-PR

Ass. Dilva B. Medeiros

°41'40,742''S/52°45'35,436''W;23°41'40,475''S/52°45'35,436''W
;23°41'40,475''S/52°45'35,061''W;23°41'40,154''S/52°45'35,061''W;
23°41'40,154''S/52°45'34,558''W;23°41'39,897''S/52°45'34,558''W;
23°41'39,897''S/52°45'33,926''W;23°41'38,430''S/52°45'33,926''W;
23°41'38,430''S/52°45'34,065''W;23°41'37,980''S/52°45'34,065''W;
23°41'37,980''S/52°45'34,258''W;23°41'37,155''S/52°45'34,258''W;
23°41'37,155''S/52°45'33,402''W;23°41'37,370''S/52°45'33,402''W;
23°41'37,370''S/52°45'32,823''W;23°41'37,521''S/52°45'32,823''W;
23°41'37,552''S/52°45'32,384''W;23°41'37,776''S/52°45'32,384''W;
23°41'37,776''S/52°45'31,485''W;23°41'37,605''S/52°45'31,485''W;
23°41'37,605''S/52°45'30,928''W;23°41'37,337''S/52°45'30,928''W;
23°41'37,337''S/52°45'30,393''W;23°41'37,027''S/52°45'30,393''W;
23°41'37,027''S/52°45'30,029''W;23°41'36,866''S/52°45'30,029''W;
23°41'36,866''S/52°45'29,729''W;23°41'36,663''S/52°45'29,729''W;
23°41'36,663''S/52°45'29,397''W;23°41'36,417''S/52°45'29,397''W;
23°41'36,417''S/52°45'29,118''W;23°41'36,170''S/52°45'29,118''W;
23°41'36,170''S/52°45'28,733''W;23°41'35,967''S/52°45'28,733''W;
23°41'35,967''S/52°45'28,390''W;23°41'35,785''S/52°45'28,390''W;
23°41'35,785''S/52°45'28,112''W;23°41'35,624''S/52°45'28,112''W;
23°41'35,624''S/52°45'27,801''W;23°41'35,378''S/52°45'27,801''W;
23°41'35,378''S/52°45'27,395''W;23°41'35,142''S/52°45'27,395''W;
23°41'35,142''S/52°45'26,816''W;23°41'34,885''S/52°45'26,816''W;
23°41'34,885''S/52°45'25,017''W;23°41'34,800''S/52°45'25,017''W;
23°41'34,800''S/52°45'24,696''W;23°41'34,596''S/52°45'24,696''W;
23°41'34,596''S/52°45'24,471''W;23°41'34,425''S/52°45'24,471''W;
23°41'34,425''S/52°45'24,182''W;23°41'34,222''S/52°45'24,182''W;
23°41'34,222''S/52°45'23,872''W;23°41'33,943''S/52°45'23,872''W;
23°41'33,943''S/52°45'23,497''W;23°41'33,633''S/52°45'23,497''W;
23°41'33,633''S/52°45'22,565''W;23°41'33,825''S/52°45'22,565''W;
23°41'33,825''S/52°45'21,827''W;23°41'34,040''S/52°45'21,827''W;
23°41'34,040''S/52°45'20,146''W;23°41'33,825''S/52°45'20,146''W;
23°41'33,825''S/52°45'19,203''W;23°41'33,419''S/52°45'19,203''W;
23°41'33,419''S/52°45'17,565''W;23°41'33,140''S/52°45'17,565''W;
23°41'33,140''S/52°45'17,415''W;23°41'32,787''S/52°45'17,415''W;
23°41'32,787''S/52°45'17,287''W;23°41'32,444''S/52°45'17,287''W;
23°41'32,444''S/52°45'13,700''W;23°41'32,658''S/52°45'13,700''W;
23°41'32,658''S/52°45'13,368''W;23°41'32,926''S/52°45'13,368''W;
23°41'32,926''S/52°45'12,864''W;23°41'33,183''S/52°45'12,864''W;23°41'33,1

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Ass. Dilva B. Medeiros

83'S/52°45'12,575'W;23°41'33,451'S/52°45'12,575'W;23°41'33,451'S/52°45'11,933'W;23°41'33,804'S/52°45'11,933'W;23°41'33,804'S/52°45'11,579'W;23°41'34,029'S/52°45'11,579'W;23°41'34,029'S/52°45'11,226'W;23°41'34,393'S/52°45'11,226'W;23°41'34,393'S/52°45'09,748'W;23°41'34,179'S/52°45'09,748'W;23°41'34,179'S/52°45'09,267'W;23°41'34,050'S/52°45'09,267'W;23°41'34,050'S/52°45'08,742'W;23°41'33,772'S/52°45'08,742'W;23°41'33,772'S/52°45'06,033'W;23°41'33,526'S/52°45'06,033'W;23°41'33,526'S/52°45'05,594'W;23°41'33,162'S/52°45'05,594'W;23°41'33,162'S/52°45'04,073'W;23°41'33,408'S/52°45'04,073'W;23°41'33,408'S/52°45'03,752'W;23°41'33,654'S/52°45'03,752'W;23°41'33,654'S/52°45'02,992'W;23°41'33,750'S/52°45'02,992'W;23°41'33,750'S/52°45'01,354'W;23°41'29,821'S/52°45'01,354'W;23°41'29,821'S/52°44'58,216'W;23°41'30,345'S/52°44'58,216'W;23°41'30,345'S/52°44'57,970'W;23°41'31,363'S/52°44'57,970'W;23°41'31,363'S/52°44'57,649'W;23°41'31,620'S/52°44'57,649'W;23°41'31,620'S/52°44'55,357'W;23°41'31,930'S/52°44'55,357'W;23°41'31,930'S/52°44'53,987'W;23°41'31,770'S/52°44'53,987'W;23°41'31,770'S/52°44'53,184'W;23°41'31,513'S/52°44'53,184'W;23°41'31,513'S/52°44'50,732'W;23°41'30,592'S/52°44'50,732'W;23°41'30,592'S/52°44'48,151'W;23°41'30,784'S/52°44'48,151'W;23°41'30,784'S/52°44'47,809'W;23°41'31,277'S/52°44'47,809'W;23°41'31,277'S/52°44'47,284'W;23°41'31,812'S/52°44'47,284'W;23°41'31,812'S/52°44'47,070'W;23°41'32,348'S/52°44'47,070'W;23°41'32,348'S/52°44'46,695'W;23°41'32,605'S/52°44'46,695'W;23°41'32,605'S/52°44'46,256'W;23°41'32,947'S/52°44'46,256'W;23°41'32,947'S/52°44'45,239'W;23°41'32,680'S/52°44'45,239'W;23°41'32,680'S/52°44'44,939'W;23°41'32,423'S/52°44'44,939'W;23°41'32,423'S/52°44'44,586'W;23°41'32,230'S/52°44'44,586'W;23°41'32,230'S/52°44'44,179'W;23°41'32,037'S/52°44'44,179'W;23°41'32,037'S/52°44'43,643'W;23°41'31,652'S/52°44'43,643'W;23°41'31,652'S/52°44'43,290'W;23°41'31,416'S/52°44'43,290'W;23°41'31,416'S/52°44'43,054'W;23°41'31,084'S/52°44'43,054'W;23°41'31,084'S/52°44'42,787'W;23°41'30,474'S/52°44'42,787'W;23°41'30,474'S/52°44'42,615'W;23°41'29,596'S/52°44'42,615'W;23°41'29,596'S/52°44'42,444'W;23°41'29,371'S/52°44'42,444'W;23°41'29,371'S/52°44'42,241'W;23°41'29,221'S/52°44'42,241'W;23°41'29,221'S/52°44'41,941'W;23°41'28,975'S/52°44'41,941'W;23°41'28,975'S/52

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Ass. Dilva B. Medeiros

°44'40,859''W;23°41'28,814''S/52°44'40,859''W;23°41'28,814''S
/52°44'40,592''W;23°41'28,514''S/52°44'40,592''W;23°41'28,514
''S/52°44'40,196''W;23°41'28,375''S/52°44'40,196''W;23°41'28,
375''S/52°44'39,799''W;23°41'28,225''S/52°44'39,799''W;23°41'
28,225''S/52°44'39,232''W;23°41'28,065''S/52°44'39,232''W;23°
41'28,065''S/52°44'38,579''W;23°41'27,872''S/52°44'38,579''W;
23°41'27,872''S/52°44'38,279''W;23°41'27,636''S/52°44'38,279'
''W;23°41'27,636''S/52°44'37,337''W;23°41'27,893''S/52°44'37,3
37''W;23°41'27,893''S/52°44'35,945''W;23°41'27,679''S/52°44'3
5,945''W;23°41'27,679''S/52°44'35,474''W;23°41'27,379''S/52°4
4'35,474''W;23°41'27,379''S/52°44'35,184''W;23°41'27,219''S/5
2°44'35,184''W;23°41'27,219''S/52°44'34,992''W;23°41'27,015''
S/52°44'34,992''W;23°41'27,015''S/52°44'34,713''W;23°41'26,72
6''S/52°44'34,713''W;23°41'26,726''S/52°44'34,510''W;23°41'26
,373''S/52°44'34,510''W;23°41'26,373''S/52°44'34,178''W;23°41
'26,180''S/52°44'34,178''W;23°41'26,180''S/52°44'33,889''W;23
°41'25,838''S/52°44'33,889''W;23°41'25,838''S/52°44'33,503''W
;23°41'25,452''S/52°44'33,503''W;23°41'25,452''S/52°44'33,246
''W;23°41'24,981''S/52°44'33,246''W;23°41'24,981''S/52°44'33,
450''W;23°41'24,777''S/52°44'33,450''W;23°41'24,777''S/52°44'
33,525''W;23°41'23,300''S/52°44'33,525''W;23°41'23,300''S/52°
44'33,353''W;23°41'22,668''S/52°44'33,353''W;23°41'22,668''S/
52°44'33,054''W;23°41'22,004''S/52°44'33,054''W;23°41'22,004'
''S/52°44'32,615''W;23°41'21,619''S/52°44'32,615''W;23°41'21,6
19''S/52°44'32,786''W;23°41'19,852''S/52°44'32,786''W;23°41'1
9,852''S/52°44'32,540''W;23°41'19,038''S/52°44'32,540''W;23°4
1'19,038''S/52°44'32,283''W;23°41'18,706''S/52°44'32,283''W;2
3°41'18,706''S/52°44'32,111''W;23°41'18,192''S/52°44'32,111''
W;23°41'18,192''S/52°44'31,897''W;23°41'17,946''S/52°44'31,89
7''W;23°41'17,946''S/52°44'31,565''W;23°41'17,732''S/52°44'31
,565''W;23°41'17,732''S/52°44'31,019''W;23°41'17,518''S/52°44
'31,019''W;23°41'17,518''S/52°44'30,366''W;23°41'17,368''S/52
°44'30,366''W;23°41'17,368''S/52°44'29,799''W;23°41'17,057''S
/52°44'29,799''W;23°41'17,057''S/52°44'29,456''W;23°41'16,854
''S/52°44'29,456''W;23°41'16,854''S/52°44'29,124''W;23°41'16,
533''S/52°44'29,124''W;23°41'16,533''S/52°44'28,803''W;23°41'
16,169''S/52°44'28,803''W;23°41'16,169''S/52°44'28,396''W;23°
41'15,783''S/52°44'28,396''W;23°41'15,783''S/52°44'28,139''W;
23°41'15,098''S/52°44'28,139''W;23°41'15,098''S/52°44'27,978'
''W;23°41'14,744''S/52°44'27,978''W;23°41'14,744''S/52°44'27,7

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Ass. Dilva B. Medeiros

96''W;23°41'14,348''S/52°44'27,796''W;23°41'14,348''S/52°44'26,361''W;23°41'14,445''S/52°44'26,361''W;23°41'14,445''S/52°44'26,019''W;23°41'14,809''S/52°44'26,019''W;23°41'14,809''S/52°44'25,665''W;23°41'15,034''S/52°44'25,665''W;23°41'15,034''S/52°44'24,584''W;23°41'14,841''S/52°44'24,584''W;23°41'14,841''S/52°44'24,156''W;23°41'10,804''S/52°44'24,156''W;23°41'10,804''S/52°44'23,909''W;23°41'10,237''S/52°44'23,909''W;23°41'10,237''S/52°44'23,610''W;23°41'09,530''S/52°44'23,610''W;23°41'09,530''S/52°44'23,385''W;23°41'09,037''S/52°44'23,385''W;23°41'09,037''S/52°44'23,074''W;23°41'08,770''S/52°44'23,074''W;23°41'08,770''S/52°44'22,764''W;23°41'08,534''S/52°44'22,764''W;23°41'08,534''S/52°44'22,410''W;23°41'08,149''S/52°44'22,410''W;23°41'08,149''S/52°44'22,078''W;23°41'07,902''S/52°44'22,078''W;23°41'07,902''S/52°44'20,532''W;23°41'15,012''S/52°44'20,532''W;23°41'15,012''S/52°44'20,911''W, em SIRGAS2000.

II - O titular deste Alvará de Pesquisa fica obrigado a efetuar o pagamento da taxa anual por hectare, conforme previsto no art. 4º, da Portaria MME nº 503, de 28 de dezembro de 1999, publicada no Diário Oficial da União de 29 de dezembro de 1999.

III - O titular deste Alvará de Pesquisa é obrigado sob pena de sanções a iniciar os trabalhos, no prazo de 60 (sessenta) dias, conforme previsto no art. 29, do Código de Mineração.

IV - A autorização objeto deste alvará implicará no cumprimento pelo titular do Termo de Compromisso, anexado aos autos do processo, nos casos cabíveis.

V - Este título não dispensa, para realização das atividades minerárias, a obtenção pelo interessado das licenças, anuências, autorizações e permissões exigidas pela legislação ambiental aplicável.

VI - Este Alvará entra em vigor na data de sua publicação. (Processo nº 826.200/2021) - (Cód. 322)

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JOTAVIO BORGES GOMES



E8AB5184-E3F24CF9-95052AB6-7A6DCDA7

(Empenho 2018NE800015)

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Ass. Dilva B. Medeiros

ALVARÁ N° 5230/2021, DE 21 DE JULHO DE 2021

O SUPERINTENDENTE DE PESQUISA E RECURSOS MINERAIS DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pela Resolução n° 31/2020 e com fundamento no art. 15, do Decreto-lei n° 227, de 28 de fevereiro de 1967, (Código de Mineração), e na Lei 13.575/2017 resolve:

I - Autorizar pelo prazo de 2 anos, SPLENDOR MINERACAO E TRANSPORTE LTDA, a pesquisar MÁRMORE, QUARTZITO no(s) Município(s) de CERRO AZUL/PR, TUNAS DO PARANÁ/PR, numa área de 384,69ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long):
24°58'26,225''S/49°04'40,409''W;24°58'57,453''S/49°04'40,409''W;24°58'57,453''S/49°05'07,151''W;24°59'46,201''S/49°05'07,154''W;24°59'46,200''S/49°05'24,984''W;25°00'18,699''S/49°05'24,987''W;25°00'18,699''S/49°05'12,937''W;25°00'42,849''S/49°05'12,937''W;25°00'42,847''S/49°05'59,301''W;25°00'42,849''S/49°05'59,327''W;25°00'16,844''S/49°05'59,327''W;25°00'16,844''S/49°05'59,340''W;25°00'16,805''S/49°05'59,340''W;25°00'16,805''S/49°05'59,327''W;24°59'44,344''S/49°05'59,327''W;24°59'44,344''S/49°05'23,672''W;24°59'44,340''S/49°05'23,672''W;24°59'44,340''S/49°05'23,663''W;24°58'26,227''S/49°05'23,663''W;24°58'26,225''S/49°04'40,409''W, em SIRGAS2000.

II - O titular deste Alvará de Pesquisa fica obrigado a efetuar o pagamento da taxa anual por hectare, conforme previsto no art. 4°, da Portaria MME n° 503, de 28 de dezembro de 1999, publicada no Diário Oficial da União de 29 de dezembro de 1999.

III - O titular deste Alvará de Pesquisa é obrigado sob pena de sanções a iniciar os trabalhos, no prazo de 60 (sessenta) dias, conforme previsto no art. 29, do Código de Mineração.

Transcrito no Livro B – 2670 Fls. 198

Em 16/08/2021

DIVISÃO DE GESTÃO DE TÍTULOS DE PESQUISA MINERAL – SRM



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 27/07/2021
Rel. 352/2021-SEDE-PR
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IV - A autorização objeto deste alvará implicará no cumprimento pelo titular do Termo de Compromisso, anexado aos autos do processo, nos casos cabíveis.

V - Este título não dispensa, para realização das atividades minerárias, a obtenção pelo interessado das licenças, anuências, autorizações e permissões exigidas pela legislação ambiental aplicável.

VI - Este Alvará entra em vigor na data de sua publicação.
(Processo nº 826.206/2021) - (Cód. 322)

JOTAVIO BORGES GOMES



3E2FFDA0-19274D5A-93F56754-CB1BC82B

(Empenho 2018NE800015)

Transcrito no Livro B – 2670 Fls. 199

Em 16/08/2021

DIVISÃO DE GESTÃO DE TÍTULOS DE PESQUISA MINERAL – SRM



AGÊNCIA NACIONAL DE MINERAÇÃO

PUBLICAÇÃO
DOU 27/07/2021
Rel. 352/2021-SEDE-PR
Ass. Dilva B. Medeiros

ALVARÁ N° 5231/2021, DE 21 DE JULHO DE 2021

O SUPERINTENDENTE DE PESQUISA E RECURSOS MINERAIS DA AGÊNCIA NACIONAL DE MINERAÇÃO, no uso da competência delegada pela Resolução n° 31/2020 e com fundamento no art. 15, do Decreto-lei n° 227, de 28 de fevereiro de 1967, (Código de Mineração), e na Lei 13.575/2017 resolve:

I - Autorizar pelo prazo de 2 anos, STEIN INDÚSTRIA E COMÉRCIO DE CERÂMICA LTDA EPP, a pesquisar ARGILA no(s) Município(s) de ENTRE RIOS DO OESTE/PR, numa área de 48,14ha, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long):

24°43'19,217''S/54°12'57,350''W;24°43'18,005''S/54°12'57,350''W;24°43'18,005''S/54°12'58,095''W;24°43'17,000''S/54°12'58,095''W;24°43'17,000''S/54°12'59,714''W;24°43'09,523''S/54°12'59,714''W;24°43'09,523''S/54°12'53,583''W;24°43'05,828''S/54°12'53,583''W;24°43'05,828''S/54°12'28,218''W;24°43'11,124''S/54°12'28,218''W;24°43'11,124''S/54°12'14,956''W;24°43'14,630''S/54°12'14,956''W;24°43'14,630''S/54°12'12,379''W;24°43'18,007''S/54°12'12,379''W;24°43'18,007''S/54°12'09,651''W;24°43'22,016''S/54°12'09,651''W;24°43'22,016''S/54°12'05,838''W;24°43'23,545''S/54°12'05,838''W;24°43'23,545''S/54°12'00,716''W;24°43'32,474''S/54°12'00,716''W;24°43'32,474''S/54°12'09,717''W;24°43'28,747''S/54°12'09,717''W;24°43'28,747''S/54°12'13,215''W;24°43'25,117''S/54°12'13,215''W;24°43'25,117''S/54°12'15,039''W;24°43'23,301''S/54°12'15,039''W;24°43'23,301''S/54°12'17,111''W;24°43'21,259''S/54°12'17,111''W;24°43'21,259''S/54°12'19,597''W;24°43'20,200''S/54°12'19,597''W;24°43'20,200''S/54°12'22,333''W;24°43'18,839''S/54°12'22,333''W;24°43'18,839''S/54°12'24,571''W;24°43'16,721''S/54°12'24,571''W;24°43'16,721''S/54°12'28,135''W;24°43'15,662''S/54°12'28,135''W;24°43'15,662''S/54°12'31,368''W;24°43'14,754''S/54°12'31,368''W;24°43'14,754''S/54°12'50,600''W;24°43'19,217''S/54°12'50,600''W;24°43'19,217''S/54°12'57,350''W, em SIRGAS2000.

II - O titular deste Alvará de Pesquisa fica obrigado a efetuar o pagamento da taxa anual por hectare, conforme

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previsto no art. 4º, da Portaria MME nº 503, de 28 de dezembro de 1999, publicada no Diário Oficial da União de 29 de dezembro de 1999.

III - O titular deste Alvará de Pesquisa é obrigado sob pena de sanções a iniciar os trabalhos, no prazo de 60 (sessenta) dias, conforme previsto no art. 29, do Código de Mineração.

IV - A autorização objeto deste alvará implicará no cumprimento pelo titular do Termo de Compromisso, anexado aos autos do processo, nos casos cabíveis.

V - Este título não dispensa, para realização das atividades minerárias, a obtenção pelo interessado das licenças, anuências, autorizações e permissões exigidas pela legislação ambiental aplicável.

VI - Este Alvará entra em vigor na data de sua publicação. (Processo nº 826.210/2021) - (Cód. 322)

JOTAVIO BORGES GOMES



2D3343CB-6C134C55-A6B6B33F-A2253C55

(Empenho 2018NE800015)

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