



MINISTÉRIO DE MINAS E ENERGIA  
DEPARTAMENTO NACIONAL DA PRODUÇÃO MINERAL  
SECRETARIA DE GEOLOGIA, MINERAÇÃO E TRANSFORMAÇÃO MINERAL  
PORTARIA Nº 177 DE 26 DE JULHO DE 2017  
DOU 28 DE JULHO DE 2017

O SECRETÁRIO DE GEOLOGIA, MINERAÇÃO E TRANSFORMAÇÃO MINERAL DO MINISTÉRIO DE MINAS E ENERGIA, no uso da competência que lhe foi delegada pelo art. 1º, inciso I, da Portaria MME no 432, de 9 de agosto de 2016, tendo em vista o disposto nos arts. 7º e 43, do Decreto-lei no 227, de 28 de fevereiro de 1967, e o que consta do Processo DNPM nº 48411.815777/2006, resolve:

Art. 1º Outorgar à André Reis Epp, concessão para lavrar Areia, no Município de Tijucas, Estado de Santa Catarina, numa área de 27,31 hectares, delimitada por um polígono que tem seus vértices coincidentes com os pontos de coordenadas geodésicas descritos a seguir (Lat/Long): 27°15'46,564"S / 48°38'53,516"W; 27°15'47,958"S / 48°38'53,516"W; 27°15'47,958"S/48°38'54,329"W;

27°15'49,036"S/48°38'54,329"W; 27°15'49,036"S/48°38'55,923"W;  
27°15'50,088"S/48°38'55,923"W; 27°15'50,088"S/48°38'57,487"W;  
27°15'51,091"S/48°38'57,487"W; 27°15'51,091"S/48°38'59,176"W;  
27°15'51,871"S/48°38'59,176"W; 27°15'51,871"S/48°39'01,427"W;  
27°15'52,510"S/48°39'01,427"W; 27°15'52,510"S/48°39'03,031"W;  
27°15'53,504"S/48°39'03,031"W; 27°15'53,503"S/48°39'37,199"W;  
27°15'52,583"S/48°39'37,199"W; 27°15'52,583"S/48°39'41,345"W;  
27°15'52,583"S/48°39'44,798"W; 27°15'49,903"S/48°39'44,798"W;  
27°15'49,893"S/48°39'44,798"W; 27°15'49,893"S/48°39'49,380"W;  
27°15'49,903"S/48°39'49,380"W; 27°15'49,903"S/48°39'49,555"W;  
27°15'49,173"S/48°39'49,555"W; 27°15'49,173"S/48°39'49,559"W;  
27°15'49,160"S/48°39'49,559"W; 27°15'49,160"S/48°40'07,374"W;  
27°15'47,073"S/48°40'07,375"W; 27°15'47,073"S/48°40'10,935"W;  
27°15'47,093"S/48°40'10,936"W; 27°15'47,093"S/48°40'11,445"W;  
27°15'47,113"S/48°40'11,445"W; 27°15'50,200"S/48°40'11,445"W;  
27°15'50,193"S/48°40'24,246"W; 27°15'50,213"S/48°40'24,246"W;  
27°15'50,213"S/48°40'24,256"W; 27°15'49,503"S/48°40'24,256"W;  
27°15'49,503"S/48°40'17,356"W; 27°15'48,373"S/48°40'17,356"W;  
27°15'48,373"S/48°40'16,056"W; 27°15'47,363"S/48°40'16,056"W;  
27°15'47,363"S/48°40'14,995"W; 27°15'46,402"S/48°40'14,995"W;  
27°15'46,313"S/48°40'14,889"W; 27°15'46,313"S/48°40'13,785"W;  
27°15'45,413"S/48°40'13,785"W; 27°15'45,413"S/48°40'12,975"W;  
27°15'44,736"S/48°40'12,975"W; 27°15'44,613"S/48°40'12,826"W;  
27°15'44,613"S/48°40'11,675"W; 27°15'43,665"S/48°40'11,675"W;  
27°15'43,624"S/48°40'11,626"W; 27°15'43,583"S/48°40'11,144"W;  
27°15'43,583"S/48°40'08,207"W; 27°15'43,649"S/48°40'08,005"W;  
27°15'44,073"S/48°40'08,005"W; 27°15'44,073"S/48°40'06,885"W;  
27°15'45,013"S/48°40'06,885"W; 27°15'45,013"S/48°40'05,525"W;  
27°15'45,048"S/48°40'05,475"W; 27°15'45,653"S/48°40'05,475"W;

27°15'45,653"S/48°40'04,609"W; 27°15'45,712"S/48°40'04,525"W;  
27°15'46,523"S/48°40'04,525"W; 27°15'46,523"S/48°40'03,405"W;  
27°15'47,323"S/48°40'03,405"W; 27°15'47,323"S/48°40'02,025"W;  
27°15'48,163"S/48°40'02,025"W; 27°15'48,163"S/48°39'59,575"W;  
27°15'48,763"S/48°39'59,575"W; 27°15'48,763"S/48°39'55,351"W;  
27°15'48,773"S/48°39'55,228"W; 27°15'48,763"S/48°39'55,199"W;  
27°15'48,763"S/48°39'52,215"W; 27°15'47,753"S/48°39'52,215"W;  
27°15'47,753"S/48°39'51,334"W; 27°15'47,436"S/48°39'51,334"W;  
27°15'47,424"S/48°39'51,299"W; 27°15'44,966"S/48°39'51,334"W;  
27°15'44,966"S/48°39'53,605"W; 27°15'45,586"S/48°39'53,605"W;  
27°15'45,593"S/48°39'53,631"W; 27°15'45,593"S/48°39'55,145"W;  
27°15'46,007"S/48°39'55,145"W; 27°15'46,013"S/48°39'55,169"W;  
27°15'46,013"S/48°39'55,945"W; 27°15'44,093"S/48°39'55,945"W;  
27°15'44,093"S/48°39'48,115"W; 27°15'44,417"S/48°39'48,115"W;  
27°15'44,417"S/48°39'45,742"W; 27°15'45,011"S/48°39'45,742"W;  
27°15'45,011"S/48°39'41,940"W; 27°15'45,454"S/48°39'41,940"W;  
27°15'45,454"S/48°39'40,492"W; 27°15'45,945"S/48°39'40,492"W;  
27°15'45,945"S/48°39'38,636"W; 27°15'46,562"S/48°39'38,636"W;  
27°15'46,562"S/48°39'36,923"W; 27°15'47,290"S/48°39'36,923"W;  
27°15'47,290"S/48°39'34,715"W; 27°15'47,846"S/48°39'34,715"W;  
27°15'47,846"S/48°39'32,824"W; 27°15'48,277"S/48°39'32,824"W;  
27°15'48,278"S/48°39'31,033"W; 27°15'48,703"S/48°39'31,033"W;  
27°15'48,703"S/48°39'29,257"W; 27°15'49,421"S/48°39'29,257"W;  
27°15'49,421"S/48°39'27,190"W; 27°15'50,164"S/48°39'27,190"W;  
27°15'50,164"S/48°39'25,394"W; 27°15'50,783"S/48°39'25,394"W;  
27°15'50,783"S/48°39'23,643"W; 27°15'51,418"S/48°39'23,643"W;  
27°15'51,418"S/48°39'21,944"W; 27°15'51,951"S/48°39'21,944"W;  
27°15'51,951"S/48°39'12,726"W; 27°15'51,554"S/48°39'12,726"W;  
27°15'51,554"S/48°39'11,089"W; 27°15'51,007"S/48°39'11,089"W;  
27°15'51,007"S/48°39'09,279"W; 27°15'50,326"S/48°39'09,279"W;  
27°15'50,326"S/48°39'07,402"W; 27°15'49,688"S/48°39'07,402"W;  
27°15'49,688"S/48°39'05,666"W; 27°15'49,028"S/48°39'05,666"W;  
27°15'49,028"S/48°39'04,203"W; 27°15'48,580"S/48°39'04,203"W;  
27°15'48,580"S/48°39'02,661"W; 27°15'47,699"S/48°39'02,661"W;  
27°15'47,699"S/48°39'00,507"W; 27°15'46,664"S/48°39'00,507"W;  
27°15'46,664"S/48°38'58,595"W; 27°15'45,764"S/48°38'58,595"W;  
27°15'45,764"S/48°38'56,945"W; 27°15'47,508"S/48°38'56,945"W;  
27°15'47,508"S/48°38'55,698"W; 27°15'42,730"S/48°38'55,698"W;  
27°15'42,730"S/48°38'54,279"W; 27°15'38,953"S/48°38'54,279"W;  
27°15'38,953"S/48°38'53,240"W; 27°15'46,564"S/48°38'53,240"W;  
27°15'46,564"S/48°38'53,516"W; em SIRGAS2000 e em coordenadas cartesianas delimitada por um polígono que tem um vértice coincidente com o ponto de Coordenadas Geodésicas: Lat.

27°15'46,564"S e Long. 48°38'53,516"W e os lados a partir desse vértice, com os seguintes comprimentos e rumos verdadeiros: 42,9m-SW 00°00'00"000; 22,4m-SW 90°00'00"000; 33,2m-SW 00°00'00"000; 43,9m-SW 90°00'00"000; 32,4m-SW 00°00'00"000; 43,0m-SW 90°00'00"000; 30,9m-SW 00°00'00"000; 46,5m-SW 90°00'00"000; 24,0m-SW 00°00'00"000; 61,9m-SW 90°00'00"000; 19,7m-SW 00°00'00"000; 44,1m-SW 90°00'00"000; 30,6m-SW 00°00'00"000; 939,8m-SW 89°59'49"026; 28,3m-NE 00°00'00"000; 114,1m-SW 90°00'00"000; 95,0m-SW 89°59'38"279; 82,5m-NW 00°00'25"008; 0,3m-NE 00°00'00"000; 126,0m-SW 89°59'43"634;

0,3m-SW 00°00'00"000; 4,8m-SW 89°52'52"951; 22,5m-NE  
00°00'00"000; 0,1m-SW 90°00'00"000; 0,4m-NE 00°00'00"000;  
490,0m-SW 89°59'34"744; 64,2m-NW 00°03'12"681; 97,9m-SW  
89°59'38"935; 0,6m-SW 00°55'26"563; 14,0m-SW 90°00'00"000;  
0,6m-SW 00°00'00"000; 95,0m-SE 00°00'43"420; 352,1m-NW  
89°58'32"126; 0,6m-SW 00°00'00"000; 0,3m-SW 90°00'00"000;  
21,9m-NW 00°01'34"400; 189,8m-NE 89°59'16"530; 34,8m-NW  
00°00'59"306; 35,8m-NE 89°59'02"320; 31,1m-NE 00°00'00"000;  
29,2m-NE 90°00'00"000; 29,6m-NE 00°00'00"000; 4,0m-NE  
47°19'51"987; 30,3m-NE 89°58'52"016; 27,7m-NE 00°00'00"000;  
22,3m-NE 90°00'00"000; 20,8m-NW 00°01'38"975; 5,6m-NE  
47°19'10"465; 31,7m-NE 90°00'00"000; 29,2m-NE 00°00'00"000;  
1,8m-NE 47°13'10"760; 13,3m-NE 84°32'14"181; 80,8m-NE  
89°59'34"463; 5,9m-SE 69°54'33"157; 13,1m-SE 00°02'38"057;  
30,8m-NE 89°58'53"031; 28,9m-SE 00°01'11"273; 37,4m-NE  
89°59'04"893; 1,7m-SE 51°51'41"479; 18,6m-SE 00°01'50"657;  
23,8m-NE 90°00'00"000; 2,9m-SE 52°04'24"736; 25,0m-SW  
00°00'00"000; 30,8m-NE 89°58'53"053; 24,6m-SW 00°00'00"000;  
38,0m-NE 90°00'00"000; 25,9m-SE 00°01'19"793; 67,4m-NE  
89°59'29"392; 18,5m-SW 00°00'00"000; 116,2m-NE 89°59'42"249;  
3,4m-SE 84°54'46"423; 0,9m-NE 69°26'38"237; 82,1m-NE  
89°59'34"870; 31,1m-NW 00°01'06"344; 24,2m-NE 89°58'34"907;  
9,8m-NE 00°00'00"000; 1,0m-NE 68°55'21"021; 75,7m-NW  
00°44'04"276; 62,5m-SW 89°59'26"982; 19,1m-SW 00°00'00"000;  
0,7m-SW 72°33'10"122; 41,7m-SW 90°00'00"000; 12,7m-SW  
00°00'00"000; 0,7m-SW 73°08'29"765; 21,3m-SW 90°00'00"000;  
59,1m-NW 00°00'34"907; 215,4m-NE 89°59'31"270; 10,0m-SW  
00°00'00"000; 65,3m-NE 89°59'28"398; 18,3m-SW 00°00'00"000;  
104,6m-NE 89°59'40"277; 13,6m-SE 00°02'31"331; 39,8m-NE  
90°00'00"000; 15,1m-SW 00°00'00"000; 51,1m-NE 90°00'00"000;  
19,0m-SW 00°00'00"000; 47,1m-NE 89°59'16"226; 22,4m-SW  
00°00'00"000; 60,7m-NE 89°59'26"041; 17,1m-SW 00°00'00"000;  
52,0m-NE 89°59'20"341; 13,3m-SW 00°00'00"000; 49,3m-NE  
90°00'00"000; 13,1m-SW 00°00'00"000; 48,9m-NE 89°59'17"776;  
22,1m-SW 00°00'00"000; 56,9m-NE 90°00'00"000; 22,9m-SW  
00°00'00"000; 49,4m-NE 90°00'00"000; 19,1m-SW 00°00'00"000;  
48,2m-NE 90°00'00"000; 19,5m-SW 00°00'00"000; 46,7m-NE  
90°00'00"000; 16,4m-SW 00°00'00"000; 253,6m-NE 89°59'51"865;  
12,2m-NE 00°00'00"000; 45,0m-NE 90°00'00"000; 16,8m-NE  
00°00'00"000; 49,8m-NE 90°00'00"000; 21,0m-NE 00°00'00"000;  
51,6m-NE 90°00'00"000; 19,6m-NE 00°00'00"000; 47,8m-NE  
90°00'00"000; 20,3m-NE 00°00'00"000; 40,2m-NE 89°59'08"741;  
13,8m-NE 00°00'00"000; 42,4m-NE 90°00'00"000; 27,1m-NE  
00°00'00"000; 59,3m-NE 90°00'00"000; 31,9m-NE 00°00'00"000;  
52,6m-NE 90°00'00"000; 27,7m-NE 00°00'00"000; 45,4m-NE  
90°00'00"000; 53,7m-SW 00°00'00"000; 34,3m-NE 90°00'00"000;  
147,1m-NE 00°00'00"000; 39,0m-NE 90°00'00"000; 116,3m-NE  
00°00'00"000; 28,6m-NE 90°00'00"000; 234,3m-SW 00°00'00"000;  
7,6m-SW 90°00'00"000.

Art. 2º Esta Portaria entra em vigor na data de sua publicação.

(Cód. 4.00)