证券简称：赣锋锂业　　证券代码：002460.SZ

赣锋锂业
GanfengLithium

江西赣锋锂业股份有限公司

GANFENG LITHIUM CO.,LTD

（江西省新余市经济开发区龙腾路）

公开发行A股可转换公司债券募集说明书（摘要）

保荐人（主承销商）

中国平安　平安证券 PING AN SECURITIES

（注册地址：深圳市福田区福田街道益田路5023号平安金融中心B座第22-25层）

签署日期：2020年 8 月 4 日

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[2019]1984

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2017	10 4.00 10 5	2018 5 28	2018 5 29
2018	10 3.00	2019 7 25	2019 7 26
2019	10 3.00	2020 7 21	2020 7 22

2

	2019	**2018**	**2017**
	35,807.10	134,134.08	146,907.81
	32,779.18	38,778.00	29,730.50
	91.54%	28.91%	20.24%
	101,287.68		
	105,616.33		
	95.90%		

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10% 20% 30% 2020

2021-2022 10% 20%

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200

Mount Marion Pilbara Pilgangoora Altura Pilgangoora

Mariana Sonora Cauchari-Olaroz 2017 -2019

91,483.45 190,471.26 233,383.58

59.97% 67.44% 54.90%

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2019 35,807.10 2018
73.30% 1

2018
55,109.09 30.50% 2 22 —
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39,516.01 2018 80%

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96.94%

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GANFENG LITHIUM CO.,LTD.

1,292,822,060.00

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0.3% 0.5%

0.8% 1.0% 1.5% 1.8%

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$P_1=P_0/\ 1+n$

$P_1=\ P_0+A\times k\ /\ 1+k$

$P_1=\ P_0+A\times k\ /\ 1+n+k$

$P_1=P_0$ D

P_1 P_0 D+A×k / 1+n+k

P_0 n k

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11

Q=V/P

V

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12

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5

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130% 130%

3,000

IA=B×i×t/365

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IA

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cninf 巨潮资讯 www.cninfo.com.cn

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A 1,092,648,516 A

21,079,375

99.9970%

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18

210,800.00

210,800.00

1	MineraExar	107,200.00	107,200.00
2		76,585.00	47,300.00
3		56,300.00	56,300.00
		240,085.00	**210,800.00**

19

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	1500.00
	150.29
	70.00
	14.20
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2020 8 7	T+1	1 2
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0790-6415606

0790-6860528

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5023 B 22-25

0755-22628215

0755-82400862

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68 19 16

021-31358666

021-31358600

61 4

021-23281763

021-23281763

1 17 01-12

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021-22288888

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38 508

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	5023	B	22-25
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0755-22628215

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0755-21899999

0755-21899000

19014512078885

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2020 3 31 1,292,822,060

	291,317,551	22.53%
1	-	-
2	-	-
3	-	-
4	291,317,551	22.53%
5	-	-
6	-	-
	1,001,504,509	77.47%
1	801,318,709	61.98%
	7,948,191	0.61%
2	-	-
3	200,185,800	15.48%
	1,292,822,060	100.00%

2020 3 31

1		269,770,452	20.87%	202,327,839		104,300,000
2	HKSCC NOMINEES LIMITED	200,173,7801	15.48%	9,250		-
3		100,898,9042	7.80%	75,674,178		32,000,000
4		34,207,312	2.65%	-		-
5		17,384,792	1.34%	-		-
6		16,595,076	1.28%	-		-

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7		12,623,568	0.98%	9,467,676		7,050,000
8		11,316,210	0.88%	-		10,929,900
9		10,710,000	0.83%	-		-
10		9,687,603	0.75%	-		-

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2017 2018

[2018] ZA11151

[2019] ZA10824

2019

2020 61390246_B01

2020 1-3

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	2020 3 31	**2019 12 31**	**2018 12 31**	**2017 12 31**
	2,584,598,773.05	1,699,930,400.52	3,602,340,290.70	2,237,200,264.76
	85,511,250.99	12,853,306.98	192,782,045.08	0.00
	0.00	0.00	0.00	191,150,695.59
	0.00	0.00	403,462,509.22	437,854,894.00
	970,627,474.77	915,411,442.86	1,002,137,169.98	507,581,214.08
	235,572,170.64	218,362,450.60	0.00	0.00
	271,286,155.72	230,227,631.13	309,713,264.41	190,110,044.53
	12,162,883.55	24,236,704.76	348,278,537.35	21,766,376.31
	2,281,033,617.85	2,333,835,840.82	1,904,712,597.83	914,834,484.46
	292,711,282.47	282,171,986.27	151,341,579.01	67,183,352.17
	6,733,503,609.04	**5,717,029,763.94**	**7,914,767,993.58**	**4,567,681,325.90**
	0.00	0.00	0.00	592,051,059.49
	284,194,625.12	386,034,759.98	442,917,204.04	0.00
	890,556.60	973,944.26		
	3,733,659,954.14	3,679,546,128.44	1,735,529,953.94	795,037,647.66
	131,542.68	138,460.77	166,133.13	193,805.49
	2,015,297,544.61	2,070,299,048.84	1,497,740,046.11	795,260,645.01
	954,559,359.11	911,799,565.53	1,097,593,245.01	778,345,805.40

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	2020 3 31	2019 12 31	2018 12 31	2017 12 31
	22,654,673.98	31,480,783.56	0.00	0.00
	325,742,450.66	347,653,785.61	312,723,128.72	298,322,022.79
	38,550,259.54	37,166,312.12	24,911,541.74	798,325.68
	18,302,165.07	18,302,165.07	18,302,165.07	18,302,165.07
	24,663,951.53	25,690,511.75	24,250,271.15	27,903,251.64
	15,609,981.38	19,310,086.37	27,046,587.26	9,979,976.61
	1,309,549,876.81	967,606,567.09	424,768,482.37	115,224,025.73
	8,743,806,941.23	**8,496,002,119.39**	**5,605,948,758.54**	**3,431,418,730.57**
	15,477,310,550.27	**14,213,031,883.33**	**13,520,716,752.12**	**7,999,100,056.47**
	2,112,712,996.84	1,130,991,051.86	1,320,844,856.00	1,179,872,873.98
	179,517,870.55	130,822,291.75	292,160,164.50	80,010,377.12
	577,601,017.74	914,175,328.44	1,026,808,187.22	412,057,004.89
	0.00	0.00	0.00	101,026,485.60
	28,975,813.67	39,045,680.33	46,050,084.51	0.00
	30,064,053.11	50,255,051.52	68,379,677.71	54,743,524.89
	123,934,176.02	115,219,607.17	310,357,260.32	330,878,461.85
	53,318,468.12	35,174,326.46	732,119,671.10	624,740,061.51
	813,570,565.34	843,173,177.91	35,490,560.00	31,000,000.00
	3,919,694,961.39	**3,258,856,515.44**	**3,832,210,461.36**	**2,814,328,789.84**
	1,954,536,040.00	1,430,219,280.00	706,112,640.00	319,889,200.00
	768,033,147.26	762,355,302.16	713,460,300.48	667,230,615.95
	19,757,234.97	26,876,979.19	0.00	0.00
	264,024,398.55	254,506,385.98	230,679,581.68	0.00
	9,906,337.19	8,605,639.61	2,386,843.49	63,845,567.87
	59,665,526.73	61,324,299.00	58,687,488.08	59,382,628.82
	6,250.00	6,250.00	6,250.00	31,253,125.00
	3,075,928,934.70	**2,543,894,135.94**	**1,711,333,103.73**	**1,141,601,137.64**
	6,995,623,896.09	**5,802,750,651.38**	**5,543,543,565.09**	**3,955,929,927.48**
( )				
( )	1,292,822,060.00	1,292,600,809.00	1,315,081,930.00	741,771,379.00
	203,568,693.00	205,642,483.20	205,673,493.18	205,698,850.87
	3,164,863,463.20	3,180,826,689.36	3,592,733,325.23	1,140,404,739.59
	0.00	0.00	685,173,701.80	588,127,715.00
	197,090,927.87	116,397,728.68	26,559,504.07	350,944,362.74
	6,389,795.75	5,290,384.91	2,614,687.71	7,360,618.50
	385,572,844.65	385,572,844.65	342,882,482.99	229,955,560.38
	3,176,672,633.33	3,168,926,567.82	3,123,272,043.23	1,949,196,634.04
	8,426,980,417.80	**8,355,257,507.62**	**7,923,643,764.61**	**4,037,204,430.12**

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	2020 3 31	2019 12 31	2018 12 31	2017 12 31
	54,706,236.38	55,023,724.33	53,529,422.42	5,965,698.87
	8,481,686,654.18	**8,410,281,231.95**	**7,977,173,187.03**	**4,043,170,128.99**
	15,477,310,550.27	**14,213,031,883.33**	**13,520,716,752.12**	**7,999,100,056.47**

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	2020 3 31	2019 12 31	2018 12 31	2017 12 31
	2,128,211,214.64	910,765,730.39	3,248,177,691.52	1,538,277,314.49
	70,621,817.55	5,052,320.00	50,490,479.45	0.00
	0.00	0.00	0.00	150,982,887.57
	0.00	0.00	377,395,437.03	412,397,814.97
	215,606,221.66	239,750,185.56	287,158,277.00	100,738,117.88
	137,185,417.21	180,945,728.81	0.00	0.00
	36,742,656.96	210,866,376.12	232,824,072.00	39,797,088.06
	2,323,544,459.31	1,523,694,136.07	1,164,768,251.81	1,091,157,531.64
	1,318,504,183.33	1,448,265,325.13	1,528,113,676.87	536,248,020.81
	2,398,167.66	6,743,013.70	8,529,248.02	392,679.09
	6,232,814,138.32	**4,526,082,815.78**	**6,897,457,133.70**	**3,869,991,454.51**
	0.00	0.00	0.00	115,693,500.00
	127,914,668.03	128,392,711.88	211,951,500.00	0.00
	6,739,224,649.70	6,669,226,542.51	3,942,514,140.06	1,955,618,243.52
	131,542.68	138,460.77	166,133.13	193,805.49
	735,414,192.06	756,205,629.71	767,848,423.49	453,008,865.24
	537,621,282.23	491,955,886.93	419,732,947.44	255,410,115.21
	0.00	374,062.22	0.00	0.00
	116,653,081.18	110,546,921.63	92,736,883.15	77,426,584.37
	0.00	0.00	0.00	0.00
	0.00	7,000,000.00	30,000,000.00	143,839,505.90
	8,256,959,415.88	**8,163,840,215.65**	**5,464,950,027.27**	**3,001,190,619.73**
	14,489,773,554.20	**12,689,923,031.43**	**12,362,407,160.97**	**6,871,182,074.24**
	1,812,650,357.95	930,799,039.42	1,170,844,856.00	763,530,874.00
	385,727,870.55	330,822,291.75	381,486,971.90	80,870,377.12
	217,567,417.35	334,359,771.71	704,825,402.26	143,899,538.12
	0.0	0.00	0.00	87,370,010.13
	12,678,042.70	15,304,898.94	40,332,311.81	0.00
	9,936,125.80	16,775,529.62	31,433,756.50	36,719,615.44
	94,788,135.58	97,150,091.38	251,981,432.37	286,305,247.18
	916,965,687.57	480,591,315.51	1,061,025,864.00	914,777,581.30

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	2020 3 31	2019 12 31	2018 12 31	2017 12 31
	808,698,536.08	837,390,818.33	35,490,560.00	25,000,000.00
	4,259,012,173.58	**3,043,193,756.66**	**3,677,421,154.84**	**2,338,473,243.29**
	1,954,536,040.00	1,430,219,280.00	706,112,640.00	319,889,200.00
	768,033,147.26	762,355,302.16	713,460,300.48	667,230,615.95
	0.00	0.00	0.00	0.000.00
	4,976,470.22	3,595,551.51	301,094.24	12,896,422.58
	24,285,757.01	25,209,283.19	19,631,487.91	22,720,292.63
	2,751,831,414.49	**2,221,379,416.86**	**1,439,505,522.63**	**1,022,736,531.16**
	7,010,843,588.07	**5,264,573,173.52**	**5,116,926,677.47**	**3,361,209,774.45**
( )				
( )	1,292,822,060.00	1,292,600,809.00	1,315,081,930.00	741,771,379.00
	203,568,693.00	205,642,483.20	205,673,493.18	205,698,850.87
	3,072,285,183.60	3,063,181,942.26	3,584,863,099.52	1,132,534,513.88
	0.00	0.00	685,173,701.80	588,127,715.00
	0.00	0.00	0.00	25,042,829.70
	2,210,724.27	1,592,644.70	1,827,307.08	1,808,335.55
	385,572,844.65	385,572,844.65	342,882,482.99	229,955,560.38
	2,522,470,460.61	2,476,759,134.10	2,480,325,872.53	1,761,288,545.41
	7,478,929,966.13	**7,425,349,857.91**	**7,245,480,483.50**	**3,509,972,299.79**
	14,489,773,554.20	**12,689,923,031.43**	**12,362,407,160.97**	**6,871,182,074.24**

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	2020 1-3	2019	2018	2017
	1,078,841,300.29	**5,341,720,203.72**	**5,003,882,888.26**	**4,383,446,140.42**
	1,078,841,300.29	5,341,720,203.72	5,003,882,888.26	4,383,446,140.42
	1,003,637,289.39	**4,596,265,867.52**	**3,745,466,404.18**	**2,969,214,983.37**
	868,787,025.45	4,086,209,564.51	3,197,281,384.89	2,609,419,791.69
	4,977,622.54	24,736,494.79	30,582,676.65	48,581,384.11
	18,594,758.76	62,530,623.17	82,351,806.73	53,207,041.69
	23,299,322.84	272,855,433.90	283,290,153.60	136,978,877.20
	21,606,335.99	79,599,863.28	62,527,264.51	37,962,113.57
	66,372,223.81	70,333,887.87	81,987,851.20	53,535,770.69
	0.00	0.00	4,703,657.16	29,530,004.42
	0.0	0.00	2,741,609.44	0.00
	8,811,602.91	54,817,421.55	157,562,689.13	61,885,240.21
	28,381,463.62	162,169,041.40	174,840,160.90	257,476,152.44
	-87,696,997.81	-395,160,139.96	-219,538,668.40	21,041,054.96
	-1,055,676.05	-35,581,899.62	0.00	0.00

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	2020 1-3	2019	2018	2017
	-40,889.62	-43,236,944.76	0.00	0.00
	-26,622.39	-13,150,612.57	-774,078.33	53,648.57
	23,576,891.56	**475,311,202.24**	**1,370,506,587.38**	**1,754,687,253.23**
	480,193.17	3,283,460.12	20,877,640.40	91,399.94
	782,470.75	4,126,608.19	4,858,341.98	16,339,037.95
	23,274,613.98	**474,468,054.17**	**1,386,525,885.80**	**1,738,439,615.22**
	17,694,902.16	121,075,971.03	162,642,784.08	269,859,649.55
	5,579,711.82	**353,392,083.14**	**1,223,883,101.72**	**1,468,579,965.67**
	-2,166,353.69	-4,678,893.31	596,217.37	-498,163.63
	7,746,065.51	358,070,976.45	1,223,286,884.35	1,469,078,129.30
	82,548,709.99	90,211,202.78	31,953,071.36	110,029,489.64
	88,128,421.81	**443,603,285.92**	**1,255,836,173.08**	**1,578,609,455.31**
	-310,842.89	-4,305,915.14	-4,086,276.45	-2,880,693.69
	88,439,264.70	447,909,201.06	1,259,922,449.53	1,581,490,149.00

2

	2020 1-3	2019	2018	2017
	641,871,323.91	**3,766,449,995.23**	**3,704,357,978.62**	**3,449,021,847.08**
	641,871,323.91	3,766,449,995.23	3,704,357,978.62	3,449,021,847.08
	624,027,896.18	**3,266,164,060.43**	**2,697,951,817.31**	**2,234,221,336.33**
	553,954,180.21	2,888,758,960.36	2,404,670,705.30	2,055,327,553.77
	2,767,350.29	15,737,300.08	20,019,240.68	40,138,481.93
	6,896,986.37	56,244,675.67	40,761,388.45	25,534,056.08
	6,626,527.13	181,591,572.38		

	2020 1-3	2019	2018	2017
	45,711,326.51	**426,903,616.63**	**1,104,226,396.43**	**1,263,674,750.77**

1

	2020 1-3	2019	2018	2017
	1,082,098,651.72	4,703,248,291.71	3,963,496,140.83	3,462,424,378.78
	9,693,832.15	26,561,428.98	22,226,927.84	336,501.37
	32,672,240.43	132,402,022.22	196,041,282.25	58,614,964.95
	1,124,464,724.30	**4,862,211,742.91**	**4,181,764,350.92**	**3,521,375,845.10**
	1,107,366,747.74	3,357,510,252.63	2,679,776,533.23	2,337,506,593.43
	101,375,575.10	389,367,968.33	240,426,349.57	192,112,380.29
	20,989,665.41	338,266,758.38	435,541,758.36	399,534,303.89
	33,313,169.06	107,780,681.01	140,787,761.76	88,356,502.91
	1,263,045,157.31	**4,192,925,660.35**	**3,496,532,402.92**	**3,017,509,780.52**
	-138,580,433.01	**669,286,082.56**	**685,231,948.00**	**503,866,064.58**
	73,288,216.14	433,474,408.62	1,103,898,347.86	238,207,800.19
	14,373,274.01	142,103,164.63	98,023,128.84	5,668,687.87
	0.00	120,980.30	7,159,091.46	2,832,029.67
	0.00	300,000,000.00	0.00	12,000,000.00
	87,661,490.15	**875,698,553.55**	**1,209,080,568.16**	**258,708,517.73**
	81,661,707.54	814,167,438.17	1,198,382,263.36	352,915,348.56
	95,913,811.08	2,404,875,605.80	1,736,106,952.40	726,834,990.94
	0.00	0.00	0.00	19,150,512.06
	328,143,969.21	479,324,554.36	634,629,289.83	0.00
	505,719,487.83	**3,698,367,598.33**	**3,569,118,505.59**	**1,098,900,851.56**
	-418,057,997.68	**-2,822,669,044.78**	**-2,360,037,937.43**	**-840,192,333.83**
	0.00	6,300,000.00	2,958,231,015.62	588,377,715.00

	2020 1-3	2019	2018	2017
	0.00	952,138,468.03	436,843,822.83	85,895,095.34
	1,045,117,407.32	**4,460,647,778.04**	**2,465,378,225.08**	**2,651,047,527.60**
	1,545,840,111.83	**240,776,456.16**	**2,720,671,542.54**	**2,336,662,551.50**
	12,292,552.18	**22,096,497.10**	**7,397,130.81**	**-4,167,259.47**
	1,001,494,233.32	**-1,890,510,008.96**	**1,053,262,683.92**	**1,996,169,022.78**
	1,328,104,539.72	3,218,614,548.68	2,165,351,864.76	169,182,841.98
	2,329,598,773.04	**1,328,104,539.72**	**3,218,614,548.68**	**2,165,351,864.76**

2

	2020 1-3	2019	2018	2017
	859,595,620.34	3,079,298,100.02	3,424,593,043.21	3,154,989,845.25
	9,124,668.41	1,132,028.12	1,441,303.27	0
	28,386,277.91	101,511,251.40	123,620,837.77	50,003,412.42
	897,106,566.66	**3,181,941,379.54**	**3,549,655,184.25**	**3,204,993,257.67**
	838,347,159.19	2,141,189,257.77	2,436,188,232.55	2,073,133,659.74
	28,328,104.80	137,469,173.76	96,858,128.61	79,139,938.78
	7,574,052.62	294,772,348.04	341,494,360.65	328,602,852.54
	15,692,879.65	67,025,199.63	50,773,454.79	49,214,240.14
	889,942,196.26	**2,640,455,979.20**	**2,925,314,176.60**	**2,530,090,691.20**
	7,164,370.40	**541,485,400.34**	**624,341,007.65**	**674,902,566.47**
	73,146,343.81	431,226,818.72	1,059,639,554.64	2,900,000.00
	505,601.69	127,897,367.63	97,380,131.06	140,093,772.66
	0.00	51,072,929.48	2,812,848.67	15,526,646.84
	0.00	300,000,000.00	259,536,171.63	12,000,000.00
	73,651,945.50	**910,197,115.83**	**1,419,368,706.00**	**170,520,419.50**
	55,545,529.92	193,843,559.00	515,366,868.39	111,123,856.89
	141,712,319.75	3,132,462,058.29	2,887,155,603.06	887,667,612.00
	10,993,849.72	573,018,822.62	300,000,000.00	390,887,322.20
	208,251,699.39	**3,899,324,439.91**	**3,702,522,471.45**	**1,389,678,791.09**
	-134,599,753.89	**-2,989,127,324.08**	**-2,283,153,765.45**	**-1,219,158,371.59**
	0.00	0.00	2,946,581,015.62	588,127,715.00
	2,374,131,658.35	4,075,390,338.20	2,005,318,752.00	2,801,611,239.10
	4,500,000.00	374,733,896.00	91,802,295.89	0.00
	0.00	0.00	0.00	918,000,000.00
	2,378,631,658.35	**4,450,124,234.20**	**5,043,702,063.51**	**4,307,738,954.10**
	1,012,792,440.00	2,803,535,754.89	1,234,954,602.00	2,201,016,870.45

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	2020 1-3	2019	2018	2017
	26,872,120.11	489,638,858.08	337,059,601.31	109,869,034.47
	0.00	890,521,450.92	405,590,697.83	53,795,095.34
	1,039,664,560.11	**4,183,696,063.89**	**1,977,604,901.14**	**2,364,681,000.26**
	1,338,967,098.24	**266,428,170.31**	**3,066,097,162.37**	**1,943,057,953.84**
	10,413,769.50	**20,791,149.00**	**-8,974,384.24**	**-1,489,878.03**
	1,221,945,484.25	**-2,160,422,604.43**	**1,398,310,020.33**	**1,397,312,270.69**
	706,265,730.39	2,866,688,334.82	1,468,378,314.49	71,066,043.80
	1,928,211,214.64	**706,265,730.39**	**2,866,688,334.82**	**1,468,378,314.49**

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1

2019

	2019										
	1,315,081,930.00	205,673,493.18	3,592,733,325.23	685,173,701.80	26,559,504.07	2,614,687.71	342,882,482.99	3,123,272,043.23	7,923,643,764.61	53,529,422.42	7,977,173,187.03
								118,053,903.20	118,053,903.20		118,053,903.20
	1,315,081,930.00	205,673,493.18	3,592,733,325.23	685,173,701.80	26,559,504.07	2,614,687.71	342,882,482.99	3,241,325,946.43	8,041,697,667.81	53,529,422.42	8,095,227,090.23
“ ”	-22,481,121.00	-31,009.98	-411,906,635.87	-685,173,701.80	89,838,224.61	2,675,697.20	42,690,361.66	-72,399,378.61	313,559,839.81	1,494,301.91	315,054,141.72
					89,838,224.61			358,070,976.45	447,909,201.06	-4,305,915.14	443,603,285.92

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	2019										
	-22,481,121.00	-31,009.98	-521,181,374.31	-685,173,701.80					141,480,196.51	5,800,217.05	147,280,413.56
1										6,300,000.00	6,300,000.00
2											
3			134,877,974.63						134,877,974.63		134,877,974.63
4	-22,481,121.00	-31,009.98	-656,059,348.94	-685,173,701.80					6,602,221.88	-499,782.95	6,102,438.93
							42,690,361.66	-430,470,355.06	-387,779,993.40		-387,779,993.40
1							42,690,361.66	-42,690,361.66			
2											
3								-387,779,993.40	-387,779,993.40		-387,779,993.40

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	2019										
4											
1											
2											
3											
4											
5											
6											
						2,675,697.20			2,675,697.20		2,675,697.20
1						20,417,216.46			20,417,216.46		20,417,216.46
2						17,741,519.26			17,741,519.26		17,741,519.26

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	2019										
			109,274,738.44						109,274,738.44		109,274,738.44
	1,292,600,809.00	205,642,483.20	3,180,826,689.36		116,397,728.68	5,290,384.91	385,572,844.65	3,168,926,567.82	8,355,257,507.62	55,023,724.33	8,410,281,231.95

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2018

	2018										
	741,771,379.00	205,698,850.87	1,140,404,739.59	588,127,715.00	350,944,362.74	7,360,618.50	229,955,560.38	1,949,196,634.04	4,037,204,430.12	5,965,698.87	4,043,170,128.99

	2018										
“ ”											
					36,635,565.18			1,223,286,884.35	1,259,922,449.53	-4,086,276.45	1,255,836,173.08
	201,679,331.00	-25,357.69	2,823,959,805.64	97,045,986.80					2,928,567,792.15	51,650,000.00	2,980,217,792.15
1	200,185,800.00		2,618,492,426.99						2,818,678,226.99	11,650,000.00	2,830,328,226.99
2											
3	2,123,080.00		204,724,310.32	97,045,986.80					109,801,403.52	40,000,000.00	149,801,403.52

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	2018		

	2018										
2											
3											
4											
5											
6											

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	2018										
						-4,745,930.79			-4,745,930.79		-4,745,930.79
1						16,642,645.79			16,642,645.79		16,642,645.79
2						21,388,576.58			21,388,576.58		21,388,576.58
	1,315,081,930.00	**205,673,493.18**	**3,592,733,325.23**	**685,173,701.80**	**26,559,504.07**	**2,614,687.71**	**342,882,482.99**	**3,123,272,043.23**	**7,923,643,764.61**	**53,529,422.42**	**7,977,173,187.03**

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2017

	752,695,526.00		712,356,026.22		238,532,343.04	1,739,979.10	89,165,703.00	693,798,850.02	2,217,392.56	2,490,505,819.94
	752,695,526.00		712,356,026.22		238,532,343.04	1,739,979.10	89,165,703.00	693,798,850.02	2,217,392.56	2,490,505,819.94
“ ”	-10,924,147.00	205,698,850.87	428,048,713.37	588,127,715.00	112,412,019.70	5,620,639.40	140,789,857.38	1,255,397,784.02	3,748,306.31	1,552,664,309.05
					112,412,019.70			1,469,078,129.30	-2,880,693.69	1,578,609,455.31
	-10,924,147.00	205,698,850.87	423,048,713.37	588,127,715.00					6,629,000.00	36,324,702.24
1	12,866,500.00		575,261,215.00	588,127,715.00					6,629,000.00	6,629,000.00
2		205,698,850.87								205,698,850.87
3			9,207,038.27							9,207,038.27
4	-23,790,647.00		-161,419,539.90							-185,210,186.90
							140,789,857.38	-213,680,345.28		-72,890,487.90
1							140,789,857.38	-140,789,857.38		

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2										
3								-72,890,487.90		-72,890,487.90
4										
1										
2										
3										
4										
						5,620,639.40				5,620,639.40
1						11,003,855.85				11,003,855.85
2						5,383,216.45				5,383,216.45
			5,000,000.00							5,000,000.00
	741,771,379.00	**205,698,850.87**	**1,140,404,739.59**	**588,127,715.00**	**350,944,362.74**	**7,360,618.50**	**229,955,560.38**	**1,949,196,634.04**	**5,965,698.87**	**4,043,170,128.99**

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2

2019

	2019							
	1,315,081,930.00	205,673,493.18	3,584,863,099.52	685,173,701.80	1,827,307.08	342,882,482.99	2,480,325,872.53	7,245,480,483.50
	1,315,081,930.00	205,673,493.18	3,584,863,099.52	685,173,701.80	1,827,307.08	342,882,482.99	2,480,325,872.53	7,245,480,483.50
“ ”	-22,481,121.00	-31,009.98	-521,681,157.26	-685,173,701.80	-234,662.38	42,690,361.66	-3,566,738.43	179,869,374.41
							426,903,616.63	426,903,616.63
	-22,481,121.00	-31,009.98	-521,681,157.26	-685,173,701.80				140,980,413.56
1								
2								
3			134,877,974.63					134,877,974.63
4	-22,481,121.00	-31,009.98	-656,559,131.89	-685,173,701.80				6,102,438.93

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						42,690,361.66	-430,470,355.06	-387,779,993.40
1						42,690,361.66	-42,690,361.66	0
2							-387,779,993.40	-387,779,993.40
3								
1								
2								
3								
4								
5								
6								
					-234,662.38			-234,662.38
1					8,047,548.72			8,047,548.72
2					8,282,211.10			8,282,211.10
	1,292,600,809.00	205,642,483.20	3,063,181,942.26		1,592,644.70	385,572,844.65	2,476,759,134.10	7,425,349,857.91

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2018

	2018								
	741,771,379.00	205,698,850.87	1,132,534,513.88	588,127,715.00	25,042,829.70	[redacted]	229,955,560.38	1,761,288,545.41	3,509,972,299.79

[redacted]

	2018								
4	-629,549.00	-25,357.69	743,068.33						88,161.64
							110,422,639.64	-407,727,616.04	-297,304,976.40
1							110,422,639.64	-110,422,639.64	
2								-297,304,976.40	-297,304,976.40
3									
	371,631,220.00		-371,631,220.00						
1	371,631,220.00		-371,631,220.00						
2									
3									
4									
5									
6									
						18,971.53			18,971.53
1						6,700,222.56			6,700,222.56
2						6,681,251.03			6,681,251.03

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	2018								
	1,315,081,930.00	**205,673,493.18**	**3,584,863,099.52**	**685,173,701.80**		**1,827,307.08**	**342,882,482.99**	**2,480,325,872.53**	**7,245,480,483.50**

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2017

	2017								
	752,695,526.00		709,485,800.51		169,266,652.71		89,165,703.00	567,070,316.91	2,287,683,999.13
	752,695,526.00		709,485,800.51		169,266,652.71		89,165,703.00	567,070,316.91	2,287,683,999.13
“ ”	-10,924,147.00	205,698,850.87	423,048,713.37	588,127,715.00	-144,223,823.01	1,808,335.55	140,789,857.38	1,194,218,228.50	1,222,288,300.66
					-144,223,823.01			1,407,898,573.78	1,263,674,750.77
	-10,924,147.00	205,698,850.87	423,048,713.37	588,127,715.00					29,695,702.24
1	12,866,500.00		575,261,215.00	588,127,715.00					
2		205,698,850.87							205,698,850.87
3			9,207,038.27						9,207,038.27
4	-23,790,647.00		-161,419,539.90						-185,210,186.90

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	2017								
							140,789,857.38	-213,680,345.28	-72,890,487.90
1							140,789,857.38	-140,789,857.38	
2								-72,890,487.90	-72,890,487.90
3									
1									
2									
3									
4									
5									
6									
						1,808,335.55			1,808,335.55
1						1,808,335.55			1,808,335.55
2									
	741,771,379.00	**205,698,850.87**	**1,132,534,513.88**	**588,127,715.00**	**25,042,829.70**	**1,808,335.55**	**229,955,560.38**	**1,761,288,545.41**	**3,509,972,299.79**

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	2020 3 31	2019 12 31	2018 12 31	2017 12 31
	1.72	1.75	2.07	1.62
	1.14	1.04	1.44	1.30
	45.20%	40.83%	40.65%	49.45%
	48.38%	41.49%	41.39%	48.92%
	6.52	6.46	6.12	5.44
	2020 1-3	**2019**	**2018**	**2017**
/	4.58	5.57	6.63	9.22
/	1.51	1.93	2.27	3.60
/	0.29	0.39	0.46	0.74
/	-0.11	0.52	0.52	0.68
/	0.77	-1.46	0.80	2.69
	1.38	3.26	13.91	31.16

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		%	/	
	2019	4.38	0.28	0.28
	2018	25.85	1.18	1.18
	2017	46.37	1.98	1.98
	2019	8.49	0.54	0.54
	2018	24.21	1.10	1.10
	2017	37.69	1.61	1.61

2018

118,053,903.20 2018 118,053,903.20

2018

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(2008)

	2020 1-3	2019	2018	2017
	-2.66	-1,315.06	-77.41	-1,259.07
	881.16	5,481.74	15,756.27	6,188.52
	-	-	11,805.39	-
	-6,826.34	-38,614.53	-16,765.34	6,734.80
	-30.23	-84.31	1,601.93	-360.33
	0.00	0.00	0.00	18,521.02
	433.15	-896.93	3,798.03	2,331.57
	-6,411.23	**-33,635.23**	**8,522.82**	**27,493.37**
	774.61	35,807.10	134,134.08	146,907.81
%	-827.67	-93.93	6.35	18.71

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1

	2020 3 31		2019 12 31		2018 12 31		2017 12 31	
		%		%		%		%
	673,350.36	43.51	571,702.98	40.22	791,476.80	58.03	456,768.13	57.10
	874,380.69	56.49	849,600.21	59.78	572,400.27	41.97	343,141.87	42.90
	1,547,731.06	**100.00**	**1,421,303.19**	**100.00**	**1,363,877.07**	**100.00**	**799,910.01**	**100.00**

799,910.01 1,363,877.07
1,421,303.19 1,547,731.06 456,768.13
791,476.80 571,702.98 673,350.36
57.10% 58.03% 40.22% 43.51% 343,141.87
572,400.27 849,600.21 874,380.69
42.90% 41.97% 59.78% 56.49%

2017 2018

2017 9.28 2018 H
29.07 2017 2018

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2019

RIM Minera

Exar

2

	2020 3 31		2019 12 31		2018 12 31		2017 12 31	
		%		%		%		%
	258,459.88	38.38	169,993.04	29.73	360,234.03	45.51	223,720.03	48.98
	8,551.13	1.27	1,285.33	0.22	19,278.20	2.44	-	-
	-	-	-	-	-	-	19,115.07	4.18
	-	-	-	-	40,346.25	5.10	43,785.49	9.59
	97,062.75	14.41	91,541.14	16.01	100,213.72	12.66	50,758.12	11.11
	23,557.22	3.50	21,836.25	3.82	-	-	-	-
	27,128.62	4.03	23,022.76	4.03	30,971.33	3.91	19,011.00	4.16
	1,216.29	0.18	2,423.67	0.42	34,827.85	4.40	2,176.64	0.48
	228,103.36	33.88	233,383.58	40.82	190,471.26	24.07	91,483.45	20.03
	29,271.13	4.35	28,217.20	4.94	15,134.16	1.91	6,718.34	1.47
	673,350.38	**100.00**	**571,702.97**	**100.00**	**791,476.80**	**100.00**	**456,768.13**	**100.00**

1

223,720.03 360,234.03

169,993.04 258,459.88 48.98%

45.51% 29.73% 38.38%

2018 12 31 136,514.00

61.02% 2018 10 H 290,669.78

2019 12 31 190,240.99

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52.81% Minera Exar 1.60

2

43,785.49

40,346.25 21,836.25 23,557.22

9.59% 5.10% 3.82% 3.50%

2017 2018

2019 12 31 18,510.00

3

50,758.12 100,213.72

91,541.14 97,062.75 11.11%

12.66% 16.01% 14.41%

2018 49,455.60

97.43% 14.15% 1

2 2018

31.50%

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	2020 3 31		2019 12 31		2018 12 31		2017 12 31	
		%		%		%		%
6	91,334.35	88.69	86,082.54	88.24	94,673.65	93.07	46,950.88	88.27
7-12	2,615.48	2.54	2,584.40	2.65	728.24	0.72	1,623.39	3.05
1-2	1,171.37	1.14	752.87	0.77	2,232.56	2.20	3,841.84	7.22
2-3	3,806.83	3.70	4,384.65	4.50	3,548.36	3.49	205.44	0.39
3	4,056.67	3.93	3,749.98	3.84	525.06	0.52	571.41	1.07
	102,984.70	**100.00**	**97,554.44**	**100.00**	**101,707.87**	**100.00**	**53,192.96**	**100.00**

1 48,574.27 95,401.89

88,666.94 93,949.83 91.32%

93.79% 90.89% 91.23%

A

B

C

1-6 7-12 10% 1-2 40%

2-3 80% 3 100%

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13,300.68

25,059.24 30,525.69 28,834.77

26.20% 25.69% 33.35% 29.71%

5% 5%

4

19,011.00 30,971.33

23,022.76 27,128.62 4.16% 3.91%

4.03% 4.03% /

2018

11,960.32

5% 5%

5

2,176.64 34,827.85

2,423.67 1,216.29 0.48% 4.40%

0.42% 0.18%

2018 12 31 32,651.21

29,425.24

2019 12 31 32,404.18

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1

5%

6

91,483.45 190,471.26

233,383.58 228,103.36 20.03%

24.07% 40.82% 33.88%

80%

	2020 3 31		2019 12 31		2018 12 31		2017 12 31	
		%		%		%		%
	120,012.42	52.61	128,123.52	54.90	128,449.84	67.44	54,858.38	59.97
	19,817.22	8.69	19,289.16	8.27	19,949.63	10.47	8,417.02	9.20
	68,636.52	30.09	61,222.77	26.23	38,454.41	20.19	24,166.34	26.42
	19,637.21	8.61	24,748.14	10.60	3,617.38	1.90	4,041.71	4.42
	228,103.36	**100.00**	**233,383.58**	**100.00**	**190,471.26**	**100.00**	**91,483.45**	**100.00**

2018 12 31 98,987.81

2018 2017

73,591.46 2018 4,500 8,000

63,341.00 2018 14,288.07

2019 12 31 2018 42,912.32

2018 22,768.36

2020 2018 16,518.92

2019 2018 21,130.76

3

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	2020 3 31		2019 12 31		2018 12 31		2017 12 31	
		%		%		%		%
	0.00	0.00	0.00	0.00	0.00	0.00	59,205.11	17.25
	28,419.46	3.25	38,603.48	4.54	44,291.72	7.74	0.00	0.00
	89.06	0.01	97.39	0.01	0.00	0.00	0.00	0.00
	373,366.00	42.70	367,954.61	43.31	185,358.39	32.38	79,503.76	23.17
	13.15	0.002	13.85	0.002	16.61	0.00	19.38	0.01
	201,529.75	23.05	207,029.90	24.37	149,774.00	26.17	79,526.06	23.18
	95,455.94	10.92	91,179.96	10.73	109,759.32	19.18	77,834.58	22.68
	2,265.47	0.26	3,148.08	0.37	0.00	0.00	0.00	0.00
	32,574.25	3.73	34,765.38	4.09	31,272.31	5.46	29,832.20	8.69
	3,855.03	0.44	3,716.63	0.44	2,491.15	0.44	79.83	0.02
	1,830.22	0.21	1,830.22	0.22	1,830.22	0.32	1,830.22	0.53
	2,466.40	0.28	2,569.05	0.30	2,425.03	0.42	2,790.33	0.81
	1,561.00	0.18	1,931.01	0.23	2,704.66	0.47	998.00	0.29
	130,954.99	14.98	96,760.66	11.39	42,476.85	7.42	11,522.40	3.36
	874,380.69	**100.00**	**849,600.21**	**100.00**	**572,400.27**	**100.00**	**343,141.87**	**100.00**

1

2017 22 ——

23 —— 24 ——

37 ——

2018 1 1 2018

59,205.11

59,205.11

59,205.11 44,291.72 38,603.48 28,419.46

17.25% 7.74% 4.54% 3.25%

2017 12 31

21,627.81 1 Pilbara 1,996.95

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1:6.5342 13,048.46

4,515.75 1:6.5342

29,506.84 2 2016

18,521.02

2018 12 31

14,913.39 1 Pilbara

3,135.43 1:6.8632

21,509.03 2

10,237.06

3 4,040.90

2020 3 31

	120.00
	3,242.63
	8,913.07
	515.77
Explorex	268.51
Pilbara	11,318.63
Silk Road Minerals Limited	354.52
PLS	686.44
	2,999.89
	28,419.46

2020 3 31

Explorex

Pilbara Silk Road Minerals Limited PLS

2

79,503.76 185,358.39

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367,954.61 373,366.00

23.17% 32.38% 43.31% 42.70%

2018 12 31 94,049.24

1 Minera Exar S.A 64,558.01

2 RIM RIM

14,192.92 3 Exar Capital B.V

Minera Exar S.A 17,442.31

2019 12 31 182,596.22

1 RIM 24,925.56 2

Cauchari-Olaroz Exar Captial B.V.

12,869.26 3 4,107.00

4 Minera Exar 1.60 111,461.50

5 Minera Exar S.A.

11,805.39

2020 3 31

	2,861.12
RIM	86,226.33
Minera Exar S.A.	192,334.63
	287.59
	35,229.20
Exar Captital B.V.	33,875.00
Bacanora Lithium Plc("Bacanora")	11,602.75
Sonora Lithium Ltd ("Sonora")	6,465.52
	196.51
	137.75
	4,149.60
	373,366.00

3

cninf 巨潮资讯 www.cninfo.com.cn

79,526.06 149,774.00 207,029.90

201,529.75 23.18% 26.17%

24.37% 23.05%

2018 12 31 2019 12 31

70,247.94 57,255.90 2017

	2020 3 31		2019 12 31		2018 12 31		2017 12 31	
		%		%		%		%
	50,375.079	25.00	51,020.95	24.64	35,086.00	23.43	23,341.34	29.35
	96,666.411	47.97	99,553.15	48.09	69,654.48	46.51	27,681.96	34.81
	916.138	0.45	869.92	0.42	673.44	0.45	535.03	0.67
	13,346.101	6.62	14,038.59	6.78	11,102.23	7.41	8,813.46	11.08
	40,226.026	19.96	41,547.29	20.07	33,257.84	22.21	19,154.29	24.09
	201,529.75	**100.00**	**207,029.90**	**100.00**	**149,774.00**	**100.00**	**79,526.06**	**100.00**

4

77,834.58 109,759.32

91,179.96 95,455.94

22.68% 19.18% 10.73% 10.92%

2018 12 31 31,924.74

“ 2.5 ”

26,064.41 A

“ ” “2.5 ”

2.5 5

76,585 2018 12 31 “2.5

” 32,260.30 3.1

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2019 12 31 18,579.37

“ ” “ 1.75

” “ 6 ” “

” 2019

5

29,832.20 31,272.31 34,765.38 32,574.25

8.69% 5.46% 4.09% 3.73%

	2020 3 31		**2019 12 31**		**2018 12 31**		**2017 12 31**	
		%		**%**		**%**		**%**
	17,394.17	53.40	17,491.27	50.31	15,847.95	50.68	13,289.22	44.55
	1,776.19	5.45	1,111.84	3.20	809.10	2.59	885.15	2.97
	561.76	1.72	3,161.92	9.10	3,709.94	11.86	3,975.66	13.33
	0.00	0.00	0.00	0.00	0.90	0.00	2.43	0.01
	45.71	0.14	99.20	0.29	69.38	0.22	90.68	0.30
	2,599.64	7.98	2,616.35	7.53	250.71	0.80	317.56	1.06
	10,164.42	31.20	10,250.64	29.49	10,541.65	33.71	11,246.18	37.70
	32.35	0.10	34.16	0.10	42.70	0.14	25.32	0.08
	32,574.25	**100.00**	**34,765.38**	**100.00**	**31,272.31**	**100.00**	**29,832.20**	**100.00**

6

1,830.22 1,830.22

1,830.22 1,830.22 0.53% 0.32%

0.22% 0.21%

	2020 3 31	**2019 12 31**	**2018 12 31**	**2017 12 31**
	792.64	792.64	792.64	792.64

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	2020 3 31	**2019 12 31**	**2018 12 31**	**2017 12 31**
	25,438.13	25,438.13	25,438.13	25,438.13
	-	1,830.22	1,830.22	1,830.22
	26,230.77	**28,060.99**	**28,060.99**	**28,060.99**
	2020 3 31	**2019 12 31**	**2018 12 31**	**2017 12 31**
	792.64	792.64	792.64	792.64
	25,438.13	25,438.13	25,438.13	25,438.13
	-	-	-	-
	26,230.77	26,230.77	26,230.77	26,230.77
	1,830.22	**1,830.22**	**1,830.22**	**1,830.22**

2011 2,040

51%

792.64

2012 542.34

2015 250.30

2015 7 11,010 16,499,678

25,475.58 36,485.58

25,438.13

A 2015 1,937

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B 2016 21,743.10

C 2017 1,758.03

2016

2017 4 2,000

100%

1,830.22

2019 12 31

7

11,522.40

42,476.85 96,760.66 130,954.99

3.36% 7.42% 11.39% 14.98%

2018 12 31 30,954.45

Exar

Capital B.V.

29,719.23

2019 12 31

2019 12 31

54,283.81

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		2020 3 31	2019 12 31	2018 12 31	2017 12 31
1	Mariana	15,790.36	15,302.58	8,204.27	6,094.67
2		-	-	2,000.00	2,000.00
3		2,668.95	1,639.11	246.52	2,120.89
4		112,495.67	79,818.97	31,026.07	1,306.84
5			-	1,000.00	-
		130,954.98	**96,760.66**	**42,476.86**	**11,522.40**

:1 4 5 “
”

2 6

	2020 3 31		2019 12 31		2018 12 31		2017 12 31	
		%		%		%		%
	391,969.50	56.03	325,885.65	56.16	383,221.05	69.13	281,432.88	71.14
	307,592.89	43.97	254,389.41	43.84	171,133.31	30.87	114,160.11	28.86
	699,562.39	**100.00**	**580,275.07**	**100.00**	**554,354.36**	**100.00**	**395,592.99**	**100.00**

395,592.99 554,354.36 580,275.07
699,562.39 281,432.88 383,221.05
325,885.65 391,969.50 71.14% 69.13%
56.16% 56.03% 114,160.11 171,133.31 254,389.41
307,592.89 28.86% 30.87% 43.84%
43.97%

50%
21.08

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	2020 3 31		2019 12 31		2018 12 31		2017 12 31	
	( )	%	( )	%	( )	%	( )	%
	211,271.30	30.20	113,099.11	19.49	132,185.40	23.84	117,987.29	29.83
	17,951.79	2.57	13,082.23	2.25	29,216.02	5.27	8,001.04	2.02
	57,760.10	8.26	91,417.53	15.75	102,680.82	18.52	41,205.70	10.42
	0.00	0.00	0.00	0.00	0.00	0.00	10,102.65	2.55
	2,897.58	0.41	3,904.57	0.67	4,605.01	0.83	0.00	0.00
	3,006.41	0.43	5,025.51	0.87	6,837.97	1.23	5,474.35	1.38
	12,393.42	1.77	11,521.96	1.99	31,035.73	5.60	33,087.85	8.36
	5,331.85	0.76	3,517.43	0.61	73,055.33	13.18	62,474.01	15.79
	81,357.06	11.63	84,317.32	14.53	3,604.78	0.65	3,100.00	0.78
	391,969.50	**56.03**	**325,885.65**	**56.16**	**383,221.05**	**69.13**	**281,432.88**	**71.14**
	195,453.60	27.94	143,021.93	24.65	70,611.26	12.74	31,988.92	8.09
	76,803.31	10.98	76,235.53	13.14	71,346.03	12.87	66,723.06	16.87
	1,975.72	0.28	2,687.70	0.46	0.00	0.00	0.00	0.00
	26,402.44	3.77	25,450.64	4.39	23,067.96	4.16	0.00	0.00
	990.63	0.14	860.56	0.15	238.68	0.04	6,384.56	1.61
	5,966.55	0.85	6,132.43	1.06	5,868.75	1.06	5,938.26	1.50
	0.63	0.00	0.63	0.00	0.63	0.00	3,125.31	0.79
	307,592.89	**43.97**	**254,389.41**	**43.84**	**171,133.31**	**30.87**	**114,160.11**	**28.86**
	699,562.39	**100.00**	**580,275.07**	**100.00**	**554,354.36**	**100.00**	**395,592.99**	**100.00**

1

153,076.21 206,401.44

339,822.00 488,081.95

38.70% 37.23% 58.56% 69.77%

	2020 3 31		2019 12 31		2018 12 31		2017 12 31	
	( )	%	( )	%	( )	%	( )	%
	211,271.30	43.29	113,099.11	33.28	132,185.40	64.04	117,987.29	77.08

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	2020 3 31		2019 12 31		2018 12 31		2017 12 31	
	( )	%	( )	%	( )	%	( )	%
	81,357.05	16.67	83,700.96	24.63	3,604.78	1.75	3,100.00	2.03
	195,453.60	40.04	143,021.93	42.09	70,611.26	34.21	31,988.92	20.90
	488,081.95	**100.00**	**339,822.00**	**100.00**	**206,401.44**	**100.00**	**153,076.21**	**100.00**
/ (%)		69.77		58.56		37.23		38.70
	289,081.95	59.23	277,822.00	81.76	89,701.44	43.46	74,873.61	48.91
	82,000.00	16.80	28,000.00	8.24	66,700.00	32.32	41,568.40	27.16
	117,000.00	23.97	34,000.00	10.01	50,000.00	24.22	36,634.20	23.93

77.08% 64.04% 33.28% 43.29%

2018 12 31 38,622.34

2020 3 31 136,132.63

Minera Exar

2

8,001.04 29,216.02

13,082.23 17,951.79 2.02% 5.27% 2.25%

2.57%

2018 12 31 21,214.98

3

41,205.70 102,680.82

91,417.53 57,760.10 10.42% 18.52%

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15.75% 8.26%

2018 12 31 61,475.12

5% 5%

4

33,087.85 31,035.73
11,521.96 12,393.42 8.36% 5.60% 1.99%
1.77%

2019
12 31 19,513.77
2019
2019 47,446.81
2018 103,011.17 2019
2018 12,655.97 2018
6,361.75

5

62,474.01 73,055.33
3,517.43 5,331.85 15.79% 13.18% 0.61%
0.76%

2018 12 31 2017 10,737.96
9,704.60 2018 5
2 55 212.308
45.71 /

cninf 巨潮资讯 www.cninfo.com.cn

2019 12 31 2018 69,537.90

68,517.37

2020 3 31

	1,132.40	21.24%
	1,714.50	32.15%
	2,484.95	46.61%
	5,331.85	**100.00%**

	2020 3 31	**2019 12 31**	**2018 12 31**	**2017 12 31**
	1.72	1.75	2.07	1.62
	1.14	1.04	1.44	1.30
	45.20%	40.83%	40.65%	49.45%
	48.38%	41.49%	41.39%	48.92%
	2020 1-3	**2019**	**2018**	**2017**
	1.38	3.26	13.91	31.16

1 = /

2 = /

3 = /

4 = /

1

1

1.62 2.07 1.75 1.72

2018 27.78%

2018

334,708.67 73.28%

1 2018 136,514.00 61.02%

2018 10 H 2 2018

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98,987.81 108.20%

3 2018 49,455.60 97.43%

2018 31.50%

4 2018 32,651.22 1,500.08%

29,425.24 2018

101,788.17 36.17%

2017

82,690.10

2019 2018 15.46%

219,773.82 27.77% Minera Exar

1.60

190,240.99 52.81% 2018

57,335.39 14.96%

2

1.30 1.44 1.04 1.14

2018 20.77% 2018 H

2019 27.78% 2019

2019 52.81%

22.53%

2019

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2

49.45% 40.65% 40.83%

45.20%

2018 8.80

2018 10 290,669.78 H

21.08

51.97% A

3

31.16 13.91 3.26 1.38

2018 2017 55.36% 1

24,057.97 2

2018 2018

12,366.28 3

Minera Exar S.A. 11,805.39

2018 11,805.39 2018

2017 23,385.98 13.45% 3 2018

3,270.85 56.74%

2019 2018 76.56% 1

2019

2019

cninf 巨潮资讯 www.cninfo.com.cn

30.50% 2

2019

17,562.15 2019 103,011.17

68.47% 3 2019

2018 11,464.40 126.89%

2019

4

1

2017 2018

2019 50,386.61 68,523.19

66,928.61

185,838.41 58.65%

2017 “1.5

” 31,157.82 “2 ”

78,940.56

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2020 3 31

164.15 52.85

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2020 3 31

2020 3 31

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		2020 3 31	**2019 12 31**	**2018 12 31**	**2017 12 31**
	002466.SZ	0.17	0.29	0.88	3.11
	002460.SZ	1.72	1.75	2.07	1.62
		2020 3 31	**2019 12 31**	**2018 12 31**	**2017 12 31**
	002466.SZ	0.13	0.25	0.75	2.92
	002460.SZ	1.14	1.04	1.44	1.30
		2020 3 31	**2019 12 31**	**2018 12 31**	**2017 12 31**
	002466.SZ	81.71%	80.88%	73.26%	40.39%
	002460.SZ	51.97%	40.83%	41.39%	48.92%
		2020 1-3	**2019**	**2018**	**2017**
	002466.SZ	0.28	-1.19	9.75	28.17
	002460.SZ	1.38	3.26	13.91	31.16

Wind

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2017

H

2018

	2019	2018	2017
	5.57	6.63	9.22
	65	55	40
	1.93	2.27	3.60
	187	159	100

1 = /

2 =360 /

3 = /

4 =360 /

1

2017 2018 2019 9.22

6.63 5.57

2018 2.59 2018

49,455.60 97.43% 2018

2018

2017 2018 2019 40

55 65 2

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2017 2018 2019 3.60 2.27

1.93

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		2019	**2018**	**2017**
	002466.SZ	10.41	13.84	20.52
	002460.SZ	5.57	6.63	9.22
		2019	**2018**	**2017**
	002466.SZ	2.85	3.90	3.45
	002460.SZ	1.93	2.27	3.60

3.60 4.49 4.92 5.76 4.26 4.21 2017

2018 2019

2017 2018

2018 2019

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	2020 1-3		2019		2018		2017	
		%		%		%		%
	107,143.64	99.31	525,618.48	98.40	490,788.22	98.08	420,829.36	96.00
	740.49	0.69	8,553.54	1.60	9,600.07	1.92	17,515.25	4.00
	107,884.13	**100.00**	**534,172.02**	**100.00**	**500,388.29**	**100.00**	**438,344.61**	**100.00**

96%

2017 2017

2018 RIM

2018 2017 7,915.18

2

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		2020 1-3		2019		2018		2017	
			%		%		%		%
		12,597.59	11.76	66,622.03	12.67	97,477.96	19.86	82,568.21	19.62
		13,670.17	12.76	128,763.80	24.50	132,204.85	26.94	171,845.86	40.84
		46,021.92	42.95	179,230.68	34.10	143,269.85	29.19	64,401.27	15.30
		3,084.24	2.88	26,171.39	4.98	27,460.12	5.60	34,342.92	8.16
		4,324.29	4.04	14,071.62	2.68	13,143.86	2.68	9,817.84	2.33
		233.53	0.22	1,231.56	0.23	3,342.15	0.68	10,123.03	2.41

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		20,833.71	19.44	60,287.33	11.47	37,653.05	7.67	28,634.50	6.80
		6378.18	5.95	49,240.09	9.37	36,236.37	7.38	19,095.73	4.54
		107,143.63	**100.00**	**525,618.50**	**100.00**	**490,788.21**	**100.00**	**420,829.36**	**100.00**

75%

2018 69,958.86 16.62%

2018 14,909.75

18.06%

64.77 / 71.78 / 10.82%

2018 28,889.91

9.94% 2018

1 2018

78,868.58 122.46%

2018 6,287.29

101.42% 10.27 / 11.45 /

11.49% 2 2018 39,641.01

23.07%

2018 2017

12.33 / 9.36 / 24.09%

2018 9,018.55

31.50%

3C

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2018 21,598.07 97.70%

2019 34,830.27 7.10%

2019 30,855.93

31.65%

71.78 / 60.34 / 15.94%

2019 30,048.22

9.41% 2019

1 2019 35,960.83

25.10%

2019

7,732.45 61.93%

11.45 / 9.22 / 19.48% 2 2019

3,441.05 2.60% 2019

9.36 / 6.33

/ 2019

2018 6,936.61 50.17%

2019 22,634.28

60.11%

3C

3C

2019 34,986.66 42.65%

2020 1-3 25,106.19

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18.88% 1

17,558.94 21.79%

2019

2020

6.44 / 4.41 /

2019 18,684.18

57.75% 8.88 / 7.36

/

2019 5,136.04 12.56% 2

5,650.53

37.22% 2020 3C

2

	2020 1-3		2019		2018		2017	
		%		%		%		%
	68,115.84	63.57	342,090.53	65.08	300,277.57	61.18	351,906.63	83.62
	39,027.80	36.43	183,527.95	34.92	190,510.65	38.82	68,922.73	16.38
	107,143.64	**100.00**	**525,618.48**	**100.00**	**490,788.22**	**100.00**	**420,829.36**	**100.00**

351,906.63 300,277.57

342,090.53 68,115.84 83.62% 61.18%

65.08% 63.57%

2018

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		2020 1-3		2019		2018		2017	
			%		%		%		%
		2,968.69	13.98	24,473.94	19.66	49,721.23	27.99	37,129.06	21.76
		-252.41	-1.19	13,694.84	11.00	42,169.93	23.74	83,300.41	48.81
		12,065.41	56.83	62,542.71	50.25	59,730.17	33.62	30,082.72	17.63
		726.89	3.42	6,523.45	5.24	9,073.63	5.11	14,058.12	8.24
		1,782.64	8.40	5,618.75	4.51	5,252.75	2.96	3,601.87	2.11
		-185.77	-0.88	190.99	0.15	692.81	0.39	1,155.17	0.68
		2,802.92	13.20	8,316.55	6.68	3,136.72	1.77	-2,044.57	-1.20
		-5,289.65	-24.92	3,102.41	2.49	7,882.34	4.44	3,369.88	1.97
		21,230.44	**100.00**	**124,463.63**	**100.00**	**177,659.59**	**100.00**	**170,652.67**	**100.00**

169,327.35

166,640.52 113,044.68 17,105.45

99.22% 93.80% 90.83% 80.57%

2018 7,006.92 4.11%

1 49,721.23 12,592.17

33.91% 2017

64.77 / 71.78 / 10.82%

2018 18.06%

2.64%

2018

2 116,919.29

15,279.00 11.56% 1

2018 2018

29,647.45 98.55% 2 2018

24.09% 2018

41,130.48 49.38%

3 3,136.72

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5,181.29 253.42% 2017
2018
31.50%
2019 2018 53,195.96
29.94%

1 24,473.94 2018 25,247.29
50.78% 2019
71.78 / 60.34 /
15.94%

2 88,570.74 2018
28,348.55 24.25%

2019
6.33 / 2018 9.36 /
32.37%
2019 2018
150.17%

2019
27.80%
2018 28,475.09 67.52%

3 8,316.55 2018
5,179.83 165.14% 2019
3C
2019
60.11%
50.57%

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2017 2022

22.9 52.6 LCE 18% 80%

2017 22% 2022 54%

CRU 2022 2017

300 2022 860

2012-2020 2020

500

58%

50% 27% 23%

2018 127

100.56% 2018 125.6

102.43%

OEM 10

2

80%

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	2020 1-3		2019		2018		2017	
		%		%		%		%
	85,913.20	98.89	401,154.85	98.17	313,128.63	97.94	250,176.69	95.87
	965.50	1.11	7,466.11	1.83	6,599.51	2.06	10,765.29	4.13
	86,878.70	**100.00**	**408,620.96**	**100.00**	**319,728.14**	**100.00**	**260,941.98**	**100.00**

260,941.98 319,728.14

408,620.96 86,878.70

250,176.69 313,128.63 401,154.85 85,913.20

95.87% 97.94% 98.17% 98.89%

1

70%

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		2020 1-3		2019		2018		2017	
			%		%		%		%
		9,628.90	11.21	42,148.09	10.51	47,756.73	15.25	45,439.15	18.16
		13,922.58	16.21	115,068.96	28.68	90,034.92	28.75	88,545.45	35.39
		33,956.51	39.52	116,687.97	29.09	83,539.68	26.68	34,318.55	13.72
		2,357.35	2.74	19,647.94	4.90	18,386.49	5.87	20,284.80	8.11
		2,541.65	2.96	8,452.87	2.10	7,891.11	2.52	6,215.97	2.48
		185.77	0.22	1,040.57	0.26	2,649.34	0.85	8,967.86	3.59
		18,030.79	20.99	51,970.78	12.96	34,516.33	11.02	30,679.07	12.26
		5,289.65	6.15	46,137.68	11.50	28,354.03	9.06	15,725.85	6.29
		85,913.20	**100.00**	**401,154.86**	**100.00**	**313,128.63**	**100.00**	**250,176.70**	**100.00**

203,771.78 250,258.27 303,046.40 62,592.76

81.44% 79.92% 75.55% 72.86%

1 2018

2019

2018 11.74%

2 2018

2018 6

1.68% 2019 2018

25,034.04 27.80%

2018 50.17%

3 2018 101.42%

49,221.13 143.42% 2019

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2018 61.93% 2018

33,148.29 39.68%

30,679.07

34,516.33 51,970.78 18,030.79

12.26% 11.02% 12.96% 22.99% 2017-2019

2018 2017 3,837.26

12.51% 2019 3C

60.11%

50.57%

2

		2020 1-3		2019		2018		2017	
			%		%		%		%
		61,440.75	71.52	321,473.64	78.68	255,289.58	81.53	207,106.05	82.78
		5,666.06	6.60	23,786.71	5.82	10,690.51	3.41	11,800.31	4.72
		5,444.43	6.34	20,286.59	4.96	11,769.84	3.76	7,259.23	2.90
		1,855.24	2.16	9,597.65	2.35	7,321.23	2.34	5,059.39	2.02
		16.54	0.02	296.47	0.07	261.1	0.08	153.3	0.06
		4,680.52	5.45	23,766.72	5.82	16,693.42	5.33	12,001.27	4.80

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	2020 1-3		2019		2018		2017	
		%		%		%		%
	6,552.3	7.63	33,660.84	8.24	24,275.75	7.75	17,213.97	6.88
	6,801.81	7.92	9,413.18	2.30	11,102.94	3.55	6,797.13	2.72
	85,905.35	**100.00**	**408,620.96**	**100.00**	**313,128.63**	**100.00**	**250,176.69**	**100.00**

82.78% 81.53% 78.68% 71.52%

3

	2020 1-3		2019			2018			2017	
	2,329.93	2.16%	27,285.54	5.11%	-3.68%	28,329.02	5.66%	106.81%	13,697.89	3.12%
	2,160.63	2.00%	7,959.99	1.49%	27.30%	6,252.73	1.25%	64.71%	3,796.21	0.87%
	1,859.48	1.72%	6,253.06	1.17%	-24.07%	8,235.18	1.65%	54.78%	5,320.70	1.21%
	6,637.22	6.15%	7,033.39	1.32%	-14.21%	8,198.79	1.64%	53.15%	5,353.58	1.22%
	12,987.26	**12.04%**	**48,531.98**	**9.09%**	**-4.87%**	**51,015.71**	**10.20%**	**81.11%**	**28,168.38**	**6.43%**

2018 2018

15 2017

28,168.38 51,015.17 48,531.98

12,987.26 6.43% 10.20% 9.09% 12.04%

1

13,697.89 28,329.02 27,285.54

2,329.93 3.12% 5.66% 5.11% 2.16%

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2018 14,631.11 106.81%

1 2018 2017

12,366.28

134.38% 2 2018 H 2,500.93

2

3,796.21 6,252.73 7,959.99

2,160.63 0.87% 1.25% 1.49% 2.00%

2018 64.71%

3

5,320.70 8,235.18 6,253.06

1,859.48 1.21% 1.65% 1.17% 1.72%

2018 2,914.48 54.78%

1 1,938.82

61.31% 2 2018

204.81 40.68% 339.01

39.90%

4

5,353.58 8,198.79 7,033.39

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6,637.62 1.22% 1.64% 1.32% 6.15%

2018 2,845.21 53.15%
1 2017 2017
92,800 3,235.24 2
2018 3,172.98
3 2018 H IPO 29
3,263.96

2020 1-3
2020 3 31 231,960.91
90.57%

4

2,953.00 744.53
7881.88 109.66 0.67% 0.15% 1.48%
0.10%

	2020 1-3	**2019**	**2018**	**2017**
	98.8	1,555.60	213.18	2,016.13
	4.09	2,145.50	461.13	-821.16
	-	-	9.24	0.00
	-	-	0.00	1,758.03
	-	2,178.19	**–**	**–**
	6.76	31.84	60. 98	**–**
	-	1,970.75	**–**	**–**
	109.66	**7,881.88**	**744.53**	**2,953.00**
	107,884.13	534,172.02	500,388.29	438,344.61

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%	0.10	1.48	0.15	0.67

5

1

9.14 13,893.15 328.35
48.02 0.01% 10.36% 0.92%
6.20%

2018 2017 13,884.01 1

2,046.31 2 Minera Exar
Minera Exar 11,805.39

	2020 1-3	**2019**	**2018**	**2017**
	0.00	94.40	2,046.31	0.00
	48.02	233.95	41.46	9.14
Minera Exar	0.00	0.00	11,805.39	0.00
	48.02	**328.35**	**13,893.15**	**9.14**
	774.61	35,807.10	134,134.08	146,907.81
%	6.20	0.92	10.36	0.01

2017 5 10 16 --
[2017]15

2017 1 1
4,875.58 “ ” “ ”

2

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1,633.90 485.83 412.66
78.25 1.11% 0.36% 1.15%
4.32%

:

	2020 年 1-3 月	2019 年度	2018	2017
	-	0.00	0.00	1,264.44
	76.56	72.74	77.26	205.45
	-	311.63	0.00	118.02
	1.59	-	402.76	0.00
	0.1	28.29	5.82	46.00
	78.25	**412.66**	**485.83**	**1,633.90**
	774.61	35,807.10	134,134.08	146,907.81
%	**4.32**	**1.15**	**0.36**	**1.11**

6

25,747.62 17,484.02 16,216.90
2,838.15 17.53% 13.03%
45.29% 366.40%

2018 2019 RIM

7

6,188.52 15,756.27 5,481.74
881.16

2017 5 10 16 --
[2017]15

2017 1 1
2017 1 1 “
” “ ”

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1

	2020 1-3	**2019**	**2018**	**2017**
	23.57%	36.74%	51.01%	44.97%
	-1.85%	10.64%	31.90%	48.47%
	26.22%	34.90%	41.69%	46.71%
	13.45%	13.79%	8.33%	-7.14%
	19.47%	**23.50%**	**36.10%**	**40.47%**

40.47% 36.10% 23.50% 19.47%

2018 2017 4.37

1 6.04

64.77 / 71.78 /

10.82%

2.64%

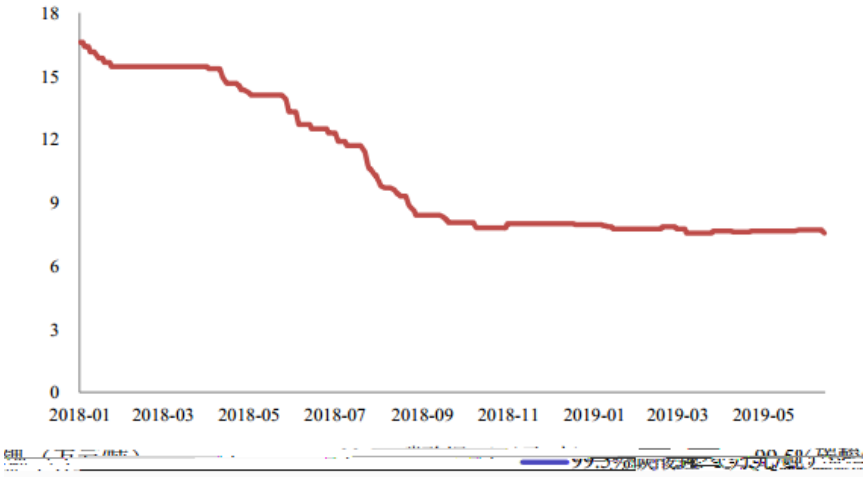
2 31.90% 16.58

2018

2017 24.09%

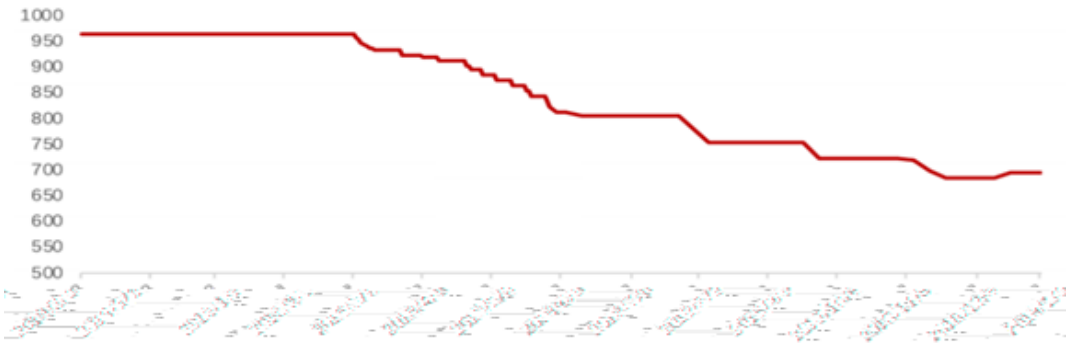
23.07%

cninf 巨潮资讯 www.cninfo.com.cn



RIM 2018 6

Li2O 5% /



3 5.02

6,199.00 12,486.29

101.42% 11.49%

35.85%

4 15.47 3C

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31.50% 12.51%

2018 1.74%

2019 2018 12.60

1 2018 14.27 2019

2018 15.94%

31.65%

11.74%

2 10.64% 2018 21.26

2019 2018

32.37% 2018 2.60%

2019 1.75

57.17% 2019

2018 27.80% 2019

3 34.90% 2018 6.79

2019

2018 19.48%

61.93% 25.10%

2018 39.68%

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4 13.79% 2018 5.46 2019

3C

60.11%

2018 50.57%

2

		2019	**2018**	**2017**
	002466.SZ	56.56%	67.60%	70.14%
	002460.SZ	23.50%	36.10%	40.47%

Wind

2019

68.81%

3

1

75% 10%

10%			
	2019	**2018**	**2017**
	5.31%	5.40%	4.65%
	10.26%	7.32%	9.69%
	14.28%	7.93%	3.63%

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10%			
	2019	2018	2017
	4.80%	2.08%	1.61%

2017 39.20%

2018 26.42%

2018 2019

28.63% 33.55%

2

10%

10%			
	2019	2018	2017
	-25.89%	-14.43%	-12.18%

82.78% 81.53% 79.56%

27,493.37 8,522.82

-33,635.23 -6,411.23

18.71% 6.35% -93.93% -827.67%

2017 27,493.37

2016 18,521.02

2018 8,522.82

15,756.27 Minera Exar

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11,805.39 Pilbara

-16,765.34

2019 -33,635.23 Pilbara

-38,614.53

	2020 1-3	2019	2018	2017
	-2.66	-1,315.06	-77.41	-1,259.07
	881.16	5,481.74	15,756.27	6,188.52
	-	-	11,805.39	-
	-6,826.34	-38,614.53	-16,765.34	6,734.80
	-30.23	-84.31	1,601.93	-360.33
	0.00	0.00	0.00	18,521.02
	433.15	-896.93	3,798.03	2,331.57
	-6,411.23	**-33,635.23**	**8,522.82**	**27,493.37**
	774.61	35,807.10	134,134.08	146,907.81
%	-827.67	-93.93	6.35	18.71

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	2020 1-3	2019	2018	2017
	-13,858.04	66,928.61	68,523.19	50,386.61
	-41,805.80	-282,266.90	-236,003.79	-85,019.23
	154,584.01	24,077.65	272,067.15	233,666.26

50,386.61

68,523.19 66,928.61 -13,858.04

90%

75%

2018 18,136.58

2018

13,742.63

2019 1,594.58

2019

6,363.93

-84,019.23 -236,003.79

-282,266.90 -41,805.80

“ ”

35,291.53 119,838.23 81,416.74

8,166.17 72,683.50 173,610.70

240,487.56 9,591.38

233,666.26 272,067.15

24,077.65 154,584.01

2018 H 290,669.78

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2019

cninf 巨潮资讯 www.cninfo.com.cn

A 210,800

210,800

1	Minera Exar	107,200	107,200
2		76,585	47,300
3		56,300	56,300
		240,085	**210,800**

1	Minera Exar		[2019]390	N360020191 00036	3536050020 1304236387	
2		2018 0030318 2017	2019-360598-26-3-000367			[2019]65

cninf 巨潮资讯 www.cninfo.com.cn

		001979B				
3						

2019 4 29

A 2019 8 13 2019

2019 A 2019 H

A

2020 2 7

A 2020 3 30

A

2020 5 26 2020

2020 A

1 Minera Exar

2019 4 1

Minera Exar

2019 6 11 2018 2019

A 2019 H

Minera Exar

2019 4 29

Minera Exar 12.5%

[2019]390

2019 4 23

N3600201900036

2019 5 22

353605002013042363 87

cninf 巨潮资讯 www.cninfo.com.cn

2

2019 1 10

2019-360598-26-3-000367

2019 11 28

[2019]65

A

1

1

2012-2020

2025

2017 3 1

2017 4 25

2020 200

300 / 350 /

260 / 1 / 2025

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20% 350 /

2018 7 25

2020 200

80%

2019 6 6

2019-2020

“ ” “ ” “

”

2

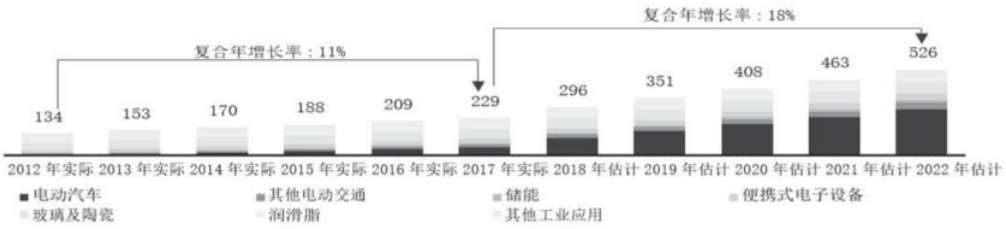
CRU 2017 2022

22.9 52.6 LCE

18% 80%

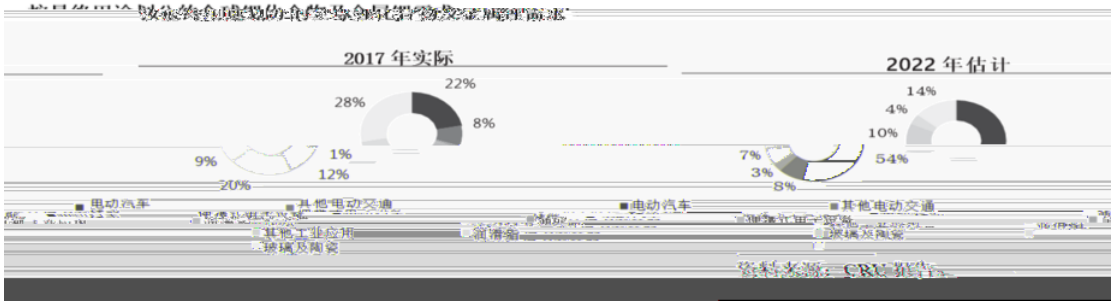
2017 22% 2022 54%

全球锂化合物及金属锂需求，2012 年至 2022 年（千吨 LCE）



资料来源：CRU 报告。

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(GGII) 2018 (

) 3,200 2017 15%

1,550

GGII 2018 102GWh 27%

63.7% 65GWh 46%

59.9%

2018 127

125.6 2015 272.98% 279.34%

2016-2025 2020

200 2025

20%

2018

5.88GWh 40%

10%

2025

CRU 2017 2022

5%

2017 2022

2.8% 2022 15 LCE

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2

40

Minera Exar 2018

37.5%

Minera Exar 50%

Minera Exar 4 2

Minera Exar 6

3

Minera Exar Minera Exar

Minera Exar

Minera Exar

51% Minera Exar 5

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Minera Exar

Minera Exar Minera Exar

Cauchari-Olaroz 100%

4.0

Minera Exar

1

1

2018 8 13

Minera Exar 37.5%

SQM Minera Exar 50% Minera Exar

Minera Exar 470 Minera Exar

Minera Exar 50%

Minera Exar37.50% Minera Exar 62.50%

Minera Exar

SQM		50%	-
		50%	62.50%
		-	37.50%
		100%	100%

2020 3 100% 16.70%

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2018 12 31

2

1.60 Minera Exar 1.41

Minera Exar 50%

10.72

2 Minera Exar

1

	MINERA EXAR SOCIEDAD ANONIMA
	564,067,777
	2006 7 12
	Palma de Carrillo 54, Planta Baja Of. 7, San Salvador de Jujuy (4600) Argentina
	Jujuy

2

Minera Exar

Minera Exar Jujuy

Cauchari-Olaroz 100%

4.0

1

Minera Exar

Cauchari-Olaroz

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Minera Exar

2

Minera Exar

Minera Exar

Minera Exar

3

Minera Exar ——

Cauchari-Olaroz 4.0 75%

25%

4

Minera Exar

3

Cauchari-Olaroz

“ ” “ ”

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2018 65GWh

46%

“

”

2013 “

”

30-55

2018 127 125.6

59.9% 61.7% 2019 30.4

29.9 102.7% 109.7%

2012-2020 2020

200 40%

2020-2025

cninf 巨潮资讯 www.cninfo.com.cn

2025

500

(GBII) 2016

4.50 29.31% 2020

10.99 2016 2.44

EVsales 2018 200

201.83 2.1% 2017

10.30 2018 24.52 138.06%

2020 50 51.96%

2020

2025 2025

15%-25% 2025

2025 1.2 15%-25%

2025 1800 -3000

	2022
	2025 25
	2020 2025 40 150 MEB 2020 650
	2020 10 2025
	2022 12
	2025 10
	2020 9 10%
	2020 10 10 2021 20
	2020 10 2025

Marklines

cninf 巨潮资讯 www.cninfo.com.cn

3 Cauchar-Olaroz

Minera Exar Cauchari-Olaroz

100% 4.0 Cauchar-Olaroz



1

2019 3 MONTGOMERY ASSOCIATES NI43-101 Updated Mineral Resource Estimate for the Cauchari-Olaroz Project

	/	**354 /**	
	587	651,100	3,465,700
	580	2,726,300	14,511,500
	581	3,377,400	17,977,200
	602	957,400	5,096,000

2

cninf 巨潮资讯 www.cninfo.com.cn

Updated Mineral Resource Estimate for the Cauchari-Olaroz Project

Jujuy

	Minera Exar
	Salar Cauchari and Salar Olaroz, Jujuy. The salars extend in a north-south direction from S23°18'to S24°05'and in an east-west direction from W66°34'to W66°51'
	Jujuy

Jujuy 2009 8 26 25/09

Cauchari-Olaroz

2017 2

2017 9 19 008/17 Minera Exar

Cauchari-Olaroz

2011 12 2012 11 8

29/2012 2.5

4

2017 2 2017 10 5 010/2017

Minera Exar

Cauchari-Olaroz

cninf 巨潮资讯 www.cninfo.com.cn

			Minera Exar	
1.	La Yaveña	27-R-2000	( )	1,119
2.	Luisa	61-I-1998		4,706
3.	Arturo	60-I-1998		5,100
4.	Angelina	59-I-1998		2,346
5.	Clotilde	121-D-1944/1642-M-2010		100
6.	Eduardo Daniel	120-M-1944	( )	100
7.	Saenz Peña	354-C-1944		300
8.	Demasía Saenz Peña	354-C-1944		100
9.	Linda	160-T-1944		100
10.	María Teresa	378-C-1944		100
11.	Archibald	377-C-1944		100
12.	Delia	42-E-1944		100
13.	Graziella	438-G-1944		100
14.	Montes de Oca	340-C-1944		100
15.	Juancito	339-C-1944		100
16.	Unión	336-C-1944		300
17.	Julia	347-C-1944		300
18.	Mascota	394-B-1944		300
19.	Uno	345-C-1944		100
20.	Dos	344-C-1944		100
21.	Tres	343-C-1944		100
22.	Cuatro	352-C-1944		100
23.	Cinco	351-C-1944		100
24.	Zoila	341-C-1944		100
25.	Chin Chin Chuli II	201-C-2004	( )	941
26.	Victoria I	65-E-2002		300
27.	Cauchari Este	1149-L-2009		5860
28.	Irene	140-N-1992		200

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			Minera Exar	
29.	Minerva	37-V-2002	( )	250
30.	Hekaton	150-M-1992		200
31.	San Antonio	72-M-1999		2165
32.	Miguel	381-M-2005	( )	100
33.	Verano I	299-M-2004		2448
34.	Tito	48-P-1998		200
35.	Chico	1231-M-2009		300
36.	Chico III	1251-M-2009	( )	1400
37.	Chico IV	1252-M-2009		1100
38.	Payo III	1517-M-2010	( )	2505
39.	Payo IV	1518-M-2010	( )	3003
40.	Payo V	1519-M-2010	( )	896
41.	Payo VI	1520-M-2010	( )	2800
42.	Payo VII	1521-M-2010	( )	2999
43.	Payo VIII	1522-M-2010	( )	1343
44.	Sulfa 6	70-R-1998		1395
45.	Sulfa 7	71-R-1998		1667
46.	Sulfa 8	72-R-1998		1417
47.	Sulfa 9	67-R-1998		1336
48.	Jorge	62-L-1998		2461
49.	Alegr á 1	1337-M-2009	( )	3000
50.	Alegr á 2	1338-M-2009	( )	3000
51.	Alegr á 4	1339-M-2009	( )	3000
52.	Alegr á 3	1340-M-2009	( )	999

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			Minera Exar	
53.	Alegr á 5	1341-M-2009	( )	793
54.	Alegr á 7	1342-M-2009	( )	31
55.	Alegr á6	1343-M-2009	( )	1277
56.	N élida	56-C-1995	( )	100
57.	Eduardo	183-D-1990		100
58.	Mar á Angela	177-Z-2003	( )	100
59.	Valentina	2432-M-2018	“ ”	/
60.	Isabella	2433-M-2018	“ ”	2986.25
61.	Isabella I	2434-M-2018	“ ”	3000
62.	La inundada	669-G-1956		100
63.	Inundada Este	721-G-1957		100
64.	Inundada Sur	789-G-1957		100
65.	Jujuy	725-G-1957		100
66.	Susques	726-G-1957		100
67.	Osiris	263-M-1944		100
68.	Becerro de Oro	264-M-1944		100
69.	Alsina	48-H-1944		100
70.	San Nicolas	191-R-1944		100
71.	Sarmiento	190-R-1944		100
72.	Porvenir	116-D-1944		100
73.	Alicia	389-B-1944		100
74.	Clarisa	402-B-1944		100
75.	Demasia Clarisa	402-B-1944		19
76.	In és	220-S-1944		100
77.	Maria Central	43-E-1944		100
78.	Maria Esther	259-M-1944		100
79.	Sahara	117-D-1944		300
80.	Paulina	195-S-1944		100
81.	Siberia	206-B-1944		24

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			Minera Exar	
82.	Julio Roca	444-P-1944		100
83.	Elena	353-C-1944		300
84.	Emma	350-C-1944		100
85.	Uruguay	89-N-1944		100
86.	Avellaneda	365-V-1944		100
87.	Buenos Aires	122-D-1944		100
88.	Moreno	221-S-1944		100
1.	Cauchari Norte	349-R-2005		998
2.	Cauchari Sur	1072-L-2008		1599
3.	Cauchari Oeste	1440-M-2010		9751

1 5 35 37

2 Usufruct

3 Discovery Claim

4

1

10

		LCE	
SQM	Atacama	800	6.4
ALB			
Livent	Hombre Muerto	400	1.4
		LCE	
		718	1800

cninf 巨潮资讯 www.cninfo.com.cn

		248	37
		268	61

USGS

MONTGOMERY ASSOCIATES

2019 3 Minera Exar Cauchari-Olaroz

1,798 LCE 2.37

2

SQM 2016 2017 3,520 / LCE

3,761 / LCE 2.39 / LCE 2.56 / LCE

6.8 Galaxy Cattlin 400-550

/ 1%-1.5%

“ ” Minera Exar

2018 12 31 [2019]

1008

7.78

			-	
	7.78	8.0	0.22	2.83%
	8.09		-0.09	-1.11%

Minera Exar100% 8.0

7.78 0.22

2.83%

Cauchari-Olaroz

7

Minera Exar 1.6

Gowling WLG (Canada)

LLP GFL Minera Group

GFL Minera Group Gowling WLG (Canada) LLP

Minera Exar

2019 5 22

cninf 巨潮资讯 www.cninfo.com.cn

35360500201304236387

2019 8 17

8

Minera Exar

9

Minera Exar 37.5%

Minera Exar

10

Minera Exar 50% Minera Exar Cauchari-Olaroz 4.0 75% Cauchari-Olaroz LCE 1,798 2.37

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1

2018 9 25

2.5

50,000 2.5

A

2019 4 29

2.5

2.5

5

50,000 76,585

A

“ ” 2.5

5 76,585 49,685

26,900 47,300

2

1

cninf 巨潮资讯 www.cninfo.com.cn

NCA

GGII 2018

27.5 28.5% 13.68

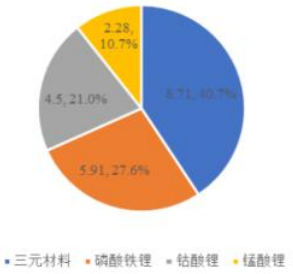
57.06% 5.84 1.2%

20% 15%

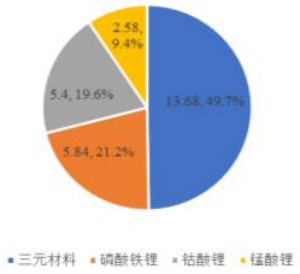
2018 49.7% 2017 9

2017 年、2018 年中国正极材料产品出货量结构（万吨）

图：2017年中国正极材料产品结构



图：2018年中国正极材料产品结构



数据来源：高工锂电

GGII 2018 NCM 230

33% NCM

3C

NCM

2014-2023 年中国 NCM 三元正极材料市场规模（单位：亿元）



数据来源：GGII

cninf 巨潮资讯 www.cninfo.com.cn

“

”

2013 “

”

2017

2

Roskill 2017

2016 25,600 LCE/ 2026 566,300 LCE/

2016-2026 47%

275mAh/g

170mAh/g 150mAh/g

2020

300Wh/kg 350Wh/kg 260Wh/kg

160-180Wh/kg

90-130Wh/kg 2017

2020 71.6GWh

22% 70%

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2015 34.05 33.11 2018

127 125.6 2015 272.98%

279.34% 2012-2020

2020 200 40%

2016-2025

2025 20%

45KWh 40-50

2017 1 1

2020-2030 7

2025 15%-25% 2025

15% 25% 2025

200-300 20%-25%

OEM

2018 2020

20%

LG 2019

2025 LG

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3

					+ /
	2019	24,000.00	22,915.12	939.45	99.39%
	2018	16,000.00	14,290.33	445.95	92.10%
	2017	8,000.00	6,553.64	363.00	86.84%

1 = + /

90%

3

α

α β

1

β 0.074mm

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β 250

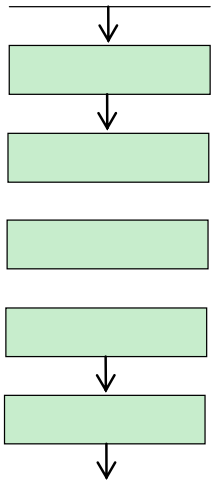
2

5

3

4

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cninf 巨潮资讯 www.cninfo.com.cn

4

——

Li_2O

Li_2SO_4 LiCl

“ ”

ZL201210072089.3

5

1

2

5

50,000t/a

100,250t/a 198,180t/a 160t/a

1220t/a

6

RIM Mount Marion 270 LCE

2017 2019 2020

192,570 Pilgangoora

708 LCE

16 31

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7

8

1

GB9078-1996

GB16297-1996

GB3095-1996

GB12348-2008 2

2

A

NOx SO_2

cninf 巨潮资讯 www.cninfo.com.cn

≤30mg/Nm^3 25m

19

393,415Nm^3/h

CEMS

B

C +

95% 99.8%

D

28.97t/h

GB8978-1996

“ ”

40%-60%

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$Si0_2+A1_20_3>65\%$

(ASR)

I

II

9

1

76,585 49,685 26,900

		17,224	**20,412**	**4,244.80**		**41,880.80**
1.1		1,440	4,400	880		6,720
1.2		480	960	192		1,632
1.3		1,320	1,600	400		3,320
1.4		96	52	12.80		161
1.5		72	240	48		360
1.6		960	80	16		1,056
1.7		2,560	3,200	640		6,400
1.8		3,200	4,160	832		8,192
1.9		3,360	4,800	960		9,120
1.2		1,840	-	-		1,840
1.21		144	640	128		912
1.22		72	240	48		360
1.23		480	40	8		528
1.24		1,200		80		1,280
					4,123.93	**4,123.93**

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					3,680.27	**3,680.27**
		17,224	**20,412**	**4,245**	**7,804.20**	**49,685**

2

445,038.40 73,399.74

2.53

10

“ ”

2018 0030318

2017 001979B

2019-360598-26-3-000367

[2019]65

1

56,300

2

1

2017 2019 43.83 50.04 53.42

10.39% 50,386.61

68,523.19 66,928.61 15.24%

cninf 巨潮资讯 www.cninfo.com.cn

2019 12 31 169,993.04 4,210.36

2017 28,211.75 4,044

H

37,182.59

100,388.34

2

2019 12 31 40.83%

56.16% 81.70%

2017 21.98 2019 12 41.67 89.57%

3

1

2016 2018 28.44 43.83 50.04

59.45%

cninf 巨潮资讯 www.cninfo.com.cn

2019 2021

59.45%

2

2019 -2021

	2018 /2018		2019 2021			2021 -2018
			2019	2020	2021	
	500,388.29	**100.00%**	**797,869.13**	**1,272,202.33**	**2,028,526.61**	**1,528,138.32**
	100,213.72	20.03%	159,790.78	254,786.39	406,256.90	306,043.18
	190,471.26	38.06%	303,706.42	484,259.89	772,152.40	581,681.14
	40,346.25	8.06%	64,332.10	102,577.53	163,559.87	123,213.62
	30,971.33	6.19%	49,383.79	78,742.45	125,554.83	94,583.50
	362,002.56	**72.34%**	**577,213.08**	**920,366.26**	**1,467,524.00**	**1,105,521.44**
	102,680.82	20.52%	163,724.57	261,058.82	416,258.29	313,577.47
	29,216.02	5.84%	46,584.94	74,279.69	118,438.97	89,222.95
	4,605.01	0.92%	7,342.69	11,707.92	18,668.27	14,063.26
	136,501.85	**27.28%**	**217,652.20**	**347,046.43**	**553,365.54**	**416,863.69**
-	**225,500.71**	**45.07%**	**359,560.88**	**573,319.83**	**914,158.46**	**688,657.75**

2019-2021

68.87

cninf 巨潮资讯 www.cninfo.com.cn

3

2019 12 31 17.00

H

10.04

2019 12 31	17.00
	3.72
	0.42
H	2.82
	10.04

H 4,044 2019 12 31 1 6.9762

2020 1-12

2020 1-12	
	25.00
	8.00
	4.00
	25.00
	62.00

4

2020 3 31

164.15 52.85 111.30

2019-2021 68.87 2020

62 121.34

9.53

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5.63

Minera Exar

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2017 2018 2019 2020 1-3

9:30—11:30 2:00—5:00

1

0790-6415606

0790-6860528

2

5023 B

22-25

cninf 巨潮资讯 www.cninfo.com.cn

0755-22628215

0755-82400862

http://www.cninfo.com.cn

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江西赣锋锂业股份有限公司

2020年8月4日

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