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/Zip Code: 100027 /Tel: 86-010-50867666 /Fax: 86-010-65527227
/E-mail kangda@kangdalawyers.com

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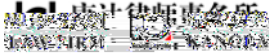
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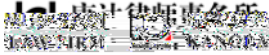
2018

48.59% 43.36% 48.11%

| | | | | |
|------|-----------|-----------|-----------|--------|
| | | | | |
| 2018 | 23,394.32 | 11,116.05 | 12,278.27 | 52.48% |
| 2017 | 17,507.30 | 8,148.53 | 9,358.77 | 53.46% |
| 2016 | 14,170.85 | 5,706.31 | 8,464.54 | 59.73% |



| 2018 | 3,140.75 | 1,926.95 | 1,213.80 | 38.65% |
|------|----------|----------|----------|--------|
| 2017 | 5,034.67 | | 708.22 | 14.07% |
| 2016 | 3,593.06 | 3,041.36 | 551.70 | 15.35% |
| | | | | |



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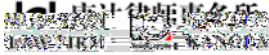
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| | 2018 | | 2017 | | 2016 | |
|--|----------|--------|----------|-------|----------|--------|
| | | | | | | |
| | 2,219.91 | 77.60% | 1,801.48 | 75.9% | 3,680.79 | 69.77% |
| | 1,110.67 | 64.06% | 46.74 | 69.6% | 58.11 | 78.77% |

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| | | | | | | |
|--|----------|--------|----------|--------|----------|--------|
| | 984.04 | 76.64% | 1,610.64 | 62.5% | 350.05 | 62.98% |
| | 49.11 | 33.46% | - | - | - | - |
| | 4,363.73 | 73.44% | 3,458.86 | 69.59% | 4,088.95 | 69.32% |

69.32% 69.59% 73.44%

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2011

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Wei r Group PLC

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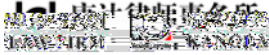
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| | 2018 | 2017 | 2016 |
|---|----------|----------|----------|
| | 203.98 | 132.74 | - |
| | 38.14 | 34.14 | 84.50 |
| | 242.12 | 166.88 | 84.50 |
| | 4,363.73 | 3,458.86 | 4,088.95 |
| / | 5.55% | 4.82% | 2.07% |

2008

2017



2019

84.50

166.88 242.12 2.07%

4.82% 5.55%

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| | 2018 | | 2017 | | 2016 | |
|-------------------------------------|----------|--------|----------|--------|----------|--------|
| | | | | | | |
| Khamkeut-Saen Oudom Gold Mining Co. | 430.78 | 68.67% | 279.21 | 64.05% | 2,525.07 | 17.31% |
| Oyu Tolgoi LLC | 618.34 | 68.79% | 1,171.96 | 43.68% | 1,241.71 | 66.73% |
| SP ZAO IVS Geleznovodskaya | - | - | 244.53 | 51.38% | 463.66 | 51.95% |
| KAZ Minerals Bozshakal LLC | 3,918.79 | 68.26% | 1,476.75 | 62.82% | 227.74 | 69.87% |
| Compania Minera Antamina S.A.C | 144.67 | 30.29% | 725.03 | 44.07% | - | - |
| Hudbay Peru S.A.C. | 245.99 | 68.84% | 116.06 | 63.35% | - | - |
| | 4,363.73 | 73.44% | 3,458.86 | 69.59% | 4,088.95 | 69.32% |

KAZ Minerals Bozshakal LLC Khamkeut-Saen Oudom Gold Mining
Co. Oyu Tolgoi LLC

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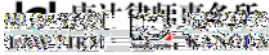
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KSB SE & Co. KGaA

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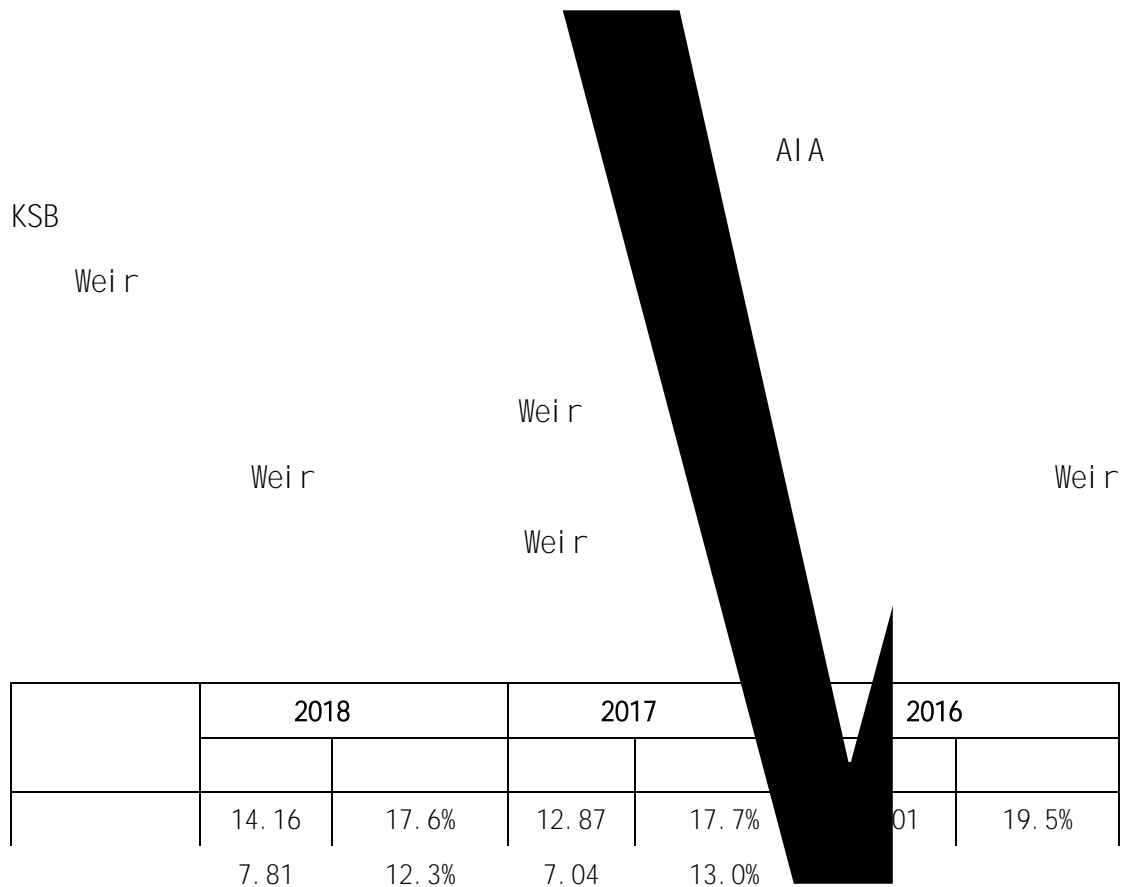
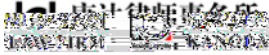
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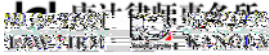
KSB

AIA

| | 2018 | 2017 | 2016 |
|-------|---------------|---------------|---------------|
| Weir | 33.34% | 31.27% | 32.70% |
| KSB | 54.58% | 55.45% | 55.92% |
| AIA * | 53.34% | 59.96% | 66.42% |
| | 47.09% | 48.89% | 51.68% |
| | 48.11% | 43.36% | 48.59% |
| | 55.90% | 46.93% | 51.56% |

31 2018 3 31 2019 3 31 2018 2017 3 2017 3





| | 2018 | 2017 | 2016 |
|--|---------------|--------------|---------------|
| | - | 16.84% | 38.79% |
| | 42.77% | 44.15% | 45.40% |
| | 42.77% | 30.5% | 42.10% |
| | 48.11% | 43.36% | 48.59% |
| | 42.29% | 40.41% | 46.43% |

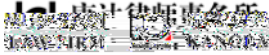
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| | 2018 | 2017 | 2016 |
|--|---------------|---------------|---------------|
| | 55.83% | 61.77% | 70.75% |
| | 55.87% | 56.12% | 61.64% |
| | 51.76% | 58.95% | 66.20% |
| | 48.11% | 43.36% | 48.59% |
| | 52.48% | 53.46% | 59.73% |

2018

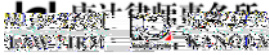


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| | 2018 | | 2017 | | 2016 | |
|--|------------------|--------|------------------|--------|------------------|--------|
| | | | | | | |
| | 3,867.83 | 11.86% | 2,993.51 | 10.83% | 2,144.10 | 9.95% |
| | 2,966.29 | 9.10% | 2,182.54 | 7.90% | 1,791.22 | 8.31% |
| | 1,209.32 | 3.71% | 849.01 | 3.07% | 830.37 | 3.85% |
| | 8,043.44 | 24.67% | 6,025.06 | 21.80% | 4,765.69 | 22.11% |
| | 32,602.74 | - | 27,632.00 | - | 21,550.24 | - |

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2018
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2016 2017 2018

22.11% 21.80% 24.67%

2016

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| | 2018 | | 2017 | | 2016 | |
|--|-----------------|----------------|-----------------|----------------|-----------------|----------------|
| | | | | | | |
| | 921.61 | 23.83% | 824.86 | 27.55% | 618.33 | 28.84% |
| | 656.10 | 16.96% | 543.11 | 18.14% | 433.42 | 20.21% |
| | 737.83 | 19.08% | 500.59 | 16.72% | 385.34 | 17.97% |
| | 642.54 | 16.61% | 580.23 | 19.38% | 349.22 | 16.29% |
| | 320.49 | 8.29% | 198.85 | 6.64% | 48.87 | 2.28% |
| | 141.68 | 3.66% | 30.50 | 1.02% | 75.89 | 3.54% |
| | 122.11 | 3.16% | 109.31 | 3.65% | 47.46 | 2.21% |
| | 178.44 | 4.61% | 79.91 | 2.67% | 82.93 | 3.87% |
| | 133.33 | 3.45% | 116.59 | 3.89% | 99.28 | 4.63% |
| | 13.71 | 0.35% | 9.57 | 0.32% | 3.36 | 0.16% |
| | 3,867.83 | 100.00% | 2,993.51 | 100.00% | 2,144.10 | 100.00% |

2016 2017 2018

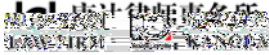
2,993.51 3,867.83 2,144.10

2.01% 1.97% 2.01%



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| | 2018 | | 2017 | | 2016 | |
|--|----------|--------|--------|--------|------|--|
| | 1,291.38 | 43.54% | 941.91 | 43.16% | | |



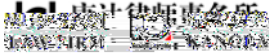
| | | | | | | |
|--|-----------------|----------------|---------------|----------------|---------------|----------------|
| | | | | | | |
| | 745.88 | 61.68% | 601.03 | 70.79% | 480.20 | 57.83% |
| | 64.76 | 5.36% | 54.21 | 6.39% | 81.09 | 9.77% |
| | 144.96 | 11.99% | 67.72 | 7.98% | 90.29 | 10.87% |
| | 145.62 | 12.04% | 87.16 | 10.27% | 115.34 | 13.89% |
| | 108.11 | 8.94% | 38.89 | 4.58% | 63.46 | 7.64% |
| | 1,209.32 | 100.00% | 849.01 | 100.00% | 830.37 | 100.00% |

3.85%

3.07% 3.71%

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| | 2018 12 31 | | | |
|--|------------------|----------------|---------------|------------------|
| | | | | |
| | 115.10 | 1.06% | 115.10 | - |
| | 10,697.92 | 98.45% | 644.16 | 10,053.76 |
| | 53.55 | 0.49% | 53.55 | - |
| | 10,866.57 | 100.00% | 812.81 | 10,053.76 |
| | 2017 12 31 | | | |
| | | | | |
| | 117.10 | 0.95% | 58.55 | 58.55 |
| | 12,084.88 | 98.22% | 736.71 | 1,348.16 |
| | 101.43 | 0.82% | 63.28 | 38.15 |



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|--|------------|---------|----------|-----------|
| | 12,303.41 | 100.00% | 858.55 | 1,444.86 |
| | 2016 12 31 | | | |
| | | | | |
| | 117.10 | 0.84% | 58.55 | 58.55 |
| | 13,801.08 | 98.60% | 1,533.42 | 12,267.66 |
| | 78.94 | 0.56% | 42.96 | 35.98 |
| | 13,997.12 | 100.00 | 1,634.92 | 12,362.20 |

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13,997.12 12,303.41

10,866.57 2016 2017 2018

| | 2018 | 2017 | 2016 |
|---|-----------|-----------|-----------|
| | 10,866.57 | 12,303.41 | 13,997.12 |
| | 32,602.74 | 27,632.00 | 21,550.24 |
| / | 33.33% | 44.53% | 64.95% |

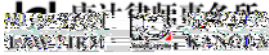
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2016 2017 2018 1

73.97% 86.16% 88.70% 2

15.67% 2.69% 0.82%

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| | 2018 12 31 | 2017 12 31 | 2016 12 31 |
|--|------------|------------|------------|



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|-----|------------------|----------------|------------------|----------------|------------------|----------------|
| | | | | | | |
| 1 | 9,638.49 | 88.70% | 10,600.46 | 86.16% | 10,353.00 | 73.97% |
| 1 2 | 969.84 | 8.92% | 1,153.68 | 9.38% | 1,254.79 | 8.96% |
| 2 3 | 0.33 | 0.00% | 230.14 | 1.87% | 1,088.52 | 7.78% |
| 3 4 | 19.83 | 0.18% | 43.78 | 0.36% | 317.86 | 2.27% |
| 4 5 | 25.43 | 0.23% | 32.90 | 0.27% | 388.14 | 2.77% |
| 5 | 44.00 | 0.40% | 23.93 | 0.19% | 398.77 | 2.85% |
| | 168.64 | 1.55% | 218.53 | 1.78% | 196.04 | 1.40% |
| | 10,866.56 | 100.00% | 12,303.41 | 100.00% | 13,997.12 | 100.00% |

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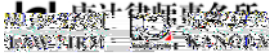


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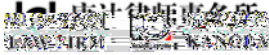


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|----|--|--------------------|---------|--------|--|
| | | | | | |
| 1 | | 36232119580710**** | 3,735.7 | 71.16% | |
| 2 | | 32062419630428**** | 400 | 7.62% | |
| 3 | | 13262819680412**** | 400 | 7.62% | |
| 4 | | 31010319600121**** | 160 | 3.05% | |
| 5 | | 31010919590916**** | 88.1 | 1.68% | |
| 6 | | 32052119630701**** | 80 | 1.52% | |
| 7 | | 35040319800504**** | 69 | 1.31% | |
| 8 | | 36230219690630**** | 68 | 1.30% | |
| 9 | | 34262219721018**** | 68 | 1.30% | |
| 10 | | 36110219680113**** | 68 | 1.30% | |
| 11 | | 34070219541025**** | 68 | 1.30% | |
| 12 | | 34070319670625**** | 43 | 0.82% | |
| 13 | | 32082619761205**** | 1 | 0.02% | |
| 14 | | 34010419661210**** | 0.5 | 0.01% | |
| 15 | | 37060219781127**** | 0.3 | 0.01% | |
| 16 | | 33010319680624**** | 0.1 | 0.00% | |

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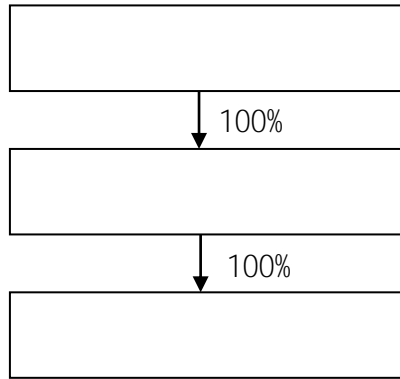
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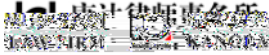
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| | 45.83% |
| | 27.50% |
| | 26.67% |
| | 51.00% |
| | 49.00% |



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| | 50% |
| | 50% |

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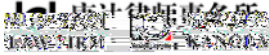
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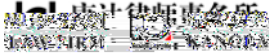
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|------|----------|-------|-------|-------|
| | | | | |
| 2018 | 2,024.99 | 6.21% | 82.71 | 1.28% |
| 2017 | 1,994.34 | 7.22% | 66.84 | 1.60% |
| 2016 | 1,973.72 | 9.16% | 56.63 | 1.13% |

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| | | | | |
|------|----------|--------|--------|-------|
| | | | | |
| 2018 | 5,233.28 | 16.05% | 176.76 | 2.74% |
| 2017 | 5,978.58 | 21.64% | 181.09 | 4.34% |
| 2016 | 6,531.71 | 30.31% | 197.06 | 3.93% |

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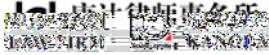


| 2018 | 9.45 | 0.03% | -35.86 | -0.56% |
|------|------|-------|--------|--------|
| 2017 | - | - | -61.35 | -1.47% |
| 2016 | - | - | - | - |

Jose Osvaldo Rojas Guerrero 2019 2 20

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| | 2018 | | 2017 | | 2016 | |
|--|----------|-------|----------|-------|----------|-------|
| | | | | | | |
| | 1,658.98 | 5.09% | 1,706.90 | 6.21% | 1,700.69 | 7.89% |



| | | 2018 | | 2017 | | 2016 | |
|-----|--|--------|--------|--------|--------|--------|--------|
| | | | | | | | |
| 200 | | 24.35 | 70.33% | 22.56 | 71.55% | 20.60 | 71.22% |
| | | 87.08 | 64.07% | 119.32 | 71.03% | 96.76 | 68.09% |
| 200 | | 395.39 | 84.60% | 354.78 | 84.34% | 405.52 | 85.23% |
| | | 27.02 | 83.10% | 71.04 | 82.76% | 35.80 | 81.85% |
| 250 | | 225.28 | 81.40% | 269.79 | 80.48% | 288.26 | 79.42% |
| | | 27.51 | 77.16% | 57.16 | 78.82% | 42.41 | 79.08% |
| 300 | | 377.91 | 80.21% | 487.31 | 79.23% | 397.80 | 77.75% |
| | | 20.71 | 79.63% | 34.76 | 74.30% | - | - |

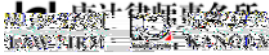
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| | | 2018 | 2017 | 2016 |
|--|--|------|-------|-------|
| | | - | 0.76 | 2.64 |
| | | - | 10.13 | 83.71 |
| | | - | 21.35 | - |
| | | - | 32.23 | 86.35 |

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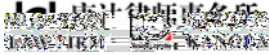
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| | 2018 | | 2017 | | 2016 | |
|--|-------|-------|-------|-------|-------|-------|
| | | | | | | |
| | 18.32 | 0.06% | 12.49 | 0.05% | 31.68 | 0.15% |

Jose Osvaldo

Rojas Guerrero 2019 2 20





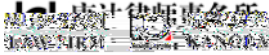
| | | | 2018 | 2017 | 2016 |
|---|--|--|-------|--------|--------|
| | | | | | |
| 2 | | | 83.31 | 186.78 | 146.47 |
| 3 | | | 24.74 | 38.37 | 59.5 |
| 4 | | | - | - | 2.44 |
| 5 | | | 13.39 | 12.5 | 53.3 |
| 6 | | | 24.24 | 2.55 | - |
| 7 | | | - | - | 4.74 |
| 8 | | | - | - | 18.17 |
| 9 | | | 13.12 | - | - |

2,741.58

2,766.73

2,477.66

| | 2018 | 2017 | 2016 |
|-------------------------------------|---------------|---------------|---------------|
| Erdenet Mining Corporation | 77.60% | 75.93% | 69.77% |
| KAZ Minerals Bozshakal LLC | 73.09% | 68.99% | 69.87% |
| Khamkeut-Saen Oudom Gold Mining Co. | 74.24% | 73.20% | 74.01% |
| | 57.04% | 72.28% | 63.51% |
| Oyu Tolgoi LLC | 68.97% | 65.52% | 71.91% |
| | 70.19% | 71.18% | 69.81% |
| | 68.42% | 72.30% | 67.43% |



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| | | | | |
|-----|------|--|--------|--|
| | | | | |
| | 2018 | | 121.77 | |
| | 2017 | | 120.66 | |
| | 2016 | | 73.48 | |
| | 2018 | | 635.24 | |
| | 2017 | | 24.22 | |
| () | 2018 | | 4.06 | |
| | 2016 | | 4.06 | |
| | 2017 | | 31.48 | |
| | 2016 | | 83.71 | |
| | 2018 | | 26.13 | |
| | 2017 | | 46.84 | |
| | 2016 | | 3.85 | |
| | 2017 | | 0.76 | |
| | 2016 | | 2.64 | |

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627.51

1,149.16

1,245.54

| | | | 2018 | 2017 | 2016 |
|---|-----------------------------|--|-----------------|-----------------|---------------|
| 1 | | | 45.43 | 84.73 | 55.39 |
| 2 | ME Global INC | | 577.11 | 771.12 | 290.46 |
| 3 | | | 133.06 | 170.90 | 281.66 |
| 4 | Fundición Talleres LIMITADA | | 489.95 | 122.41 | - |
| | | | 1,245.54 | 1,149.16 | 627.51 |

100.00% 97.65% 89.77%

| | 2018 | | 2017 | | 2016 | |
|--|-----------------|----------------|-----------------|----------------|---------------|----------------|
| | | | | | | |
| | 1,114.10 | 89.45% | 1,122.11 | 97.65% | 627.51 | 100.00% |
| | 131.44 | 10.55% | 27.05 | 2.35% | - | 0.00% |
| | 1,245.54 | 100.00% | 1,149.16 | 100.00% | 627.51 | 100.00% |

| | 2018 | 2017 | 2016 |
|--|--------|--------|--------|
| | 22.70% | 28.97% | 34.87% |



| | | | |
|--|--------|--------|--------|
| | 34.92% | 33.14% | 48.93% |
|--|--------|--------|--------|

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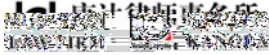
| | | 2018 | 2017 | 2016 |
|--|--|-------|-------|------|
| | | 51.02 | 14.54 | - |
| | | 51.02 | 14.54 | - |

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|-------|-------|
| 2017 | 2018 |
| 14.54 | 51.02 |

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50%

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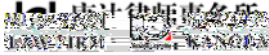
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| | | | | | |
|---|------|--------|---|----------|--|
| | 2018 | - | - | 7,499.45 | |
| | 2017 | 588.26 | | 4,622.99 | |
| | 2016 | - | - | 4,896.18 | |
| 1 | 2018 | 787.20 | | 2,980.91 | |
| | 2017 | 173.05 | | 3,196.36 | |
| | 2016 | 161.04 | | 3,164.84 | |
| 2 | 2018 | 12.93 | | 355.63 | |
| | 2017 | - | - | 386.91 | |
| | 2016 | 2.84 | | 149.68 | |
| 3 | 2018 | 51.02 | | 1,245.54 | |
| | 2017 | 14.54 | | 1,149.16 | |
| | 2016 | - | - | 627.51 | |



| | | | | | |
|--|------|----------|---|--------|--|
| | 2018 | 2,633.57 | | 2.13 | |
| | 2017 | 1,907.36 | | 127.93 | |
| | 2016 | 2,414.53 | | 146.36 | |
| | 2017 | 48.95 | | 4.64 | |
| | 2016 | - | - | 18.83 | |

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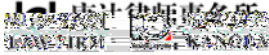
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|--|------|--------|---|----------|--|
| | | | | | |
| | 2016 | - | - | 4,896.18 | |
| | 2017 | 588.26 | | 4,622.99 | |
| | 2018 | - | - | 7,499.45 | |

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|--|--------|----|--------|--|--------------------|
| | | | | | |
| | 326.88 | 4 | 2017.6 | | 2017 11 2017 12 |
| | 147.05 | 8 | 2017.6 | | 2017 11 2017 12 |
| | 114.34 | 40 | 2017.6 | | 2017 11 2017 12 |



6.7 × 9.75m

9.75 × 4.88m

2017 12

B

2006

| | 2018 | | 2017 | | 2016 | |
|--|-----------------|----------------|-----------------|----------------|-----------------|----------------|
| | | | | | | |
| | 7,140.57 | 95.21% | 3,943.32 | 85.30% | 2,794.29 | 57.07% |
| | 99.64 | 1.33% | 224.53 | 4.86% | 180.20 | 3.68% |
| | 255.50 | 3.41% | 402.60 | 8.71% | 457.54 | 9.34% |
| | 3.74 | 0.05% | 42.13 | 0.91% | 1,422.37 | 29.05% |
| | - | - | 10.41 | 0.23% | 41.44 | 0.85% |
| | - | - | - | - | 0.35 | 0.01% |
| | 7,499.45 | 100.00% | 4,622.99 | 100.00% | 4,896.18 | 100.00% |

2016 2017 2018

4,896.18 4,622.99 7,499.45

50%

2016

45



2018

2017

3,197.25

| | 2018 | 2017 | 2016 |
|--|--------|--------|--------|
| | 34.52% | 31.09% | 43.31% |
| | 32.99% | 31.94% | 41.72% |
| | 42.13% | 37.22% | 61.04% |

2016

2017

2018

43.31%

31.09%

34.52%

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| | | | | | | |
| | | | | | | |
| | 7.76 | 1 | | 2018 8 | 2018 8 | |
| | 1.55 | 5 | | 2018 8 | 2018 8 | |



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27.5%

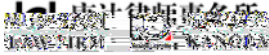
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| | / | |
| 1 | | 70% |
| 2 | | 30% |
| | | 100% |

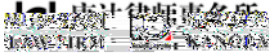
| / | 2016 /2016 12 31 | 2017 /2017 12 31 | 2018 /2018 12 31 |
|---|---------------------|---------------------|---------------------|
| | 106.7 | 103.06 | 118.26 |
| | 94.7 | 93.06 | 91.37 |
| | 30 | 48 | 50 |
| | -1.56 | -1.64 | -1.70 |



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| | / | | |
| 1 | | 1,000 | 100% |
| | | 1,000 | 100% |

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| / | 2016 /2016 12 31 | 2017 /2017 12 31 | 2018 /2018 12 31 |
|---|---------------------|---------------------|---------------------|
| | 7,724.99 | 6,850.27 | 7,316.33 |
| | 811.57 | 836.9 | 833.45 |
| | 14,858.06 | 14,834.31 | 12,562.3 |
| | 96.65 | 25.33 | -3.45 |

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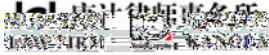
2008 2 18

500

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|---|---|-----|------|
| | / | | |
| 1 | | 245 | 49% |
| 2 | | 255 | 51% |
| | | 500 | 100% |



83

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| | | | |
|---|---|-----------|-------------|
| | / | | |
| 1 | | 33 | 39.76% |
| 2 | | 50 | 60.24% |
| | | 83 | 100% |

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| / | 2016 /2016 | | 2017 /2017 | | 2018 /2018 | |
|---|------------|----|------------|----|------------|----|
| | 12 | 31 | 12 | 31 | 12 | 31 |
| | 833.75 | | 826.63 | | 814.7 | |
| | 800.12 | | 794.06 | | 780.52 | |
| | 0 | | 0 | | 0 | |
| | -6.3 | | -6.06 | | -13.54 | |

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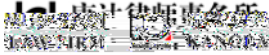
2016 06 15

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| | | | |
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| | / | | |
| 1 | | 5,100 | 51% |
| 2 | | 4,900 | 49% |
| | | 10,000 | 100% |

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,

| / | 2016 /2016 | 2017 /2017 | 2018 /2018 |
|---|------------|------------|------------|
| | 12 31 | 12 31 | 12 31 |
| | 16,613.32 | 18,786.78 | 18,769.73 |
| | 10,000.00 | 14,513.17 | 14,511.01 |
| | 0 | 0 | 0 |
| | 0 | 4,513.17 | -2.16 |

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2011 07 8

9.18

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| | | | |
|--|-----------|-----------|-----------|
| | 19,829.81 | 22,618.59 | 28,598.56 |
| | 171.47 | 541.87 | 724.61 |

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| | | | |
|---|--|--------------|-------------|
| 1 | | 2,320 | 40% |
| 2 | | 1,450 | 25% |
| 3 | | 1,160 | 20% |
| 4 | | 870 | 15% |
| | | 5,800 | 100% |

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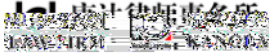
| / | 2016 /2016 | | 2017 /2017 | | 2018 /2018 | |
|---|------------|----|------------|----|------------|----|
| | 12 | 31 | 12 | 31 | 12 | 31 |
| | 6,971.09 | | 7,481.40 | | 10,464.82 | |
| | 1,106.71 | | 1,042.37 | | 906.48 | |
| | 807.50 | | 453.44 | | 675.83 | |
| | -51.89 | | -64.34 | | -135.89 | |

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|---|---|-----|------|
| | / | | |
| 1 | | 500 | 100% |
| | | 500 | 100% |

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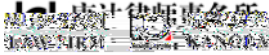
| / | 2016 /2016 12 31 | 2017 /2017 12 31 | 2018 /2018 12 31 |
|---|---------------------|---------------------|---------------------|
| | 1,392.06 | 1,828.94 | 2,561.45 |
| | 406.82 | 331.03 | 237.83 |
| | 0 | 0 | 0 |
| | -73.20 | -75.79 | -93.20 |

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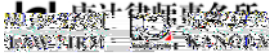
| | | | |
|---|---|------------|-------------|
| | / | | |
| 1 | | 18 | 10% |
| 2 | | 144 | 80% |
| 3 | | 9 | 5% |
| 4 | | 9 | 5% |
| | | 180 | 100% |

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| / | 2016 /2016 | | 2017 /2017 | | 2018 /2018 | |
|---|------------|----|------------|----|------------|----|
| | 12 | 31 | 12 | 31 | 12 | 31 |
| | 322.82 | | 310.16 | | 846.96 | |
| | -302.62 | | -394.91 | | -433.06 | |
| | 0 | | 0 | | 0 | |
| | -191.67 | | -92.29 | | -38.15 | |

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2006 6 1

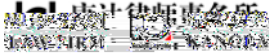
(100) 200 "

| | | | |
|---|---|------------|-------------|
| | / | | |
| 1 | | 15 | 7.5% |
| 2 | | 165 | 82.5% |
| 3 | | 20 | 10% |
| | | 200 | 100% |

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| / | 2016 /2016 12 31 | 2017 /2017 12 31 | 2018 /2018 12 31 |
|---|---------------------|---------------------|---------------------|
| | 199.52 | 301.25 | 301.19 |
| | 198.2 | 197.94 | 196.69 |
| | 0 | 0 | 0 |
| | -0.45 | -0.27 | -1.25 |

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2007 8 13

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|---|---|-------|------|
| | / | | |
| 1 | | 970 | 97% |
| 2 | | 30 | 3% |
| | | 1,000 | 100% |

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| / | 2016 /2016 12 31 | 2017 /2017 12 31 | 2018 /2018 12 31 |
|---|---------------------|---------------------|---------------------|
| | 14,883.03 | 14,549.77 | 13,809.83 |
| | -1,016.72 | -1,373.65 | -1,813.55 |
| | 0 | 0 | 0 |
| | -424.88 | -356.93 | -439.90 |

3



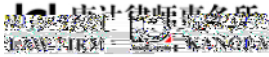
9 "

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| | | | |
|------|---------|-------|---------------|
| 2011 | 2 | 28 | 83,475,031.32 |
| 1 | 0.62893 | 5,250 | 1 5,250 |

2016 7 13 2016 7



14

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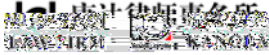
| | | | | | | |
|---|--------------------|--|--|-------|-------|-----------|
| | | | | / | | |
| 1 | 2008 8 | | | 321.6 | 1 | |
| | | | | 201 | 1 | |
| | | | | 120.6 | 1 | 2010 9 |
| 2 | 2009 1 | | | 250 | 1 | |
| | | | | 20 | 1 | |
| 3 | 2009 5 | | | 160.8 | 1 | |
| 4 | 2010 9 | | | 120.6 | 1 | 2008 8 |
| 5 | 2010 12 | | | 133 | 1.2 | |
| | | | | 92.8 | | |
| | | | | 72.6 | | |
| | | | | 68 | 1.7 | |
| | | | | 43 | | |
| | | | | 70 | | |
| 6 | 2015 10 | | | 70 | 5.2 | |
| 7 | 2015 10 2017 10 | | | | | |
| 8 | 2017 10 | | | 2,000 | 22.22 | |
| | | | | 5,000 | 39.94 | |
| 9 | 2018 11 | | | 100 | 5 | |

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1 2 3 4

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|----|------|----|----|--|--|-------|
| 15 | 2016 | 10 | 24 | | | 3,000 |
| 16 | 2016 | 10 | 24 | | | 4,000 |
| 17 | 2016 | 10 | 24 | | | 3,000 |

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2018 11 30

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2018 11 1



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|--------------|-----------|-----------|
| 2016 5 30 | , | 2015 |
| 2015 12 31 | | 10 |
| 0.85 | 4,462,500 | 3,089,750 |
| | | 2011 |
| 3,069,896.61 | | 19,853.39 |
| | | 2016 7 |

13

10 "

71

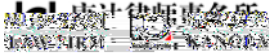
"

| | | 2018. 12. 31 | | 2017. 12. 31 | | 2016. 12. 31 | |
|--|--|--------------|-------------|--------------|-------------|--------------|-------------|
| | | | | | | | |
| | | 411 | 92.36% | 342 | 92.18% | 315 | 91.57% |
| | | 17 | 3.82% | 18 | 4.85% | 19 | 5.52% |
| | | 13 | 2.92% | 6 | 1.62% | 6 | 1.74% |
| | | 4 | 0.90% | 5 | 1.35% | 4 | 1.16% |
| | | 445 | 100% | 371 | 100% | 344 | 100% |

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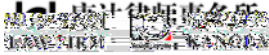
| | 2018 | | 2017 | | 2016 | |
|--|------|------|------|------|------|------|
| | | | | | | |
| | 19% | 8% | 19% | 8% | 19% | 8% |
| | 6% | 2% | 6% | 2% | 6% | 2% |
| | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% |



| | | | | | | |
|--|------------|----|------|----|------|----|
| | 0.9%/0.45% | 0% | 0.9% | 0% | 0.9% | 0% |
| | 0.5% | 0% | 0.5% | 0% | 0.5% | 0% |

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| | 2018 | | 2017 | | 2016 | |
|--|-------|------|-------|------|-------|------|
| | | | | | | |
| | 20% | 8% | 20% | 8% | 20% | 8% |
| | 10% | 2% | 10% | 2% | 10% | 2% |
| | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% |
| | 0.32% | 0% | 0.32% | 0% | 0.32% | 0% |
| | 1% | 0% | 1% | 0% | 1% | 0% |



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|----|--|------------|---------|
| 1 | | 2005 10 14 | 2009 1 |
| 2 | | 2003 10 24 | 2007 5 |
| 3 | | 2016 03 17 | 2016 6 |
| 4 | | 2015 03 26 | 2015 4 |
| 5 | | 2018 01 19 | 2018 2 |
| 6 | | 2014 07 24 | 2014 7 |
| 7 | | 2016 06 10 | 2017 11 |
| 8 | | 2018 07 19 | 2018 12 |
| 9 | | 2018 08 16 | 2019 3 |
| 10 | | 2018 08 21 | - |

2019 1 18

2016 1 1

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2018 3 12 2019 2

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2016 1 1 2019 2 14

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| 1 | | | 10 | |
| | | | 6-8 | |
| | | | 2-3 | |
| 2 | | | 2-8 | |
| | | | 6-18 | |
| | | | 4-8 | |



| | | | | | |
|---|--|--|--|------|--|
| | | | | | |
| | | | | 6-12 | |
| 3 | | | | 1-3 | |
| | | | | 1-4 | |
| 4 | | | | 2-5 | |

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450NZJA 550NZJA 650NZJA 750NZJA

450mm

Khamkeut-Saen Oudom Gold Mining Co.

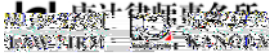
838

CPM

12.2× 11m

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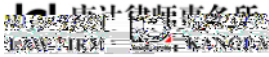


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Khamkeut-Saen Oudom Gold Mining Co.

2006

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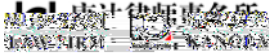
| | | | | |
|-----|--|----|----|----|
| | | 78 | 70 | 80 |
| | | 78 | 70 | 80 |
| | | 78 | 70 | 80 |
| 450 | | 8 | 8 | 8 |
| | | 8 | 8 | 8 |
| | | 8 | 8 | 8 |
| | | 8 | 8 | 8 |
| | | 8 | 8 | 8 |

2-8

200

450

| | | | | |
|------|----------|----------|----------|----------|
| 2016 | 2017 | 2018 | | |
| | 3,164.84 | 3,196.36 | 2,980.91 | |
| | | | 1,953.10 | 1,956.82 |
| | 2,074.72 | | | |
| | 0.02% | | | |
| | | 13 / | 1 / | 0.86 |
| / | 0.51 / | | 0.6 / | |
| 16 / | | | | |



| | 2018 | 2017 | 2016 |
|--|-----------------|-----------------|-----------------|
| | | | |
| | 7.00 | 7.91 | 53.75 |
| | 121.49 | 40.44 | 77.26 |
| | 186.77 | 219.17 | 189.21 |
| | 2,477.66 | 2,766.73 | 2,741.58 |
| | 187.99 | 162.12 | 103.05 |
| | 2,980.91 | 3,196.36 | 3,164.84 |

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1983 433,941.93

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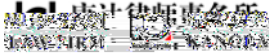
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| | | | | | |
|--|--|--|--|--|--|



| | | | | | |
|--|------|--------|---|----------|--|
| | | | | | |
| | 2016 | - | - | 4,896.18 | |
| | 2017 | 588.26 | | 4,622.99 | |
| | 2018 | - | - | 7,499.45 | |

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6.7 × 9.75m

9.75

× 4.88m

2017 12

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| | 2018 | 2017 | 2016 |
|--|-----------------|-----------------|-----------------|
| | - | 42.13 | 1,422.37 |
| | 7,243.95 | 4,167.85 | 2,974.84 |
| | 255.5 | 402.6 | 457.54 |
| | - | 10.41 | 41.44 |
| | - | - | - |
| | 7,499.45 | 4,622.99 | 4,896.18 |

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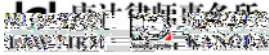
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|--|-----|-------------|
| | | |
| | | 16% 17% 10% |
| | | 5% |
| | | |
| | 70% | 1.2%(12%) |

| | | |
|--|---------|---------|
| | | |
| | 16% 17% | 15% |
| | 16% 17% | 25% |
| | 16% 17% | 25% |
| | 10% | 30% |
| | 10% 0% | 10% 25% |
| | 10% 0% | 10% 25% |
| | 18% | 27% |
| | 19% | 21% |
| | 16% | 30% |
| | 7% | 17% |

2018 32

2018 5 1

17% 11%

16% 10%

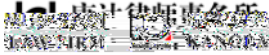
10%

0%

2

"

"



| | 2018 | 2017 | 2016 |
|--|---------|------|------|
| | 17% 16% | 17% | 17% |
| | 15% | 15% | 15% |
| | 13% | 13% | 13% |
| | 9% | 9% | 9% |
| | 5% 10% | 5% | 5% |

2018

3

1

2014 8 29

GF201436000050

2014 8 29

2017 8 28

2014 2015

2016

15%

15%

2

2017 8 23

GF201736000398

2017 8 23

2020 8 22

2017 2018

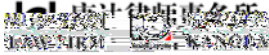
2019

15%

15%

1

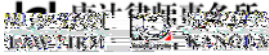
1



| | 2018 | 2017 | 2016 |
|-------|----------|----------|----------|
| | -14.02 | 211.54 | 20.34 |
| : | 4,517.17 | 3,466.99 | 2,969.94 |
| : | - | - | - |
| : | 211.79 | 303.35 | 230.28 |
| : | 4,682.24 | 3,130.22 | 2,643.79 |
| : () | 0.03 | 0.05 | 0.04 |
| | 32.68 | 851.62 | 576.72 |
| : | 264.86 | 865.63 | 365.19 |
| | -232.18 | -14.02 | 211.54 |
| : | - | - | - |
| : | 256.67 | 25.87 | 5.26 |
| | 24.50 | 11.85 | 216.79 |

2

| | 2018 | 2017 | 2016 |
|---|-----------|-----------|-----------|
| | 32,602.74 | 27,632.00 | 21,550.24 |
| | 12,200.74 | 11,574.86 | 9,081.00 |
| : | 1.32 | 4.86 | 3.42 |
| : | 156.65 | 0.50 | 17.58 |



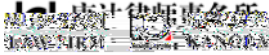
| | | | |
|--|----------|----------|----------|
| | 4,517.17 | 3,466.99 | 2,969.94 |
| | - | - | - |

| | 2018 | 2017 | 2016 |
|--|-----------|-----------|----------|
| | 13,918.20 | 12,473.39 | 9,062.20 |
| | - | - | 18.80 |
| | 130.52 | 79.84 | - |
| | 1,847.97 | 978.37 | - |
| | 12,200.74 | 11,574.86 | 9,081.00 |

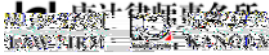
3

" - "

| | | | | |
|------|--|-----------|-------------------|----------|
| | | | | |
| 2018 | | 16,693.14 | 10% 16% 17% | 2,608.21 |
| | | 445.20 | 16% 17% | 75.55 |
| | | 646.66 | 3% 16% 17% | 103.44 |
| | | 5,464.20 | 10% 16 17% | 680.58 |
| | | 802.13 | 3% 6% 11% 16% 17% | 74.53 |
| | | 7,813.10 | 10% 16% 17% | 1,267.28 |
| | | - + + + + | | 4,658.48 |
| | | | | 4,682.24 |
| | | | | -23.76 |



| | | | | |
|------|----------|-----------|------------|-----------------|
| | | | | |
| 2017 | | 13,190.71 | 10% 17% | 2,175.95 |
| | | 193.09 | 17% | 32.83 |
| | | 307.38 | 3% 17% | 50.44 |
| | | 1,664.82 | 3% 11% 17% | 246.72 |
| | | 735.60 | 6% 11% 17% | 67.28 |
| | | 4,742.89 | 17% 18% | 807.09 |
| | | - + + + + | | 3,314.66 |
| | | | | 3,130.22 |
| | | | | 184.44 |
| 2016 | | 8,994.31 | 17% | 1,529.03 |
| | | -144.02 | 17% | -24.48 |
| | | 219.17 | 3% 17% | 35.97 |
| | | 711.52 | 3% 6% 17% | 119.98 |
| | | 833.82 | 6% 11% 17% | 87.09 |
| | 4,987.23 | 17% | 847.83 | |



C 2016

0.58

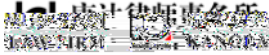
2

1

| | 2018 | 2017 | 2016 |
|------------|----------|----------|----------|
| () | 7,732.56 | 4,995.97 | 5,939.71 |
| : (" -") | 223.00 | -794.83 | 247.50 |
| : | 840.05 | 466.56 | 331.85 |
| | 59.57 | -770.82 | 430.04 |
| | -74.52 | -51.88 | -81.94 |
| | -65.12 | -75.23 | -75.23 |
| | -604.11 | -363.46 | -362.79 |
| | 67.13 | - | 5.58 |
| : | 822.91 | 417.98 | 352.64 |
| : | 54.75 | -16.46 | -3.10 |
| () | 8,833.22 | 4,602.65 | 6,536.76 |
| : 15% | 8,730.88 | 4,585.34 | 6,525.50 |
| 25% | 102.34 | 17.31 | 11.26 |
| 10% | 7.64 | 0.46 | 0.13 |
| () | 1,335.98 | 692.17 | 981.65 |
| | - | - | - |
| () | 1,335.98 | 692.17 | 981.65 |
| () | 1,335.98 | 692.17 | 981.65 |
| () | - | - | - |

2

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |



| | | | | | | |
|------|----------|----------|------|-------|------|----------|
| 2018 | 1,335.98 | 1,309.63 | 0.43 | 25.59 | 0.33 | 1,335.98 |
| 2017 | 692.17 | 687.80 | 0.05 | 4.32 | - | 692.17 |
| 2016 | 981.65 | 978.83 | 0.01 | 2.81 | - | 981.65 |

29"

"

2014 8 29

GF201436000050

2017 8 23

GF201736000398

2016 2017 2018

15%

15



2017 8 23

2019 2 13

2016 1 1

32 "

"

34 "

"

(此页无正文，为《北京市康达律师事务所关于江西耐普矿机新材料股份有限公司首次公开发行人民币普通股股票并在创业板上市的补充法律意见书》签字盖章页)

北京市康达律师事务所 (公章)



单位负责人：乔佳平

经办律师：钟节平

蔡丽影

张远新

2019年7月17日

所 证

0107934

师事务所，
《管理办法》

日

04

仅用于江西耐普河村
材料股份有限公司
统一
规定

执业机构 北京市康达律师事务所

执业证类别 专职律师

执业证号 11101200610890364

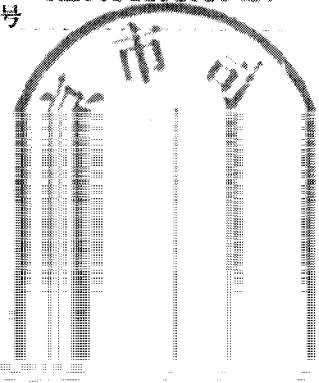
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或律师资格证号



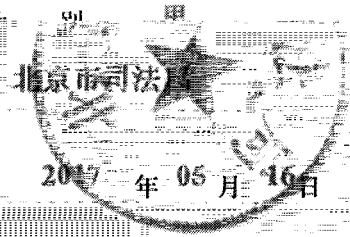
钟节平 11101200610890364

持证人 钟节平

号 362201197111222033



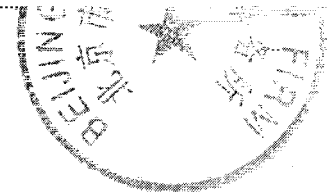
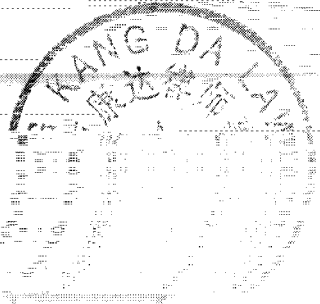
发证机关



发证日期

2017年05月16日

身份



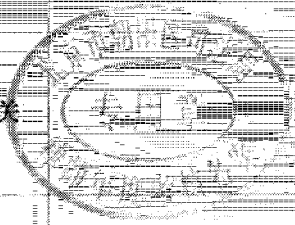
律师年度考核备案

律师年度考核备案

| | |
|------|--------|
| 考核年度 | 二〇一九年度 |
| 考核结果 | 合格 |

| | |
|------|--|
| 考核年度 | |
| 考核结果 | |

备案机关



备案日期

2019年5月-2020年5月

备案机关

备案日期

执业机构 北京市康达律师事务所



蔡丽影 11101201611389443

专职律师

201611389443

执业证类别

执业证号 11101

法律职业资格
或律师资格证号

20101310024779

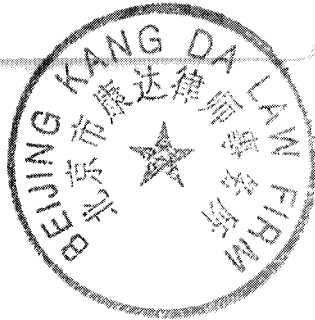
持证人 蔡丽影

性别 女

身份证号 130635198911023229

发证机关 北京

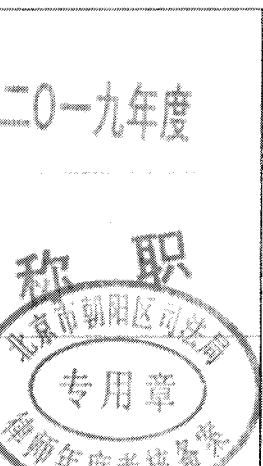
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年度考核备案

律师年度考核备案

律师年



二〇一九年度

日期

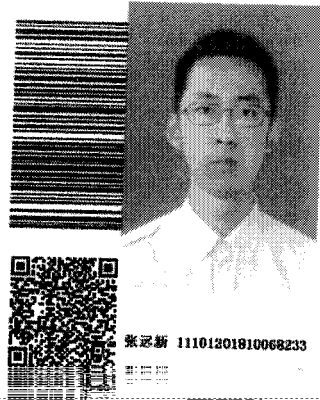
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| 考核年度 | |
| 考核结果 | |
| 备案机关 | |
| 备案日期 | 2019年5月-2020年5月 |

| | |
|------|--|
| 考核年度 | |
| 考核结果 | |
| 备案机关 | |
| 备案日期 | |

执业机构 北京市康达律师事务所

执业证类别 专职律师

执业证号 11101201810068233



律师资格证号 A20141101082662

持证人 张远丽

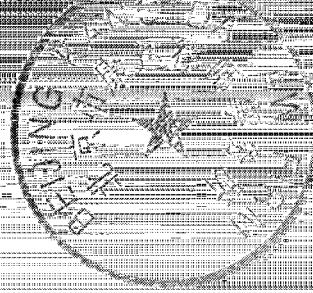
注册律师资格



姓名 张远丽

身份证号 610302199010212511

期 2018 年 11 月 20 日



律师年度考核备案

律师年度考核备案

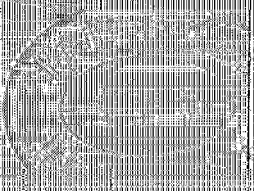
考核年度

二〇一八年度

考核结果

称职

备案机关



备案日期

2018年8月-2019年5月

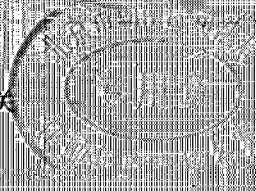
考核年度

二〇一九年度

考核结果

称职

备案机关



备案日期

2019年8月-2020年5月



| | | | | | | | |
|---|-------------------------------------|------|--|------------|--|-------------------|---------|
| | | | | | | | |
| 1 | | 1983 | | 43.39 | | | - |
| 2 | Erdenet Mining Corporation | 1978 | | 10,000,000 | | | 8.5 / |
| 3 | | 1979 | | 26.56 | | | 15.97 / |
| 4 | Oyu Tolgoi LLC | 2005 | | - | | | 12 / |
| 5 | KAZ Minerals Bozshakal LLC | 2004 | | - | | Aktogay Bozshakal | 15 / |
| 6 | | 1981 | | 37.02 | | | 6 / |
| 7 | Khamkeut-Saen Oudom Gold Mining Co. | 2010 | | - | | KSO | 10 / |



| | | | | | 2018 | 2017 | 2016 |
|---|--|---|---|----------------|----------|----------|----------|
| 1 | | | | 9 / | 2,980.91 | 3,196.36 | 3,164.84 |
| | | | | 4 / | | | |
| | | | | 1 / | | | |
| | | | | 0.86 / | | | |
| | | | | 0.51 / | | | |
| | | | | 0.6 / | | | |
| | | - | - | 15.97 / | | | |
| 2 | | | | 6.7 / | 875.01 | 795.12 | 189.47 |
| 3 | | | | 6 / | 697.69 | 1,763.18 | 225.90 |
| | | | | 1 / | | | |
| | | | | 1 / | | | |
| | | - | - | 8 / | | | |
| 4 | | | | 6.5 t/d | 652.94 | 631.38 | 484.79 |
| | | | | 1.1 / | | | |
| | | | | 0.7 t/d | | | |
| | | | | 1.25 t/d | | | |



| | | | | | | |
|--|--|--|--|------|-----|--|
| | | | | | | |
| | | | | 1.2 | t/d | |
| | | | | 0.3 | t/d | |
| | | | | 1.25 | t/d | |



| | | | | | | | |
|----|---------------------------------------|--|------------|---------|--------|--------|----------|
| 15 | Khamkeut-Saen Oudom Gold Mining Co. | | KSO | 10 t/d | 430.78 | 279.21 | 2,525.07 |
| 16 | Maaden Barrick Copper Company Limited | | | 1.4 t/d | 412.85 | 394.36 | 60.98 |
| 17 | Hudbay Peru S.A.C. | | Constancia | 8 t/d | 245.99 | 116.06 | - |
| 18 | Carmen Copper Corporation | | | 4 t/d | 184.92 | 6.39 | - |
| 19 | Compañía Minera Antamina S.A.C | | | 13 t/d | 144.67 | 725.03 | - |