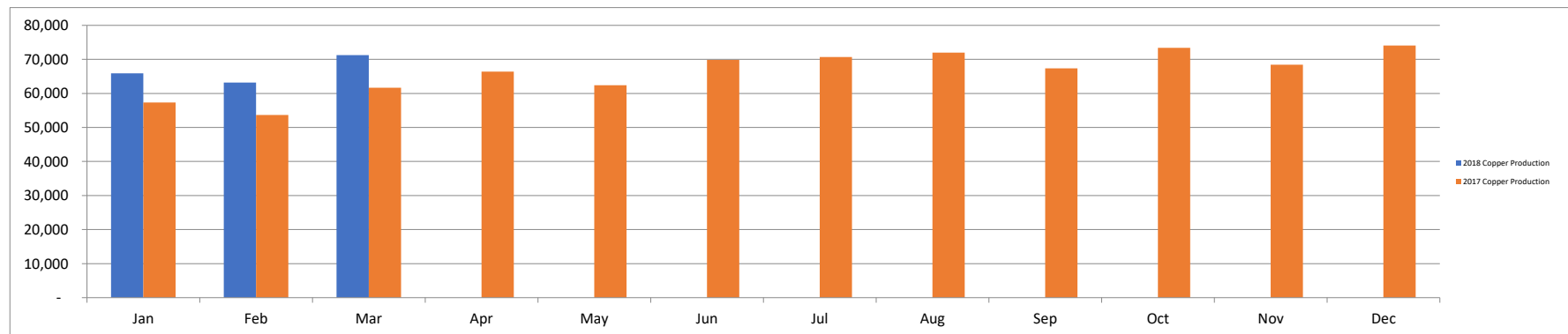


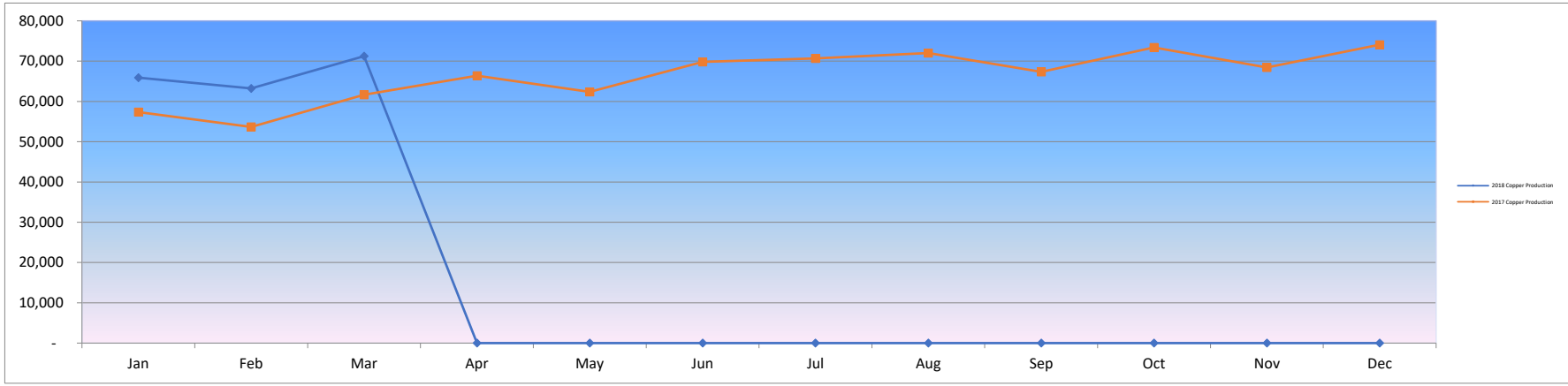
Copper Production

2018	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year Total
Kansanshi Mining	20,618.00	19,199.00	23,767.00	-	-	-	-	-	-	-	-	-	63,584.00
Lumwana	7,255.80	6,891.47	7,830.61	-	-	-	-	-	-	-	-	-	21,977.88
Mopani Copper Mines	4,566.61	4,575.17	5,321.87	-	-	-	-	-	-	-	-	-	14,463.65
KCM	7,782.31	6,616.35	8,131.45	-	-	-	-	-	-	-	-	-	22,530.11
Chibuluma	981.39	947.07	1,078.06	-	-	-	-	-	-	-	-	-	3,006.52
Luanshya Copper Mine	3,925.48	3,585.17	3,875.21	-	-	-	-	-	-	-	-	-	11,385.87
Lubambe Copper Mine	1,608.00	1,859.00	1,982.66	-	-	-	-	-	-	-	-	-	5,449.65
NFCA - Chambishi Mine	1,740.83	1,678.84	2,117.73	-	-	-	-	-	-	-	-	-	5,537.39
Sino Metals	697.95	642.76	753.02	-	-	-	-	-	-	-	-	-	2,093.74
Kalumbila Minerals	16,707.31	17,227.73	16,375.10	-	-	-	-	-	-	-	-	-	50,310.13
<b>Totals</b>	<b>65,883.68</b>	<b>63,222.55</b>	<b>71,232.71</b>	-	-	-	-	-	-	-	-	-	<b>200,338.94</b>

Copper Production

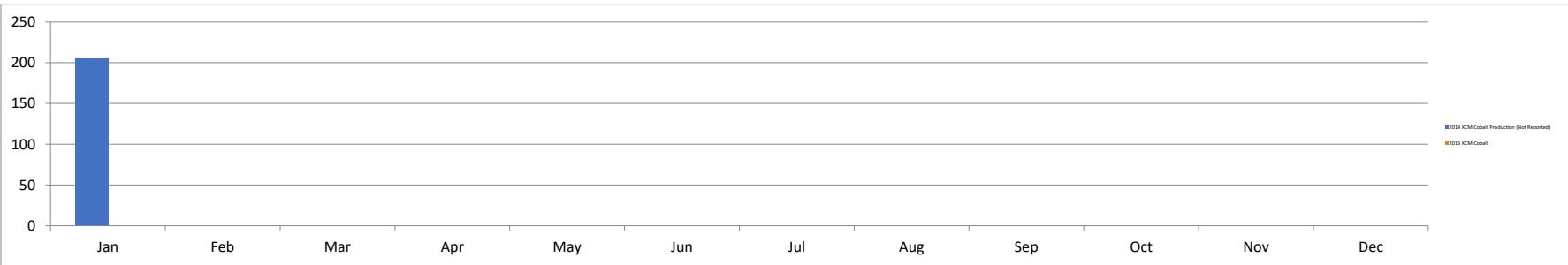
2017	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year Total
Kansanshi Mining	21,201.00	20,601.98	21,395.00	20,703.00	21,275.00	22,120.00	20,662.98	18,803.00	19,242.00	21,409.00	20,499.00	22,948.00	250,859.96
Lumwana	9,622.75	7,465.63	8,973.59	10,437.65	9,801.76	9,052.05	10,299.70	12,943.49	10,895.71	9,729.17	8,094.28	8,854.89	116,170.67
Mopani Copper Mines	2,125.03	3,681.66	2,538.72	5,108.73	2,258.12	4,819.07	3,710.09	1,584.08	4,335.45	4,911.87	4,758.00	4,312.80	44,143.61
KCM	5,443.00	4,496.00	5,553.00	6,758.00	5,905.00	8,119.00	8,691.00	9,041.00	7,813.00	8,774.05	8,158.00	7,833.54	86,584.58
Chibuluma	652.61	781.57	1,032.21	931.00	940.00	1,122.00	1,077.00	1,007.00	933.00	1,044.00	939.00	840.72	11,300.10
Luanshya Copper Mine	2,989.99	3,056.84	3,520.16	3,661.00	3,751.01	3,601.66	3,782.80	3,872.84	3,905.13	3,935.00	3,664.57	3,951.60	43,692.61
Lubambe Copper Mine	1,356.00	1,280.00	1,197.91	1,560.53	1,665.28	1,596.00	1,603.17	1,796.00	1,367.00	1,398.00	1,419.00	1,798.16	18,037.06
NFCA - Chambishi Mine	1,894.19	1,821.83	1,969.80	2,891.97	1,922.03	2,994.40	1,873.07	3,398.22	1,817.03	2,827.64	2,388.93	1,907.11	27,706.22
Sino Metals	605.00	450.00	467.00	462.00	794.00	671.00	635.00	635.00	792.81	791.00	931.00	624.15	7,857.96
Kalumbila Minerals	11,467.00	10,031.86	15,004.96	13,882.99	14,074.98	15,729.19	18,365.40	18,916.65	16,250.51	18,589.47	17,579.80	21,020.42	190,913.23
<b>Totals</b>	<b>57,356.56</b>	<b>53,667.36</b>	<b>61,652.36</b>	<b>66,396.88</b>	<b>62,387.18</b>	<b>69,824.36</b>	<b>70,700.22</b>	<b>71,997.27</b>	<b>67,351.63</b>	<b>73,409.20</b>	<b>68,431.59</b>	<b>74,091</b>	<b>797,266.01</b>
2018 Copper Production	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	-
2017 Copper Production	65,884	63,223	71,233	-	-	-	-	-	-	-	-	-	-
	57,357	53,667	61,652	66,397	62,387	69,824	70,700	71,997	67,352	73,409	68,432	74,091	





Cobalt Production

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year Total
2014 KCM Cobalt Production (Not Reported)		205											205
2015 KCM Cobalt													0



Coal Production

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year Total
2017 Maamba Collieries Production (Coal)	4,521	5,024	3,070	4,371	7,787	6,533	6,464	6,803	8,531	6,692	8,555	9,149	77,500
2018 Maamba Collieries Production (Coal)	13,545	-	2,753	-	-	-	-	-	-	-	-	-	16,298



