

Production Summary

000' metric tons	4Q18	3Q18	4Q17	2018	2017	4Q18/3Q18	4Q18/4Q17	2018/2017
Iron ore1	100.988	104.945	93.361	384.639	366.511	-3.8%	8.2%	4.9%
Pellets	15.812	13.878	12.898	55.304	50.300	13.9%	22.6%	9.9%
Manganese ore	495	482	553	1.832	2.173	2.7%	-10.5%	-15.7%
Coal	3.108	3.194	2.576	11.605	11.260	-2.7%	20.7%	3.1%
Nickel	64.0	55.7	78.0	244.6	288.2	14.9%	-17.9%	-15.1%
Copper2	109.8	94.5	113.5	395.5	438.5	16.2%	-3.3%	-9.8%
Cobalt	1.437	1.028	1.650	5.093	5.811	39.8%	-12.9%	-12.4%
Gold (OOCtaz troy)	133	117	139	477	485	13.7%	-4.3%	-1.6%

Sales Summary

000' metric tons	4Q18	3Q18	4Q17	2018	2017	4Q18/3Q18 4Q18/4Q17	2018/2017
Iron ore'	80.495	83.976	79.958	308.981	291.329	-4.1%	0.7%
Pellets	15.987	14.250	13.579	56.592	51.775	12.2%	17.7%
Manganese ore	442	554	740	1.572	1.825	-20.2%	-40.3%
Coal	3.433	3.195	2.943	11.633	11.780	7.4%	16.6%
Nickel	59.6	57.3	79.8	236.4	294.6	4.0%	-25.3%
Copper	104.1	92.4	110.5	378.9	423.8	12.7%	-5.8%