

Ore Reserves at 31 December 2020

Commodity	Project Description			2020 Ore Reserves										2020 - 2019		2020 Mine Plan			2019 Ore Reserves				2018 Ore Reserves			
				Proved			Probable			Proved + Probable				Annual Reserve Changes	Recoverable Product	Reserve Life	Proved + Probable				Proved + Probable					
	% Ma'aden	Stage	Mine	Mt	% P ₂ O ₆	% MgO	Mt	% P ₂ O ₆	% MgO	Mt	% P ₂ O ₆	% MgO	Mt P ₂ O ₅	Mt ore	Mt P ₂ O ₅	% Recovery	Mt P ₂ O ₅	Years	Mt	% P ₂ O ₆	% MgO	Mt P ₂ O ₅	Mt	% P ₂ O ₆	% MgO	Mt P ₂ O ₅
Al Jalamid ML	70%	Mine	OP	224.4	19.4	3.5	67.1	18.3	5.5	291.5	19.1	4.0	55.8	39.9	6.4	69%	38.2	25	251.6	19.6	3.5	49.4	265.0	19.8	3.5	52.5
Al Khabra ML	60%	Mine	OP	290.0	16.8	9.7	96.1	15.7	10.3	386.1	16.5	9.9	63.8	-8.4	-1.4	68%	43.4	25	394.5	16.5	9.8	65.1	409.3	16.4	12.4	67.1
Umm Wu'al B6 ML	60%	PFS	OP	0	0	0	284.5	16.0	2.3	284.5	16.0	2.3	45.4	0	0	70%	31.8	20	284.5	16.0	2.3	45.4	284.5	16.0	2.3	45.4
Umm Wu'al B4-5 ML	100%	PFS	OP	189.3	15.8	2.6	144.5	15.4	3.0	333.8	15.6	2.8	52.1	0	0	62%	32.3	30	333.8	15.6	2.8	52.1	333.8	15.6	2.8	52.1
Umm Wu'al B10-11 ML	100%	PFS	OP	33.6	17.8	9.9	48.5	16.2	10.5	82.1	16.9	10.3	13.8	0	0	55%	7.6	26	82.1	16.9	10.3	13.8	82.1	16.9	10.3	13.8
Total				737	17.4		641	16.1		1378	16.8		230.9	31.6	5.1	66%	153.3		1346	16.8		225.9	1375	16.8		230.9
Industrial Bauxite	% Ma'aden	Stage	Mine	Mt	% Al ₂ O ₃	% SiO ₂	Mt	% Al ₂ O ₃	% SiO ₂	Mt	% Al ₂ O ₃	% SiO ₂	Mt bauxite	Mt ore	Mt bauxite	% Recovery	Mt bauxite	Years	Mt	% Al ₂ O ₃	% SiO ₂	Mt bauxite	Mt	% Al ₂ O ₃	% SiO ₂	Mt bauxite
Az Zabirah ML	100%	Mine	OP	3.1	53.2	14.9	3.5	53.9	14.6	6.6	53.6	14.7	6.6	-0.4	-0.4	100%	6.6	17	7.0	53.6	14.7	7.0	7.3	53.6	14.8	7.3
Kaolin	% Ma'aden	Stage	Mine	Mt	% Al ₂ O ₃	% SiO ₂	Mt	% Al ₂ O ₃	% SiO ₂	Mt	% Al ₂ O ₃	% SiO ₂	Mt kaolin	Mt ore	Mt kaolin	% Recovery	Mt kaolin	Years	Mt	% Al ₂ O ₃	% SiO ₂	Mt kaolin	Mt	% Al ₂ O ₃	% SiO ₂	Mt kaolin
Az Zabirah ML	100%	Mine	OP	0.7	32.7	40.3	1.6	35.1	40.5	2.3	34.2	40.4	2.3	-0.1	-0.1	100%	2.3	17	2.4	34.3	40.5	2.4	2.5	34.2	40.4	2.5
Magnesite	% Ma'aden	Stage	Mine	Mt	% MgO	% SiO ₂	Mt	% MgO	% SiO ₂	Mt	% MgO	% SiO ₂	Mt MgO	Mt ore	Mt MgO	% Recovery	Mt MgO	Years	Mt	% MgO	% SiO ₂	Mt MgO	Mt	% MgO	% SiO ₂	Mt MgO
Al Ghazalah ML	100%	Mine	OP	0.5	46.4	0.6	2.5	43.3	2.5	3.0	43.8	2.2	1.3	0.1	0.3	100%	1.3	37	2.9	43.4	2.3	1.0	3.1	43.5	2.2	1.3
Metallurgical Bauxite	% Ma'aden	Stage	Mine	Mt	% TAA	% SiO ₂	Mt	% TAA	% SiO ₂	Mt	% TAA	% SiO ₂	Mt bauxite	Mt ore	Mt bauxite	% Recovery	Mt bauxite	Years	Mt	% TAA	% SiO ₂	Mt bauxite	Mt	% TAA	% SiO ₂	Mt bauxite
Al Ba'itha	70%	Mine	OP	60.5	50.0	7.7	122.8	47.3	10.0	183.4	48.2	9.3	183.4	-4.4	-4.4	100%	183.4	37	187.8	48.2	9.2	187.8	192.2	48.2	9.2	192.2
Gold	% Ma'aden	Stage	Mine	Mt	g/t Au	% Zn	Mt	g/t Au	% Zn	Mt	g/t Au	% Zn	Moz Au	Mt ore	Moz Au	% Recovery	Moz Au	Years	Mt	g/t Au	% Zn	Moz Au	Mt	g/t Au	% Zn	Moz Au
Ad Duwayhi ML	100%	Mine	OP	2.4	3.3		18.9	1.4		21.3	1.7		1.12	6.0	0.06	95%	1.07	6	15.3	2.2		1.08	19.2	2.4		1.47
Bulghah ML	100%	Mine	OP				40.7	0.8		40.7	0.8		1.05	-11.7	-0.41	53%	0.57	20	52.4	0.9		1.46	56.8	0.9		1.58
Sukhaybarat ML	100%	Mine	OP				17.1	1.1		17.1	1.1		0.61	-2.9	-0.08	67%	0.41	22	20.0	1.1		0.69	20.4	1.1		0.71
As Suq ML	100%	Mine	OP				6.6	1.3		6.6	1.3		0.28	1.3	-0.01	56%	0.16	6	5.3	1.7		0.30	5.7	1.0		0.18
Mansourah ML	100%	Dev	OP	12.4	2.5		15.3	2.6		27.7	2.5		2.25	0	0	88%	1.98	11	27.7	2.5		2.25	27.7	2.5		2.25
Massarah ML	100%	Dev	OP	3.1	2.1		14.2	2.0		17.3	2.0		1.11	0	0	88%	0.97	11	17.2	2.0		1.1	17.2	2.0		1.10
Ar Rjum Waseemah ML	100%	PFS	OP	13.3	1.6		21.0	1.6		34.3	1.6		1.73	34.3	1.73	98%	1.69	10								
Ar Rjum Umm Naam + Ghazal ML	100%	PFS	OP	14.2	1.3		11.9	1.5		26.1	1.4		1.13	26.1	1.13	98%	1.11	10								
Al Amar ML	100%	Mine	UG				1.2	4.3	3.9	1.2	4.3	3.9	0.16	-0.3	-0.03	89%	0.14	5	1.5	3.8	4.0	0.2	2.8	3.3	2.5	0.3
Mahd Ad Dhahab ML	100%	Mine	UG	0.22	8.5	0.7	0.24	6.7	0.6	0.46	7.5	0.6	0.11	-0.3	-0.02	96%	0.10	3	0.8	5.4	0.3	0.13	1.0	5.0	0.8	0.16
Total				45.6	1.88		147.1	1.44		192.7	1.54		9.55	52.5	2.37	86%	8.2		140	1.6		7.2	151	1.6		7.8
Copper	% Ma'aden	Stage	Mine	Mt	% Cu	g/t Au	Mt	% Cu	g/t Au	Mt	% Cu	g/t Au	Mt Cu	Mt ore	Mt Cu	Recovery %	Mt Cu	Years	Mt	% Cu	g/t Au	Mt Cu	Mt	% Cu	g/t Au	Mt Cu
Jabal Sayid ML	50%	Mine	UG	10.2	2.4	0.2	14.5	2.2	0.3	24.6	2.3	0.2	0.56	-0.6	-0.02	92%	0.51	9	25.2	2.3	0.2	0.58	27.1	2.4	0.2	2.4