

# Encouraging REE metallurgy test-work from Broken Hill



# Highlights

- Preliminary metallurgical test-work on a 20m composite sample from the Fence Gossan Prospect (FG\_003RC) delivered encouraging results, with clays – subjected to froth flotation – obtaining up to 2-3 times rare earth element (REE) enrichment from the head grade at up to 70% recovery:
  - These findings confirm REEs can be readily separated from clay within the East Zone discovery area and potentially beneficiated to a higher grade concentrate
- To acquire a deeper understanding of the potential to extract REE-mineralisation from clays in the East Zone discovery area, the Board has approved appointing a specialist consultancy to conduct an in-depth metallurgy test-work program:
  - ✤ Once completed and interpreted, the results from this program will be key to securing interest from potential off-take partners and providing a path to market
- Further, 1m re-assays for Reefs Tank were received for all four drill-holes (RT\_001-4RC), which further verified there is an extensive, shallow REE system apparent across the central part of the East Zone – the best intercept comprised:

#### 3m @ 2,587ppm TREO from 14m (RT\_001RC)

- Reconciling all assays from the recent drilling and auger campaigns across the Fence Gossan, Tors & Reefs Tanks Prospects, the geology team has created heat maps which identify zones of high Total and Magnetic Rare Earth Oxides (TREO/MREO):
  - These areas will be subject to further surface sampling and geophysical surveys then potentially drill-testing to extend known mineralisation

**Castillo Copper's Chairman Ged Hall commented:** "On a holistic basis, the Board is delighted with results from the drilling, surface sampling and metallurgical test-work at Broken Hill as they collectively demonstrate the forward value creating potential of the BHA Project's East Zone. In short, the underlying REE system is shallow, extends over at least 4.5km<sup>2</sup>, delivered results up to 3,491ppm TREO and produced up to 38.9% MREO in diamond core<sup>1</sup>. Moreover, the metallurgy test-work proves REE mineralisation readily separates from clay and can potentially be beneficiated to a higher-grade concentrate. By all accounts, this is an excellent report card ahead of exploratory work ramping up."

## **ENCOURAGING METALLURGICAL TEST-WORK RESULTS**

**Castillo Copper Limited's** ("**CCZ**") Board is delighted with the initial REE metallurgical test-work results from a 20m composite sample (FG\_003RC) from the Fence Gossan Prospect (Appendix A). The sample, which comprised clays – was subjected to froth flotation – delivered up to 2-3 times REE enrichment from the head grade at up to 70% recovery (refer Figure 1 and Appendix B for full details). Moreover, these findings verify that REEs can be readily separated from clay within the East Zone discovery area and potentially beneficiated to a higher-grade concentrate.

ANALYTE	ALS Adelaide REE ME- MS81 %	ALS Perth HEAD GRADE REE COMP %	Times Improvement
Ce (%)	0.045	0.05	1.6
La (%)	0.038	0.03	2.3
Nd (%)	0.021	0.02	2.0
Pr (%)	0.006	0.01	1.3
Y (%)	0.009	0.01	1.1

#### FIGURE A1: HEAD ASSAY / IMPROVEMENT

#### Source: ALS

To follow up on these excellent results, the Board has now approved the appointment of a specialist metallurgy consultancy with extensive experience in how REE mineralisation liberates from various host rocks (including clays). The Board wants a deeper understanding of the potential to extract REE mineralisation from the East Zone discovery area, as this information will be key to securing interest from potential off-take partners that can provide a clear path to market.

#### **Reefs Tank Assays**

All 1m re-assays for Reefs Tank were received for the four drill-holes (RT\_001-4RC), with up to 2,587ppm TREO recorded (Figure 1). On a holistic basis, the Reefs Tank results provide incremental evidence there is an extensive, shallow REE system apparent across the central part of the BHA Project's East Zone (Appendix A).

Hole	From (m)	To (m)	Width (m)	Ag (g/t)	Th (ppm)	U (ppm)	TREO (ppm)	TREO- Ce	LREO (ppm)	HREO (ppm)	CREO (%)	MREO (%)
								(ppm)				
RT_001RC	11	13	2	0.05	17.0	5.4	631	313.08	490.55	140.69	27.3%	20.6%
RT_001RC	14	17	3	0.96	29.9	9.4	2,587	2187.30	1105.24	1481.70	55.7%	24.7%
RT_001RC	54	55	1	0.15	70.2	9.2	796	429.43	746.15	49.34	20.8%	29.1%
RT_001RC	55	56	1	0.08	80.5	6.2	896	487.84	838.19	57.49	21.2%	29.9%
RT_001RC	64	65	1	0.12	121.0	9.0	1,236	658.75	1196.01	40.09	19.0%	29.3%
RT_002RC	0	1	1	0.06	19.8	2.5	367	241.55	272.76	94.70	34.1%	28.2%
RT_002RC	1	4	3	0.11	24.7	2.5	449	285.00	350.63	98.36	31.5%	27.6%
RT_002RC	28	32	4	0.12	54.6	3.5	601	343.27	541.76	59.48	24.1%	30.9%
RT_002RC	64	68	4	0.05	27.6	3.2	430	267.15	339.41	90.36	30.7%	27.5%
RT_003RC	0	4	4	nd	14.6	6.2	247	165.15	183.62	63.40	34.5%	29.8%
RT_003RC	8	16	8	nd	27.5	4.5	424	258.35	352.12	71.76	28.4%	28.5%
RT_003RC	56	64	8	nd	23.8	3.8	389	237.70	313.43	75.97	29.6%	27.6%
RT_003RC	72	76	4	nd	28.6	6.9	450	272.82	366.14	83.72	29.1%	27.3%
RT_004RC	52	56	4	0.25	44.4	4.1	567	344.40	465.92	101.13	29.1%	29.2%
RT_004RC	84	92	8	1.78	25.6	8.5	525	314.92	433.13	92.23	28.4%	27.7%

#### FIGURE 1: REEFS TANK 1M ASSAYS

Source: CCZ geology team

#### **TREO / MREO Contours**

After reconciling all assays from the recent drilling and auger campaigns across the Fence Gossan, Tors & Reefs Tanks Prospects (Appendix B), the geology team has created heat maps which identify zones of high TREO and MREO (Figure 2 & 3).

These areas will be subject to further surface sampling and geophysical campaigns (including trial transects of ground radiometric and EM surveys) then potentially drill-testing (red zones in Figure 2) to extend known mineralisation.

Note, the TREO is the sum of REEs in ppm, calculated from ME-MS81 method, converted to their stoichiometric equivalent i.e., Ce converted to  $CeO_2$  and so forth. The high-value Magnetic REO comprise Nd+Pr+Dy+Tb and generally command premium pricing to other REEs as they are in strong demand. Refer to Appendix C for a full explanation and TREO calculation.

#### FIGURE 2: FENCE GOSSAN AND SURROUNDS SURFACE SAMPLING – TREO IN PPM



Source: CCZ geology team



#### FIGURE 3: FENCE GOSSAN AND SURROUNDS SURFACE SAMPLING – MREO ppm



Notes: All coordinates in MGA94-Z54S Source: CCZ Geology team

#### The Board of Castillo Copper Limited authorised the release of this announcement to the ASX.

#### Dr Dennis Jensen

#### Managing Director

#### **Competent Person's Statement**

The information in this report that relates to Exploration Results and Mineral Resource Estimates for "BHA Project, East Zone" is based on information compiled or reviewed by Mr Mark Biggs. Mr Biggs is a director of ROM Resources, a company which is a shareholder of Castillo Copper Limited. ROM Resources provides ad hoc geological consultancy services to Castillo Copper Limited. Mr Biggs is a member of the Australian Institute of Mining and Metallurgy (member #107188) and has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, and Mineral Resources. Mr Biggs holds an AusIMM Online Course Certificate in 2012 JORC Code Reporting. Mr Biggs also consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

The Australian Securities Exchange has not reviewed and does not accept responsibility for the accuracy or adequacy of this release.

#### References

CCZ ASX Release – 15 February 2023

# **About Castillo Copper**

Castillo Copper Limited is an Australian-based explorer primarily focused on copper across Australia and Zambia. The group is embarking on a strategic transformation to morph into a mid-tier copper group underpinned by its core projects:

A large footprint in the in the Mt Isa copper-belt district, north-west Queensland, which delivers significant exploration upside through having several high-grade targets and a sizeable untested anomaly within its boundaries in a copper rich region.

Four high-quality prospective assets across Zambia's copper-belt which is the second largest copper producer in Africa.

A large tenure footprint proximal to Broken Hill's world-class deposit that is prospective for cobalt-zincsilver-lead-copper-gold and platinoids.

Cangai Copper Mine in northern New South Wales, which is one of Australia's highest grading historic copper mines.

The group is listed on the LSE and ASX under the ticker "CCZ."

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# **ASX/LSE Symbol**

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## **APPENDIX A: BHA PROJECT'S EAST ZONE**

#### FIGURE A1: BHA PROJECT'S EAST ZONE - REE EXPLORATION FOOTPRINT



Source: CCZ geology team

#### **FIGURE A2: BHA PROJECT**



Source: CCZ geology team



## **APPENDIX B: PRELIMINARY METALLURGY TESTWORK**

#### **Background and Scope**

A composite sample of RC chips from Fence Gossan drill-hole FG\_003RC was constructed over the interval from 0-20m. The material reported over that interval had lithology logged as clay, haematite, goethite, and extremely weathered pegmatite. The main rare-containing minerals are thought to be monazite, allanite, xenotime, and possibly baryte or celsian (to account for the high barium contents of some samples). Note, these assumptions need to be tested by XRD and/or QEM-SEM testing.

The composite was made up of 1m samples tested using ME-MS81 analysis method (the results for which are provided in Figure A1).

The process methodology followed by ALS Perth was as follows:

- Rotary Blending & Splitting (12x1kg, reserve)
- PPS Head Assay Submission
- Assay Head Assay (Ce, La, Nd, Pr, SiO<sub>2</sub>, Y)
- 1kg Grind Establishment (P80 53µm assumed)
- Rougher Flotation (6 con, 1 Tail)
- PPS Float Products
- Assay Head Assay (Ce, La, Nd, Pr, SiO<sub>2</sub>, and Y)

#### Results

The head grade and froth flotation improvement are shown in Figure A1.

ANALYTE	ALS Adelaide REE ME- MS81 %	ALS Perth HEAD GRADE REE COMP %	Times Improvement
Ce (%)	0.045	0.05	1.6
La (%)	0.038	0.03	2.3
Nd (%)	0.021	0.02	2.0
Pr (%)	0.006	0.01	1.3
SiO2 (%)	NT	64.3	-
Y (%)	0.009	0.01	1.1

#### FIGURE A1: HEAD ASSAY / IMPROVEMENT

#### Source: ALS

Overall main laboratory observations of note are:

- Slurry was highly viscous after ALS Perth added lime that changed the target pH down to 9.5. The process was changed to soda ash in the second test.
- By end of float, ALS Perth saw froth instability, which indicates what material wanted to float.
- There was a colour trend in the concentrate progressing through the stages.

Figures A2 to A5 show cumulative recovery versus grade for the Ce, La, Nd, and Pr components.

#### FIGURE A1: CERIUM CUMULATIVE GRADE / RECOVERY



Source: ALS



#### FIGURE A1: LANTHANUM CUMULATIVE GRADE / RECOVERY

Source: ALS

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#### FIGURE A1: NEODYMIUM UMULATIVE GRADE / RECOVERY



Source: ALS



#### FIGURE A5: PRASEODYMIUM CUMULATIVE GRADE / RECOVERY

Source: ALS



#### **FIGURE A6: FLOWTATION FLOWSHEET**



Source: ALS

#### FIGURE A7: DRILLHOLE FG\_003RC - 0 TO 20M COMPOSITE USED FOR ALS PERTH METALLURGICAL TESTING, 1M ANALYSIS (A-P)

	Sample Number	From	То	Length	PGM- MS23	PGM- MS23	PGM- MS23	ME- MS81															
					Au	Pt	Pd	Ва	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu	Nb	Nd	Pr
		m	m	m	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	CCZ04511	0	1	1	0.002	0.001	0.002	297	131	61	3.13	6.48	3.92	1.71	23.5	7.17	5.56	1.35	70	0.58	10.85	54.8	16.1
	CCZ04512	1	2	1	0.006	0.0013	0.003	910	172.5	73	2.58	7.57	4.05	2.16	38.1	8.71	4.09	1.52	97.5	0.46	10.55	74.2	21
	CCZ04513	2	3	1	0.004	0.0011	0.002	648	696	71	2.64	20.9	9.3	9.12	46.2	34.4	4.18	3.6	409	0.93	12.75	347	94.2
	CCZ04514	3	4	1	0.002	0.0007	0.001	166.5	580	72	5.2	17.85	6.75	7.5	55.9	28.5	3.02	2.76	369	0.54	10.4	276	74.4
	CCZ04515	4	5	1	0.002	0.0007	0.001	143	511	80	5.01	16.35	6.43	6.46	51.2	25.9	3.39	2.67	336	0.63	13.85	252	67.4
	CCZ04516	5	6	1	0.001	0.0008	0.001	98.4	376	75	3.04	10.5	3.86	3.91	53.5	17.5	3.05	1.62	229	0.36	12.8	175.5	46.6
	CCZ04517	6	7	1	<0.001	0.0008	0.001	91.9	480	76	3.89	13.75	4.51	5.55	54.5	22.4	3.37	2.03	293	0.47	11.9	221	59.8
_	CCZ04518	7	8	1	<0.001	0.0007	0.001	59.1	332	90	3.2	8.64	3.14	3.43	60.5	14.3	3.18	1.33	204	0.28	15.4	142.5	39.3
$\square$	CCZ04519	8	9	1	<0.001	0.0007	0.001	87.2	422	88	5.13	12.5	5.17	4.67	53.4	19	2.97	2.05	258	0.6	12.55	184.5	49.7
	CCZ04520	9	10	1	<0.001	0.0008	0.001	94.5	287	78	5.62	7.68	3.76	2.49	56.5	10.55	2.62	1.37	175	0.49	13.2	116.5	31.3
_	CCZ04521	10	11	1	0.001	0.0007	0.001	110.5	366	81	6.57	8.9	4.09	3.31	48.3	14.05	2.56	1.69	231	0.55	10.95	145.5	42.6
	CCZ04522	11	12	1	<0.001	0.0007	0.001	118.5	384	90	6.47	12.3	6.33	3.66	58.3	16.7	2.95	2.2	258	0.92	13.1	158.5	43.4
7	CCZ04523	12	13	1	<0.001	0.0007	0.001	88.6	292	85	3.63	9.33	5.15	2.71	57.2	12.45	3.51	1.79	202	0.61	12.7	117	32.1
	CCZ04524	13	14	1	<0.001	0.0007	0.001	98.8	318	81	5.38	12.6	5.77	4.14	56.9	17.65	2.9	2.28	233	0.68	13.15	145.5	38.3
	CCZ04525	14	15	1	<0.001	0.0009	0.001	45.7	486	91	4.58	17.9	6.78	5.7	63	28.4	3.06	2.93	341	0.61	12.45	222	59.1
$\int$	CCZ04526	15	16	1	<0.001	0.0008	0.001	69.4	577	71	9.24	29	13.5	7.19	61.2	38.1	3.58	5.31	427	1.5	11.4	266	68.9
IJ	CCZ04527	16	17	1	0.001	0.0025	0.002	53.4	453	67	5.76	23.3	11.35	5.34	47.1	28	4.04	4.32	322	1.29	10.1	195	50.9
	CCZ04528	17	18	1	0.003	0.0017	0.002	118	698	53	17.75	30.3	14.65	7.91	48.2	40.5	1.46	5.72	466	1.5	5.57	303	81.5
	CCZ04529	18	19	1	0.045	0.002	0.002	109	774	54	6.11	42.4	16.05	12.35	40.3	60.8	1.61	6.9	644	1.36	6.51	425	106.5
	CCZ04530	19	20	1	0.005	0.0011	0.001	193	661	60	2.69	104.5	69.3	15.6	25.8	100	2.98	23.8	597	8.34	7	403	94.2
	Average							180.0	449.8	74.9	5.4	20.6	10.2	5.7	50.0	27.3	3.2	3.9	308.1	1.1	11.4	211.2	55.9

## FIGURE A7: DRILLHOLE FG\_003RC - 0 TO 20M COMPOSITE USED FOR ALS PERTH METALLURGICAL TESTING, 1M ANALYSIS (CONT)

	Sample Number	From	То	Length	ME- MS81															
					Rb	Sc	Sm	Sn	Sr	Та	Tb	Th	Ti	Tm	U	V	W	Y	Yb	Zr
		m	m	m	ppm	%	ppm													
	CCZ04511	0	1	1	67.5	16.4	10.3	3.2	128	0.9	1.18	12.85	0.49	0.59	4.02	190	3.1	37	3.69	223
	CCZ04512	1	2	1	51.2	20	12.35	2.4	180	0.8	1.28	13.65	0.41	0.55	7.54	247	4	35.3	3.39	134
_	CCZ04513	2	3	1	51.7	19.4	52.8	3.2	126	1	4.53	14.55	0.38	1.18	15.65	191	4.4	76.9	7.01	137
$\geq$	CCZ04514	3	4	1	92.2	37.5	41.8	3.5	129.5	1	3.79	16.3	0.33	0.84	13.85	171	2.8	50.3	5.02	109
_	CCZ04515	4	5	1	89.1	27.5	38.7	4.3	109.5	1.2	3.52	14.95	0.4	0.78	12.5	178	2.8	53.6	5.09	110
	CCZ04516	5	6	1	51.2	14.7	25.9	3.5	91.3	1.1	2.28	16.25	0.38	0.55	7.46	129	3.7	30.9	2.88	100
_	CCZ04517	6	7	1	78.9	14.7	33.2	2.6	99.1	1	2.98	16.35	0.34	0.57	9.41	106	4.3	35.8	3.23	110
	CCZ04518	7	8	1	79.8	11.6	22.6	3.2	101	1.2	1.88	18.25	0.38	0.38	7.65	102	6.3	25.5	2.31	107
	CCZ04519	8	9	1	121	16.7	29	3.6	100	1.2	2.58	14.9	0.35	0.71	10.7	140	3	43.1	4.57	99
$\frown$	CCZ04520	9	10	1	160.5	19.6	16.3	3.5	84.7	1.1	1.5	14.3	0.32	0.55	8.74	150	2.2	28.2	4.08	87
_	CCZ04521	10	11	1	196	20.4	21.6	4.1	89.8	0.9	1.96	14.5	0.31	0.59	12.1	149	1.7	33.6	3.97	87
	CCZ04522	11	12	1	171.5	20.2	24	3.7	117	1.1	2.28	19.6	0.34	0.96	15.85	149	3.5	50.9	6.62	99
	CCZ04523	12	13	1	108.5	21.4	16.55	3.1	98.9	1.1	1.79	17.65	0.34	0.73	11.2	101	6.3	38.4	4.72	116
11	CCZ04524	13	14	1	131	20.4	22.3	5	103.5	1	2.28	17.3	0.33	0.79	12.5	136	4	49	4.78	97
JL	CCZ04525	14	15	1	98.8	15.7	35.2	4.3	88.2	1.1	3.64	18.45	0.36	0.81	14.2	170	3.5	57	5	95
	CCZ04526	15	16	1	143.5	19.2	41.5	4.3	81.2	1	5.56	18.25	0.31	1.78	20.7	184	2.7	115.5	11.75	113
	CCZ04527	16	17	1	84.4	17.6	30.9	3.5	64.9	0.9	4.24	12.7	0.27	1.54	19.1	147	3.6	95.8	9.92	142
2	CCZ04528	17	18	1	139.5	17.8	47	3.8	51.4	0.4	5.61	6.91	0.15	1.98	38.1	498	4.2	137	12.55	53
	CCZ04529	18	19	1	52	38.5	66	5.7	110	0.4	8.47	4.76	0.74	1.94	73.4	580	3	128	11.6	50
	CCZ04530	19	20	1	32.7	41.9	72.2	1.5	146	0.4	16	1.57	1.11	9.13	48.7	442	1.1	722	57.8	94
	Average				100.1	21.6	33.0	3.6	105.0	0.9	3.9	14.2	0.4	1.3	18.2	208.0	3.5	92.2	8.5	108.1

Source: ALS Adelaide methods ME-MS81 and PGM-MS23 used. Drillhole FG\_003RC drilled October 2022.

## **APPENDIX C: REE RESULTS / TREO CONVERSION FACTOR**

FIGURE B1: FENCE GOSSAN SURFACE SAMPLING – ALS METHOD ME-MS81 LABORATORY RESULTS

HoleID	Sampid	Easting	Northing	from	to 1	thickness	Th	U	Ce	La	Y	Dy	Er	Eu	Gd	Но	Lu	Nd	Pr	Sm	Tb	Tm	Yb	TREO (ppm)	TREO- Ce	LREO (ppm)	HREO (ppm)	CREO %	MREO %	MREO_%
FG SM T12	CCZ05627	574597.0	6454393.0	0	0.3	0.3	16.0	2.5	113.5	53.6	41.3	7,49	4.33	1.6	8.57	1.49	0.54	49.3	12.95	9.54	1.31	0.59	4.04	373.4	(ppm) 233.9	286.5	86.9	0.33	0.28	27.9
FG SM T13	CCZ05628	574601.0	6454194.0	0	0.3	0.3	12.9	2.1	77.7	37.2	36.6	5.95	3.91	1.33	6.33	1.36	0.54	34.9	8.87	6.74	1.03	0.58	3.7	273.2	177.7	198.3	74.9	0.35	0.27	27.3
FG_SM_T14	CCZ05629	574600.0	6453990.0	0	0.3	0.3	14.9	2.2	88.6	43.1	31.1	5.25	3.28	1.11	6.03	1.12	0.46	37.7	10.15	7.22	0.95	0.46	3.05	288.4	179.6	224.0	64.4	0.32	0.27	27.3
FG_SM_T15	CCZ05630	574600.0	6453791.0	0	0.3	0.3	12.8	1.8	73.9	36.2	30.4	5.16	3.17	1.21	6.01	1.09	0.4	33.4	8.87	6.81	0.91	0.48	3.01	254.0	163.3	190.8	63.2	0.34	0.28	28.1
FG_SM_T16	CCZ05631	574599.0	6453588.0	0	0.3	0.3	13.8	1.9	83.5	39.9	32.1	5.65	3.17	1.31	6.31	1.2	0.41	37.7	9.93	7.66	0.99	0.45	2.94	280.8	178.2	214.2	66.5	0.33	0.28	28.4
FG_SM_T17	CCZ05632	574602.0	6453389.0	0	0.3	0.3	14.4	2.0	85.2	41.1	33.3	5.52	3.58	1.19	6.08	1.19	0.55	37.4	9.9	6.89	0.92	0.55	3.7	285.5	180.8	216.4	69.0	0.33	0.27	27.3
FG_SM_T18	CCZ05633	574598.0	6453194.0	0	0.3	0.3	12.1	1.8	84.4	35.7	29	4.93	3.07	1.22	5.79	1.09	0.41	32.2	8.45	6.07	0.92	0.46	2.89	261.0	157.4	200.4	60.7	0.32	0.26	26.1
FG_SM_T19	CCZ05634	574601.0	6452990.0	0	0.3	0.3	13.7	1.9	84.5	41.5	34.6	5.92	3.95	1.34	6.61	1.24	0.48	38.1	9.89	7.45	1.01	0.55	3.64	289.8	186.0	217.5	72.3	0.34	0.28	27.8
FG_SM_T20	CCZ05635	574600.0	6452790.0	0	0.3	0.3	18.3	2.6	104.5	51.5	36.1	6.3	3.94	1.32	7.3	1.31	0.46	46.2	12	9.12	1.06	0.53	3.63	343.3	214.9	267.7	75.5	0.32	0.28	27.9
FG_SM_U12	CCZ05636	574800.0	6454396.0	0	0.3	0.3	17.9	2.4	108.5	51.6	37.6	6.73	3.74	1.49	7.61	1.33	0.51	46.7	12.8	9.28	1.15	0.58	3.54	352.9	219.6	274.5	78.4	0.32	0.28	27.9
FG_SM_U13	CCZ05637	574799.0	6454196.0	0	0.3	0.3	16.6	2.3	98.9	48.7	49.7	8.11	5.28	1.5	9.26	1.82	0.75	46.1	11.95	9.47	1.45	0.8	5.15	360.1	238.6	257.8	102.3	0.36	0.28	28.0
FG_SM_U14	CCZ05638	574802.0	6453995.0	0	0.3	0.3	12.5	2.0	75.1	37.5	42.2	6.24	4.31	1.12	6.31	1.49	0.59	33.9	8.91	6.78	0.99	0.71	4.43	278.0	185.8	194.4	83.6	0.37	0.27	26.5
FG_SM_U15	CCZ05639	574800.0	6453795.0	0	0.3	0.3	14.8	2.3	79.5	37.4	42	6.89	4.58	1.24	6.76	1.57	0.61	35.5	9.28	7.26	1.15	0.71	4.48	288.0	190.4	202.6	85.5	0.37	0.27	27.1
FG_SM_U16	CCZ05640	574803.0	6453599.0	0	0.3	0.3	14.5	2.1	84.8	42.7	37.9	6.2	3.87	1.33	6.34	1.3	0.56	37.9	10.05	7.54	1.06	0.58	3.72	296.1	192.0	219.3	76.8	0.35	0.27	27.3
FG_SM_U17	CCZ05641	574800.0	6453399.0	0	0.3	0.3	14.5	2.2	88.7	44.5	32.5	5.49	3.37	1.23	6.04	1.17	0.49	38.8	10.6	7.47	0.98	0.52	3.1	294.9	185.9	227.9	67.0	0.32	0.28	27.5
FG_SM_U18	CCZ05642	574800.0	6453199.0	0	0.3	0.3	13.4	2.1	78.3	38.8	32.3	5.35	3.28	1.2	5.69	1.09	0.46	35.1	9.27	7.11	0.86	0.45	3.09	267.7	171.6	202.1	65.7	0.34	0.28	27.7
FG_SM_U19	CCZ05643	574799.0	6453000.0	0	0.3	0.3	17.1	2.3	104.5	51	38.2	6.25	3.78	1.44	7.53	1.33	0.6	45.3	12.3	9.02	1.11	0.61	3.63	345.0	216.7	266.3	78.7	0.32	0.28	27.6
FG_SM_U20	CCZ05644	574801.0	6452798.0	0	0.3	0.3	18.4	2.9	105.5	50.5	38.3	6.25	3.97	1.39	7.23	1.35	0.57	45.7	12.2	8.94	1.1	0.57	3.64	345.8	216.2	267.2	78.6	0.32	0.28	27.5
FG_SM_V12	CCZ05645	574999.0	6454394.0	0	0.3	0.3	12.1	1.6	71.3	36.2	27.8	4.74	2.82	1.11	5.23	0.93	0.41	31.8	8.52	6.49	0.83	0.42	2.58	242.2	154.6	185.0	57.2	0.33	0.28	27.8
FG_SM_V13	CCZ05646	575001.0	6454190.0	0	0.3	0.3	15.0	2.2	105	50.3	44.2	7.19	4.65	1.25	7.83	1.55	0.67	45.2	12.1	8.95	1.24	0.66	4.09	355.3	226.3	265.7	89.6	0.34	0.27	27.1
FG_SM_V14	CCZ05647	574999.0	6453995.0	0	0.3	0.3	12.7	1.9	72.8	37.3	38.3	6.21	3.82	1.32	6.08	1.32	0.56	32.9	9.01	6.89	0.99	0.57	3.78	267.4	177.9	190.4	76.9	0.36	0.27	27.1
FG_SM_V15	CCZ05648	574999.0	6453792.0	0	0.3	0.3	15.8	3.3	130.5	64.6	63	10.85	6.35	2.31	11.9	2.23	0.88	62	16.3	13.05	1.84	0.97	5.99	473.0	312.7	343.2	129.8	0.36	0.29	28.6
FG_SM_V16	CCZ05649	575004.0	6453591.0	0	0.3	0.3	16.2	2.7	100	49.9	39.1	6.6	4.1	1.33	7.36	1.37	0.62	43.5	11.6	8.71	1.1	0.61	3.81	336.8	213.9	256.2	80.5	0.33	0.27	27.4
FG_SM_V17	CCZ05650	575000.0	6453393.0	0	0.3	0.3	14.5	2.3	88.5	45.1	30.8	6.15	3.83	1.35	0.00	1.32	0.55	40.8	0.27	7.87	1.02	0.55	3.52	306.4	197.7	231.1	75.3	0.34	0.28	27.9
FG_SM_V18	CCZ05652	57/000 0	6452001.0	0	0.3	0.3	13.1	2.4	73.9	36.6	31.4	5.23	3.23	1.23	5.09	1.09	0.40	32	9.57	6.42	0.9	0.49	3.10	209.7	161.8	189.0	63.6	0.33	0.27	27.3
FG_SM_V19	CCZ05653	575001.0	6452793.0	0	0.3	0.3	15.1	2.2	82.2	41.6	34.3	5 31	3.46	1.04	5.99	1.00	0.49	36.5	9.89	7 19	0.86	0.49	3.14	281.5	180.5	212.6	68.9	0.34	0.27	27.1
FG SM W12	CCZ05654	575202.0	6454400.0	0	0.3	0.3	16.3	2.2	93.7	45.8	39.4	6.58	4.06	1.37	7.54	1.10	0.57	42.3	11.35	8.53	1.16	0.61	3.97	323.1	208.0	241.8	81.4	0.34	0.21	28.0
FG SM W13	CCZ05655	575203.0	6454197.0	0	0.3	0.3	19.5	2.4	91.8	43.7	41.6	6.6	4.21	1.24	7.31	1.43	0.63	39.8	10.8	8.39	1.1	0.64	4.12	317.4	204.6	233.2	84.1	0.35	0.27	27.3
FG SM W14	CCZ05656	575203.0	6453997.0	0	0.3	0.3	13.2	2.3	93.2	46.2	40	6.6	4.11	1.41	7.1	1.44	0.58	41.3	11.05	8.3	1.1	0.58	3.75	321.2	206.8	239.8	81.4	0.34	0.27	27.5
FG_SM_W15	CCZ05657	575200.0	6453793.0	0	0.3	0.3	12.5	2.4	106	50.7	49	8.36	4.86	1.79	9.19	1.71	0.71	47.7	12.05	10.15	1.45	0.73	4.46	372.1	241.9	271.6	100.4	0.35	0.28	27.9
FG_SM_W16	CCZ05658	575203.0	6453593.0	0	0.3	0.3	15.8	2.7	102.5	52.5	42.6	6.76	4.16	1.46	7.46	1.4	0.67	44.8	12.2	9.06	1.2	0.67	4.17	351.2	225.3	265.0	86.2	0.33	0.27	27.1
FG_SM_W17	CCZ05659	575198.0	6453396.0	0	0.3	0.3	14.6	2.1	90.2	47.8	30.3	5.44	3.08	1.5	6.4	1.08	0.43	42.7	11.85	8.4	0.94	0.47	2.71	304.5	193.7	240.7	63.8	0.32	0.29	29.1
FG_SM_W18	CCZ05660	575201.0	6453200.0	0	0.3	0.3	15.7	3.0	98.4	52.8	38.7	6.24	4	1.44	7.08	1.36	0.58	43.3	11.8	8.71	1.06	0.61	3.95	337.0	216.2	257.7	79.4	0.33	0.27	27.1
FG_SM_W19	CCZ05661	575204.0	6452996.0	0	0.3	0.3	12.4	1.9	69.2	35.5	34	5.23	3.68	1.21	5.16	1.15	0.61	32.4	8.49	6.17	0.81	0.59	3.75	250.5	165.5	181.8	68.6	0.36	0.27	27.2
FG_SM_W20	CCZ05662	575202.0	6452795.0	0	0.3	0.3	13.7	2.4	58.2	32	28.9	4.49	3.02	0.95	4.72	0.96	0.47	26.4	7.33	5.19	0.7	0.45	3.13	213.1	141.6	154.7	58.4	0.35	0.27	26.8
FG_SM_X12	CCZ05663	575399.0	6454396.0	0	0.3	0.3	19.3	2.3	109	52.7	54.8	8.73	6.03	1.34	8.22	1.9	0.84	45.7	12.4	9.23	1.34	0.92	5.47	384.2	250.3	274.7	109.5	0.35	0.26	26.0
FG_SM_X13	CCZ05664	575400.0	6454192.0	0	0.3	0.3	15.4	3.0	99	48	51.2	8.67	5.28	1.3	8.88	1.83	0.74	44.1	11.7	9.48	1.51	0.81	4.8	358.3	236.7	254.5	103.9	0.36	0.27	27.5
FG_SM_X14	CCZ05665	575402.0	6453996.0	0	0.3	0.3	20.7	3.3	153	82.7	56.1	9.61	5.75	1.85	9.91	2.06	0.86	62.8	17.2	12.25	1.62	0.83	5.35	507.9	319.9	393.2	114.7	0.31	0.26	26.1
FG_SM_X15	CCZ05666	575400.0	6453795.0	0	0.3	0.3	15.6	2.6	98.8	50.4	34.2	5.79	3.24	1.36	6.92	1.18	0.47	42.2	11.35	8.32	1	0.49	3.09	323.5	202.2	253.1	70.5	0.32	0.27	27.3
FG_SM_X16	CCZ05667	575399.0	6453591.0	0	0.3	0.3	15.1	2.8	112.5	59.4	42.4	7.17	4.39	1.72	8.12	1.48	0.62	49.2	13.3	9.16	1.21	0.66	4.07	379.6	241.4	291.9	87.7	0.32	0.27	27.2
FG_SM_X17	CCZ05668	575402.0	6453394.0	0	0.3	0.3	13.7	2.3	98.5	49.7	32.3	5.61	3.28	1.55	6.79	1.16	0.49	43.3	11.75	8.75	1.01	0.47	3.27	322.3	201.3	254.1	68.2	0.31	0.28	28.0
FG_SM_X18	CCZ05669	575404.0	6453192.0	0	0.3	0.3	13.9	2.5	126.5	53.2	45.3	7.54	5	1.95	8.49	1.59	0.76	53.9	13.7	11	1.3	0.74	4.77	404.4	249.0	310.0	94.4	0.33	0.28	27.7
FG_SM_X19	CCZ05670	575398.0	6452993.0	0	0.3	0.3	17.1	2.7	106.5	50.9	37.6	6.32	3.96	1.52	7.16	1.28	0.56	44.9	12.25	8.79	1.07	0.54	3.71	345.6	214.8	267.9	77.7	0.32	0.27	27.2
FG_SM_X20	CCZ05671	575400.0	6452792.0	0	0.3	0.3	14.7	2.5	96.4	47.4	37.4	5.94	3.85	1.5	6.75	1.28	0.58	41.6	11.45	8.28	1.03	0.59	3.64	322.4	203.9	246.0	76.4	0.33	0.27	27.2
FG_SM_Y12	CCZ05672	575600.0	6454397.0	0	0.3	0.3	18.1	2.5	111.5	57.8	45.3	8.02	4.8	1.54	8.88	1.63	0.63	52.8	14.2	10.35	1.36	0.71	4.23	389.5	252.6	295.5	94.0	0.34	0.29	28.7
FG_SM_Y13	CCZ05673	575592.0	6454191.0	0	0.3	0.3	11.1	2.5	102	51.6	42.3	7.62	4.41	1.46	8.1	1.51	0.65	46.3	11.95	9.22	1.26	0.69	4.13	352.9	227.6	264.9	88.0	0.34	0.28	28.0

EG SM Y14	CCZ05674	575600.0	6453999.0	0	0.3	0.3	18.3	29	125.5	63.1	50.9	85	5 34	1.58	8 97	1 79	0.83	52.2	14 55	10.6	1 46	0.78	4 88	422.8	268.6	318.9	103.8	0.33	0.27	26.6
	00200071	575500.0	0100000.0	0	0.0	0.0	14.0	2.0	140	50.1	44.0	0.0	4.40	1.00	7.47	1.00	0.00	40.0	40.0	0.14	1.10	0.00	2.07	075.4	200.0	000.0	04.4	0.00	0.27	07.0
FG_SM_Y15	CC205675	575599.0	6453797.0	0	0.3	0.3	14.3	2.7	112	59.1	41.9	6.45	4.12	1.5	1.47	1.36	0.62	49.2	13.3	9.14	1.18	0.62	3.87	375.4	237.8	290.9	84.4	0.32	0.27	27.0
FG_SM_Y16	CCZ05676	575600.0	6453598.0	0	0.3	0.3	16.2	2.6	100.5	52.4	29.2	4.77	2.82	1.26	5.89	0.98	0.4	43.1	12.1	8	0.89	0.45	2.73	319.4	195.9	259.1	60.3	0.30	0.27	27.4
FG_SM_Y17	CCZ05677	575600.0	6453400.0	0	0.3	0.3	12.7	2.2	77.4	40.6	35.4	5.79	3.5	1.33	6.34	1.18	0.49	36.2	9.73	7.52	0.96	0.53	3.45	277.4	182.3	205.4	72.0	0.35	0.28	28.0
FG_SM_Y18	CCZ05678	575598.0	6453200.0	0	0.3	0.3	17.8	2.8	107.5	53.5	36.4	6.05	3.51	1.59	7.03	1.28	0.51	47.6	12.55	8.92	1.08	0.55	3.43	350.8	218.7	275.8	75.0	0.32	0.28	27.7
EG SM V10	CC705679	575600.0	6452995.0	0	03	0.3	18.4	28	105	55.9	40.4	6.74	3.04	1 53	7 72	1 38	0.6	10.0	13.7	9.87	1 1/	0.63	3.8	363.6	234.6	280.7	82.0	0 33	0.20	28.7
	00705000	575000.0	0452333.0	0	0.0	0.0	10.4	2.0	100	55.5		0.74	0.54	1.00	7.72	1.00	0.0	40.0	10.7	3.07	1.14	0.00	0.0	000.0	204.0	200.7	02.0	0.00	0.23	20.7
FG_SM_Y20	CC205680	575598.0	6452799.0	0	0.3	0.3	19.3	2.8	115	56	37.4	6.46	3.52	1.33	7.56	1.26	0.52	51.4	13.65	9.9	1.14	0.55	3.27	371.8	230.5	294.9	76.9	0.32	0.28	28.3
FG_SM_Z12	CCZ05681	575795.0	6454397.0	0	0.3	0.3	17.7	2.8	126.5	65.3	61.7	9.72	5.93	1.61	10.45	2.09	0.82	58.5	15.85	11.7	1.71	0.88	5.55	455.8	300.4	332.9	122.9	0.35	0.28	27.7
FG_SM_Z13	CCZ05682	575791.0	6454200.0	0	0.3	0.3	14.1	2.8	113.5	58.9	52.5	8.7	5.3	1.83	9.14	1.89	0.75	52.3	13.75	10.15	1.5	0.82	4.83	404.5	265.1	297.9	106.6	0.35	0.28	27.6
FG_SM_Z14	CCZ05683	575806.0	6453995.0	0	0.3	0.3	14.3	2.0	85.7	43.9	36.2	6.8	3.96	1.48	6.8	1.34	0.5	41.2	11	8.07	1.16	0.59	3.6	303.6	198.3	227.5	76.1	0.35	0.29	28.9
FG SM Z15	CCZ05684	575799.0	6453795.0	0	0.3	0.3	13.1	29	129	66.4	32.1	5.82	3 12	1.54	7.34	1.11	0.4	51.4	15.1	9.37	1.12	0.43	28	393.4	234.9	325.4	68.0	0.28	0.27	26.8
EC SM 716	00200001	575700.0	6452504.0	0	0.2	0.2	12.0	2.5	70.7	20.9	20.9	5.46	2.22	1 22	5.02	1.2	0.46	26.5	0.66	7 10	0.06	0.49	2.0	270.6	172.0	205.0	64.7	0.22	0.29	20.0
FG_3W_2T0	00203085	575755.0	0433394.0	0	0.5	0.5	12.5	2.5	10.1	39.0	30.0	5.40	5.55	1.55	5.92	1.2	0.40	50.5	9.00	7.10	0.90	0.40	J.1	270.0	175.5	203.9	04.7	0.55	0.20	20.4
FG_SM_217	CC205686	575797.0	6453396.0	0	0.3	0.3	12.4	2.3	83.3	45.3	44.8	6.7	4.24	1.61	7.39	1.49	0.62	41.2	10.75	8.02	1.18	0.61	3.91	314.6	212.2	225.8	88.8	0.37	0.28	28.0
FG_SM_Z18	CCZ05687	575798.0	6453193.0	0	0.3	0.3	17.2	2.7	111.5	54	49	7.87	5	1.77	8.66	1.69	0.72	48.5	13	9.51	1.33	0.76	4.85	383.3	246.4	283.6	99.7	0.34	0.27	27.1
FG_SM_Z19	CCZ05688	575802.0	6452992.0	0	0.3	0.3	18.1	3.0	108	55.1	45.8	7.17	4.48	1.29	7.39	1.53	0.65	47.6	13.1	8.86	1.26	0.72	4.4	370.2	237.6	278.9	91.3	0.34	0.27	27.0
FG_SM_Z20	CCZ05689	575800.0	6452800.0	0	0.3	0.3	17.3	2.7	118.5	60.5	35.5	6	3.5	1.42	7.06	1.2	0.49	50.2	14.25	9.27	1.07	0.53	3.32	376.4	230.8	303.0	73.3	0.30	0.27	27.3
FG SM AA12	CCZ05690	576000.0	6454400.0	0	0.3	0.3	13.0	2.0	86.6	44.2	42.2	6.77	4 39	1.26	72	1.49	0.59	40.6	10.5	8 4 1	1.22	0.64	3.95	313.2	206.8	228.0	85.2	0.36	0.28	27.9
EC SM AA12	00705601	576002.0	6454109.0	0	0.2	0.2	12.7	2.0	100 5	54.2	11.0	7 1 5	4.24	1.64	7.07	1.52	0.50	40.2	12.25	0.69	1.20	0.62	2.02	250 /	224.0	272.0	96.4	0.24	0.20	20.0
FG_SWI_AA13	0.0705000	576002.0	0454198.0	0	0.3	0.3	15.7	2.0	100.5	54.5	41.0	7.15	4.24	1.04	7.97	1.00	0.59	49.5	13.35	9.00	1.52	0.03	3.93	336.4	234.9	272.0	00.4	0.34	0.29	29.0
FG_SM_AA14	CCZ05692	575997.0	6453998.0	0	0.3	0.3	15.0	2.9	107.5	53.9	36.6	6.55	4.24	1.34	7.24	1.42	0.55	46.4	12.65	9.51	1.18	0.56	4.08	353.4	221.3	275.7	77.7	0.31	0.28	27.6
FG_SM_AA15	CCZ05693	575999.0	6453799.0	0	0.3	0.3	10.4	3.3	130.5	65.2	39.8	7.79	4.09	1.94	8.2	1.51	0.47	57.6	15.4	9.7	1.21	0.66	3.95	418.6	258.3	333.8	84.8	0.31	0.28	27.9
FG_SM_AA16	CCZ05694	576003.0	6453601.0	0	0.3	0.3	13.7	2.1	85	44.6	30.6	5.37	3.05	1.38	6.23	1.06	0.44	38.5	10.5	7.5	0.93	0.46	2.89	286.9	182.5	223.0	63.9	0.32	0.28	28.1
FG_SM_AA17	CCZ05695	575999.0	6453398.0	0	0.3	0.3	12.0	2.1	72.6	38	29.7	5.09	2.99	1.14	5.74	1.04	0.46	33.4	8.92	6.18	0.89	0.44	2.79	252.0	162.8	190.7	61.4	0.34	0.28	27.9
FG SM AA18	CCZ05696	575999.0	6453197.0	0	0.3	0.3	15.3	2.6	92.9	48.1	40.7	6.28	3.88	1.33	6.74	1.32	0.63	42.6	11.5	8.04	1.12	0.63	4.03	324.9	210.8	243.4	81.5	0.34	0.27	27.5
EG SM AA19	CC705697	576006.0	6453003.0	0	03	0.3	173	28	106.5	54.2	33.3	5 53	3 1 2	1 30	7.01	1 13	0.45	46.4	12 75	8 77	1.07	0.49	2.03	342.0	212.1	27/ 1	68.9	0.31	0.28	27.8
	00205000	570000.0	0450303.0	0	0.0	0.0	17.5	2.0	100.0	04.2	00.0	0.00	0.12	1.00	7.01	1.10	0.40	-0.4	12.75	7.47	1.07	0.40	2.55	042.0	477.5	214.1	50.0	0.01	0.20	21.0
FG_SM_AA20	CC205698	576002.0	6452797.0	0	0.3	0.3	13.4	2.2	84.2	44.4	28.4	4.58	2.85	1.46	5.98	0.94	0.41	38.6	10.65	7.17	0.9	0.42	2.63	280.9	177.5	221.7	59.2	0.32	0.28	28.3
FG_SM_AB12	CCZ05699	576200.0	6454398.0	0	0.3	0.3	17.9	2.6	107.5	54	45.8	7.49	4.82	1.27	8.23	1.52	0.63	49	13.4	9.79	1.36	0.72	4.47	373.3	241.2	280.1	93.2	0.34	0.28	28.0
FG_SM_AB13	CCZ05700	576202.0	6454197.0	0	0.3	0.3	14.8	2.1	91.3	48	37.5	6.21	3.66	1.42	7.19	1.33	0.54	42.5	11.3	8.53	1.1	0.56	3.45	318.4	206.3	241.6	76.9	0.34	0.28	28.2
FG_SM_AB14	CCZ05701	576201.0	6453998.0	0	0.3	0.3	13.8	2.4	105.5	57.5	37.7	6.32	3.64	1.68	7.73	1.29	0.48	48.3	13.15	9.83	1.18	0.53	3.27	358.5	228.9	280.7	77.9	0.32	0.28	28.2
FG SM AB15	CCZ05702	576201.0	6453797.0	0	0.3	0.3	11.2	3.4	105	62.5	39.9	6.13	3.61	1.51	7.17	1.28	0.54	45.7	12.75	8.12	1.1	0.54	3.39	360.1	231.1	280.4	79.7	0.32	0.26	26.3
EG SM AB16	CC705703	576200.0	6453598.0	0	03	03	14.0	25	87.8	15.1	27 /	4.54	2.82	12	5.8	0.96	0.4	30	10.7	6.88	0.9	0.45	27	285.0	177 1	227.5	57 5	0.31	0.28	27.8
TO_SM_ADIO	00705704	570200.0	0450000.0	0	0.0	0.0	14.0	2.5	74.0	-10.7	21.4	5.04	2.02	1.2	5.0	0.50	0.4	00.0	0.70	0.00	0.3	0.40	2.1	200.0	100.0	400.4	07.0	0.01	0.20	27.0
FG_SMI_AB17	CC205704	576199.0	6453396.0	0	0.3	0.3	12.5	2.2	/1.6	37.4	32	5.21	3.4	1.12	5.66	1.09	0.44	33.0	8.73	6.47	0.87	0.46	3.05	254.2	166.2	189.1	65.1	0.35	0.28	27.8
FG_SM_AB18	CCZ05705	576200.0	6453195.0	0	0.3	0.3	18.8	3.2	117.5	60.1	58.4	9.2	5.97	1.63	8.77	1.98	0.92	51.2	14.25	9.62	1.54	0.96	5.71	419.2	274.8	302.9	116.3	0.35	0.26	26.4
FG_SM_AB19	CCZ05706	576200.0	6452999.0	0	0.3	0.3	19.1	3.2	116	59.6	38	6.34	3.74	1.43	7.55	1.28	0.52	50.3	14.1	9.61	1.16	0.58	3.57	377.6	235.1	299.2	78.3	0.31	0.28	27.6
FG_SM_AB20	CCZ05707	576198.0	6452797.0	0	0.3	0.3	18.3	3.2	109.5	56.5	36.6	5.95	3.55	1.43	7.49	1.22	0.52	47.2	12.85	8.51	1.09	0.55	3.5	356.8	222.3	281.2	75.5	0.31	0.27	27.2
FG_SM_AC12	CCZ05708	576403.0	6454399.0	0	0.3	0.3	14.6	2.0	78.2	40.5	34.7	5.59	3.5	1.21	5.74	1.18	0.5	36.2	9.62	7.25	0.95	0.56	3.4	275.9	179.8	205.8	70.0	0.35	0.28	27.7
FG SM AC13	CCZ05709	576402.0	6454197.0	0	0.3	0.3	11.2	1.8	89.1	46	31	5.27	3.16	1.63	6.34	1.08	0.43	40.6	11.25	8.08	0.99	0.5	2.87	298.7	189.2	233.7	65.0	0.32	0.28	28.4
EG SM AC14	00705710	576402.0	6453008.0	0	0.3	0.3	14.2	2.2	86.4	11.1	30.5	5.04	2.91	1.28	5 56	1.07	0.44	38.0	10.45	7.4	0.88	0.42	2.72	286.7	180.6	224.8	62.0	0.32	0.28	27.8
TO_0M_A014	00205744	570402.0	0453330.0	0	0.0	0.0	14.0	2.2	442.5	70.0	40.0	7.05	2.01	1.20	0.00	1.07	0.44	00.7	45.05	11.7	0.00	0.42	2.12	200.7	070.0	227.0	02.0	0.02	0.20	27.0
FG_SM_AC15	CC205711	576400.0	6453794.0	0	0.3	0.3	11.8	3.9	143.5	12.2	43.3	7.85	4.42	1.94	9.23	1.01	0.6	60.7	15.65	11.2	1.38	0.63	4.12	455.1	278.9	303.0	91.5	0.30	0.27	21.2
FG_SM_AC16	CCZ05712	576403.0	6453599.0	0	0.3	0.3	16.2	2.6	113	55.1	32.2	5.92	3.02	1.45	6.86	1.17	0.44	48.9	13	8.85	0.99	0.44	2.95	354.0	215.2	286.4	67.6	0.30	0.28	27.9
FG_SM_AC17	CCZ05713	576402.0	6453397.0	0	0.3	0.3	15.8	2.3	101	50.8	36.2	6.39	3.55	1.56	7.35	1.33	0.48	46.8	12.2	8.94	1.09	0.51	3.34	338.7	214.7	263.3	75.4	0.33	0.29	28.6
FG_SM_AC18	CCZ05714	576401.0	6453199.0	0	0.3	0.3	15.7	2.7	102	50.8	44.5	7.27	4.54	1.28	7.67	1.57	0.67	46.5	11.85	8.65	1.16	0.65	4.42	353.5	228.2	263.5	90.1	0.34	0.27	27.5
FG_SM_AC19	CCZ05715	576402.0	6452999.0	0	0.3	0.3	18.9	3.1	116.5	56.5	32.5	6.02	3.33	1.42	7.73	1.2	0.44	51.5	13.9	9.53	1.11	0.44	3.09	367.0	223.9	297.3	69.7	0.30	0.29	28.6
FG SM AC20	CCZ05716	576398.0	6452800.0	0	0.3	0.3	20.2	3.7	229	115	38.4	7.22	3.71	2.02	9.82	1.41	0.5	89.7	25.5	14.7	1.4	0.49	3.34	651.8	370.5	568.7	83.1	0.25	0.27	26.7
EC SM AD12	CC705717	576600.0	6454300.0	0	0.3	0.3	13.3	2.4	03.4	45.4	33.6	5.62	3.4	1.24	6.4	1.25	0.48	40.3	10.5	6.08	0.96	0.5	3 37	305.1	100 /	225.8	60.3	0.32	0.27	27.1
FG_SW_AD12	00203717	570000.0	04544939.0	0	0.5	0.5	10.0	2.4	93.4	43.4	07.0	5.02	5.4	1.24	0.4	1.20	0.40	40.5	10.5	0.90	0.90	0.5	0.57	303.1	190.4	2005.5	09.0	0.32	0.27	27.1
FG_SM_AD13	CC205718	576602.0	6454197.0	0	0.3	0.3	11.7	2.0	87.8	44.2	37.8	7.21	4.01	1.62	7.6	1.36	0.48	44.6	11.75	8.29	1.22	0.58	3.58	315.3	207.4	235.5	79.8	0.35	0.30	29.9
FG_SM_AD14	CCZ05719	576601.0	6453992.0	0	0.3	0.3	14.1	2.3	89.4	46	37.3	6.8	4.11	1.7	6.92	1.4	0.57	45	11.7	8.21	1.12	0.59	3.97	318.5	208.7	239.9	78.6	0.35	0.29	29.3
FG_SM_AD15	CCZ05720	576602.0	6453794.0	0	0.3	0.3	12.3	3.9	93	52.4	28.1	5.2	3.25	1.34	6.16	1.06	0.39	40.9	11.2	7.4	0.93	0.46	2.88	306.1	191.9	245.5	60.6	0.30	0.27	27.4
FG_SM_AD16	CCZ05721	576601.0	6453596.0	0	0.3	0.3	15.0	2.7	93	45.2	32.1	6.16	3.42	1.46	6.65	1.26	0.47	43.6	11.5	7.9	1.06	0.48	3.09	309.6	195.3	241.2	68.4	0.33	0.29	29.0
FG_SM AD17	CCZ05722	576600.0	6453393.0	0	0.3	0.3	17.1	2.9	114	53.6	40.4	7.1	4.41	1.6	7.79	1.38	0.59	50.8	13.4	9.16	1.17	0.59	3.78	372.9	232.9	289.0	83.9	0.33	0.28	28.0
FG SM AD18	CC705723	576602.0	6453193.0	0	0.3	0.3	20.1	3.3	124.5	61.3	42 1	7.57	4 4 9	1.58	8 14	1 46	0.61	56.6	15.75	10.35	1.38	0.6	3 94	409.5	256.6	321.9	87.7	0.32	0.29	28.5
	CC705724	576500.0	6452005.0	0	0.0	0.0	21.2	2.0	1/5	70.6	10.9	7.01	3.97	1.00	9.00	1 / 1	0.57	62.1	16.6	11 4	1.00	0.57	3.95	151.0	272.0	366.6	Q/ /	0.02	0.20	20.0
TO_SIVI_AD 19	00200724	5700595.0	0452990.0	U	0.5	0.5	21.3	3.0	140	70.0	40.0	7.01	3.07	1.01	0.29	1.41	0.02	02.1	10.0	11.4	1.24	0.57	0.00	431.0	212.3	0.000	04.4	0.50	0.20	21.1
FG_SM_AD20	CCZ05725	576600.0	6452793.0	0	0.3	0.3	20.7	3.8	153.5	75.7	41	7.44	4.05	1.77	8.8	1.48	0.59	65.1	17.5	11.25	1.32	0.57	3.67	473.6	285.1	387.5	86.2	0.30	0.28	27.5
FG_SM_AE12	CCZ05726	576799.0	6454395.0	0	0.3	0.3	13.5	1.8	78.4	39.5	30.4	5.28	3.17	1.22	6.08	1.09	0.44	38.1	9.65	6.89	0.87	0.44	3	270.1	173.8	206.7	63.4	0.34	0.29	28.9

FC CM AE42	00705707	E76002.0	C4E410E 0	0	0.2	0.2	15.4	2.2	104	E1 4	27 E	6 60	2.06	1 5 0	7 4 7	1 20	0.51	47.0	10 EE	0.12	1 1 1	0.54	2.40	247 E	210.7	260.6	77.0	0.22	0.00	20 E
FG_SM_AETS	00205727	576603.0	6454195.0	0	0.3	0.5	15.4	2.3	104	51.4	37.5	0.09	3.00	1.52	7.17	1.30	0.51	47.9	12.55	9.12	1.14	0.54	5.49	347.5	219.7	209.0	77.0	0.33	0.20	20.0
FG_SM_AE14	CCZ05728	576803.0	6453996.0	0	0.3	0.3	15.1	2.4	101.5	51.5	34.7	6.15	3.59	1.4	7.13	1.27	0.54	46.3	11.9	8.5	1.09	0.51	3.35	336.1	211.5	263.3	72.8	0.32	0.28	28.2
FG_SM_AE15	CCZ05729	576802.0	6453796.0	0	0.3	0.3	12.4	2.2	78.4	40.3	28.3	4.86	2.88	1.16	5.53	1.01	0.39	35.6	9.42	6.97	0.84	0.42	2.64	263.2	166.9	204.6	58.6	0.32	0.28	28.1
FG_SM_AE16	CCZ05730	576800.0	6453594.0	0	0.3	0.3	14.1	2.7	120	55.6	48.3	7.72	4.79	1.66	7.99	1.76	0.74	52	13.45	9.33	1.3	0.73	4.79	397.8	250.4	300.3	97.5	0.34	0.27	27.0
FG_SM_AE17	CCZ05731	576803.0	6453397.0	0	0.3	0.3	15.1	2.6	119.5	55.8	35.6	6.22	3.66	1.52	7.33	1.29	0.46	52.1	13.55	9.36	1.1	0.49	3.29	374.6	227.8	300.2	74.3	0.31	0.28	28.0
FG_SM_AE18	CCZ05732	576802.0	6453196.0	0	0.3	0.3	22.1	3.4	147	69.4	40.2	7.46	3.9	1.6	8.73	1.42	0.53	62.3	16.6	11.25	1.28	0.56	3.7	452.3	271.7	367.7	84.6	0.30	0.28	27.8
FG SM AE19	CCZ05733	576805.0	6453000.0	0	0.3	0.3	20.1	3.5	167	77.4	37.6	6.71	3.65	1.68	8.65	1.4	0.5	68	18.4	11.75	1.26	0.55	3.6	491.0	285.9	411.1	79.9	0.28	0.27	27.4
FG SM AE20	CCZ05734	576803.0	6452797.0	0	0.3	0.3	20.9	3.7	134	64.4	48.5	8	4.98	1.55	8,49	1.66	0.76	58.8	15.4	10.15	1.26	0.79	5.08	438.1	273.5	339.1	99.0	0.33	0.27	27.3
FG SM AF12	CC705735	577004.0	6454394.0	0	0.3	0.3	15.0	21	88.3	42.7	38	63	3.83	12	6.62	1 36	0.53	40.4	10.45	73	1.02	0.57	3.83	304.0	195.6	226.8	77.3	0.35	0.28	27.7
FC SM AF12	00200700	577002.0	6454109.0	0	0.0	0.0	16.7	2.1	120	-12.1 64.4	42.6	7.64	4.22	1.2	0.02	1.50	0.00	60.7	16.05	10.0	1.02	0.62	2.0	426.9	267.2	247.0	00.0	0.00	0.20	21.1
FG_SM_AF15	00705707	577002.0	0454196.0	0	0.3	0.5	10.7	2.0	100	54.4	42.0	7.04	4.23	1.07	0.07	1.00	0.00	00.7	10.05	7.00	1.52	0.05	0.77	430.0	207.2	347.9	00.9	0.31	0.20	20.2
FG_SM_AF14	CC205737	577001.0	6453993.0	0	0.3	0.3	15.2	2.9	105	51.5	29.8	5.56	3.04	1.26	6.42	1.15	0.41	44.9	11.95	7.82	0.97	0.45	2.77	328.4	199.4	265.3	63.2	0.30	0.28	27.6
FG_SM_AF15	CCZ05738	577001.0	6453795.0	0	0.3	0.3	15.6	2.6	113	57.1	34	6.15	3.24	1.44	7.25	1.18	0.44	51.2	13.5	9.06	1.07	0.45	3.08	363.4	224.6	292.3	71.1	0.31	0.28	28.4
FG_SM_AF16	CCZ05739	577001.0	6453595.0	0	0.3	0.3	16.9	2.7	125.5	61.7	36.8	6.77	3.87	1.66	8.06	1.36	0.46	55.8	14.7	10.05	1.24	0.5	3.42	399.2	245.0	321.0	78.1	0.31	0.28	28.3
FG_SM_AF17	CCZ05740	577003.0	6453394.0	0	0.3	0.3	18.6	3.6	122.5	60	53.5	8.35	5.75	1.37	8.18	1.88	0.82	53.1	14	9.46	1.32	0.87	5.57	417.8	267.3	310.7	107.1	0.34	0.26	26.4
FG_SM_AF18	CCZ05741	577004.0	6453196.0	0	0.3	0.3	20.0	3.2	135	66.3	37.2	6.58	3.71	1.51	8.01	1.35	0.48	59	15.85	10.6	1.22	0.5	3.22	421.6	255.8	343.9	77.8	0.30	0.28	28.1
FG_SM_AF19	CCZ05742	577001.0	6452996.0	0	0.3	0.3	21.8	3.9	146.5	72.1	42.6	7.7	4.28	1.8	9.27	1.55	0.58	64	17.05	12.05	1.33	0.63	4.03	463.6	283.7	373.7	89.9	0.30	0.28	28.1
FG_SM_AF20	CCZ05743	577004.0	6452793.0	0	0.3	0.3	16.9	3.0	106	51.8	33.3	6.01	3.13	1.43	6.8	1.17	0.42	46.6	12.35	8.63	1	0.44	3.03	339.5	209.2	270.2	69.2	0.31	0.28	28.0
FG SM AG12	CCZ05744	577200.0	6454399.0	0	0.3	0.3	12.5	2.0	93.3	44.8	41.4	7.32	4.16	1.34	7.5	1.49	0.58	42.9	11.15	8.26	1.2	0.59	3.84	325.0	210.4	240.2	84.8	0.35	0.28	28.2
FG SM AG13	CC705745	577200.0	6454200.0	0	0.3	0.3	19.0	27	106	52.9	37.7	673	4 23	14	7.36	1.36	0.55	48.9	12.5	9.34	1.26	0.57	3.82	354.4	224.2	275.2	79.2	0.33	0.28	28.4
EG SM AG14	CC705746	577201.0	6454000.0	0	0.3	0.3	17.9	3.0	123.5	60.3	33.0	5.78	3.42	1 59	7 59	1.26	0.47	53	13.0	9.17	1 12	0.48	3.33	383.5	231.8	311.7	71.8	0.30	0.28	27.6
EC SM AG15	00200740	577201.0	6452900.0	0	0.0	0.0	16.7	2.0	120.0	52.9	25.5	6.25	2 72	1.00	7.00	1.20	0.51	47.2	10.0	0.41	1.12	0.40	2.71	257.2	201.0	202.2	75.1	0.30	0.20	27.0
FG_SM_AG15	00705740	577201.0	0453600.0	0	0.3	0.3	10.7	2.0	112	55.0	35.5	0.35	5.75	1.40	7.30	1.0	0.51	47.5	12.75	9.41	1.14	0.57	3.71	307.5	219.7	202.2	75.1	0.31	0.20	27.0
FG_SM_AG16	CC205748	577203.0	6453597.0	0	0.3	0.3	15.6	2.4	101	49	32.4	5.78	3.45	1.27	6.2	1.2	0.47	43.6	11.6	8.09	1.03	0.51	3.23	323.5	199.4	255.8	67.7	0.31	0.28	27.6
FG_SM_AG17	CCZ05749	577202.0	6453396.0	0	0.3	0.3	15.7	2.8	101	50.3	47.5	7.56	5.04	1.53	7.37	1.7	0.71	45	11.95	8.97	1.18	0.76	4.88	356.0	231.9	260.4	95.6	0.35	0.27	26.9
FG_SM_AG18	CCZ05750	577202.0	6453199.0	0	0.3	0.3	15.5	2.9	106	53.2	37.3	6.15	3.85	1.48	6.86	1.32	0.62	45.7	12.15	8.25	1.08	0.6	3.96	347.3	217.1	270.2	77.1	0.32	0.27	27.0
FG_SM_AG19	CCZ05751	577202.0	6452995.0	0	0.3	0.3	19.1	3.3	121	58.9	47.8	7.8	4.7	1.52	7.97	1.6	0.72	51.9	14.1	9.84	1.28	0.72	4.65	402.9	254.3	306.7	96.2	0.33	0.27	27.0
FG_SM_AG20	CCZ05752	577203.0	6452796.0	0	0.3	0.3	17.9	3.3	104.5	50.2	38.9	6.49	3.94	1.37	6.88	1.37	0.62	45.4	11.9	8.61	1.14	0.58	3.79	344.0	215.7	264.6	79.5	0.33	0.27	27.3
FG_SM_AH12	CCZ05753	577402.0	6454398.0	0	0.3	0.3	13.2	1.9	80.5	40	29.1	5.13	3.13	1.28	5.87	1.06	0.44	37	9.63	7.38	0.88	0.45	2.83	270.3	171.4	209.1	61.2	0.33	0.29	28.5
FG_SM_AH13	CCZ05754	577399.0	6454196.0	0	0.3	0.3	14.3	2.7	89.2	43.9	32.5	5.66	3.52	1.31	5.73	1.14	0.47	39.3	10.4	7.56	0.98	0.5	3.41	295.6	186.0	228.2	67.4	0.33	0.28	27.5
FG_SM_AH14	CCZ05755	577399.0	6453998.0	0	0.3	0.3	16.4	2.7	93.3	46.3	28.9	5.21	2.92	1.28	6	1.04	0.39	41.4	10.5	7.77	0.9	0.45	2.69	299.6	185.0	238.9	60.7	0.31	0.28	28.0
FG SM AH15	CCZ05756	577400.0	6453799.0	0	0.3	0.3	15.7	3.7	131.5	64.8	37	6.96	3.87	1.75	8.12	1.38	0.52	57.6	15.35	10.4	1.17	0.53	3.41	414.1	252.6	335.3	78.8	0.30	0.28	28.1
FG SM AH16	CC705757	577397.0	6453596.0	0	0.3	0.3	17 1	29	111	55.6	42.8	7 15	4 25	16	8.05	1.5	0.66	50.7	13 15	9.63	1 22	0.67	4 37	375.9	239.6	287.8	88.2	0.33	0.28	28.0
EG SM AH17	CC705758	577401.0	6453397.0	0	0.3	0.3	14.4	2.0	110	54.2	36.7	64	3.71	1.53	7 31	1 32	0.53	48.7	12.8	9.22	1 1	0.53	3.48	358.0	222.0	281.7	76.4	0.32	0.28	27.9
	00200700	577402.0	6452104.0	0	0.0	0.0	19.0	2.7	140	70.6	24.4	6.46	2.47	1.00	0.12	1.02	0.00	61.7	16.6	11.0	1 15	0.50	2 10	444.9	261.0	270.9	74.0	0.02	0.20	27.5
FG_SM_AH18	00705700	577402.0	0455194.0	0	0.3	0.3	10.9	3.2	149	70.0	54.4	0.40	5.47	1.09	0.13	1.0	0.40	50.4	10.0	11.2	1.15	0.01	5.10	444.0	201.0	370.0	104.0	0.20	0.20	21.1
FG_SM_AH19	00705700	577398.0	6452998.0	0	0.3	0.3	19.6	3.8	121	58.9	51.7	8.19	5.42	1.56	8.45	1.84	0.84	52.4	13.9	10.55	1.30	0.81	5.43	412.4	203.8	307.9	104.6	0.34	0.27	26.9
FG_SM_AH20	CC205761	577395.0	6452801.0	0	0.3	0.3	17.9	2.9	107.5	52.7	38.1	6.63	3.9	1.54	7.3	1.34	0.52	47	12.25	8.94	1.16	0.6	3.78	353.0	220.9	273.8	79.1	0.32	0.28	27.6
FG_SM_AI12	CCZ05762	577600.0	6454397.0	0	0.3	0.3	16.3	2.1	101	49	35.8	6.42	3.8	1.46	6.99	1.34	0.52	45.3	11.8	9.08	1.08	0.58	3.61	334.3	210.2	259.2	75.1	0.32	0.28	28.2
FG_SM_AI13	CCZ05763	577601.0	6454195.0	0	0.3	0.3	16.5	2.7	117.5	64.2	46.1	8.03	4.82	1.69	9.28	1.67	0.76	57.9	15.25	11	1.4	0.73	4.63	414.8	270.5	318.3	96.5	0.33	0.29	29.0
FG_SM_AI14	CCZ05764	577601.0	6453997.0	0	0.3	0.3	16.4	2.8	99.7	48.7	33.6	6.19	3.34	1.35	6.59	1.18	0.49	43.1	11.5	8.36	0.98	0.49	3.54	323.9	201.4	253.4	70.4	0.32	0.28	27.7
FG_SM_AI15	CCZ05765	577603.0	6453799.0	0	0.3	0.3	15.5	3.0	125.5	60.9	34.6	6.23	3.5	1.64	7.49	1.22	0.48	56.5	14.85	10.25	1.12	0.55	3.45	394.8	240.6	321.3	73.4	0.30	0.29	28.6
FG_SM_AI16	CCZ05766	577602.0	6453600.0	0	0.3	0.3	18.7	2.8	108.5	56.2	38.2	6.75	3.89	1.6	7.58	1.42	0.58	51.3	13.6	9.96	1.15	0.61	3.84	367.0	233.7	287.0	80.0	0.33	0.29	28.8
FG_SM_AI17	CCZ05767	577600.0	6453400.0	0	0.3	0.3	17.0	2.7	109.5	53.1	32.8	5.93	3.35	1.52	7.01	1.24	0.51	46.3	12.4	9.23	1.01	0.51	3.32	346.2	211.6	276.5	69.7	0.30	0.28	27.7
FG_SM_AI18	CCZ05768	577599.0	6453198.0	0	0.3	0.3	18.6	3.6	139	67.9	42.5	7.56	4.35	1.67	8.37	1.62	0.63	56.9	15	10.5	1.28	0.63	4.26	435.9	265.2	347.0	88.9	0.30	0.27	26.7
FG_SM_AI19	CCZ05769	577601.0	6452999.0	0	0.3	0.3	14.6	2.3	90.8	45.1	33.9	5.96	3.34	1.33	6.26	1.2	0.47	41.9	10.8	8.2	0.98	0.51	3.4	305.8	194.3	235.9	70.0	0.33	0.28	28.3
FG SM AI20	CCZ05770	577602.0	6452799.0	0	0.3	0.3	16.0	2.7	97.8	47.2	34.2	5.84	3.35	1.3	6.31	1.18	0.5	41.9	11.2	8.54	0.98	0.51	3.08	317.7	197.6	247.8	69.9	0.32	0.28	27.5
EG SM AI12	CC705771	577802.0	6454397.0	0	03	03	12.6	20	78.9	38.9	33.8	5.67	3 39	1 29	5 94	1 19	0.53	36.9	9 32	7 25	0.94	0.5	3 31	274 3	177 4	205.3	69.1	0.35	0.28	28.1
EC SM A 112	00200771	577902.0	6454104.0	0	0.0	0.0	12.0	2.0	02.2	45.0	22.7	6.14	2.26	1.20	6.75	1.10	0.00	44.2	11 55	9.74	0.04	0.5	2.20	21 4.0	109.6	200.0	60.1	0.00	0.20	20.1
	00705770	577000.0	0454194.0	0	0.5	0.0	10.0	2.2	93.2	43.5	32.7	0.14	3.30	1.50	0.75	1.10	0.40	44.2	11.55	0.74	0.00	0.5	3.29	007.0	190.0	244.0	70.4	0.00	0.29	23.3
FG_SM_AJ14	CCZ05773	577800.0	6454000.0	U	0.3	0.3	14.8	2.9	98.6	50	35	6.17	3.00	1.3	6.43	1.29	0.48	44.3	T1.7	8.41	0.99	0.56	3.49	327.8	206.6	255.3	72.4	0.32	0.28	27.8
FG_SM_AJ15	CCZ05774	577802.0	6453794.0	0	0.3	0.3	13.9	2.5	81.6	40.2	31.3	5.21	3.2	1.19	5.8	1.1	0.45	37	9.52	6.72	0.88	0.46	3.14	274.2	174.0	209.8	64.4	0.33	0.28	27.8
FG_SM_AJ16	CCZ05775	577803.0	6453599.0	0	0.3	0.3	14.5	2.5	88.9	44.6	36.4	6.13	3.65	1.32	6.35	1.25	0.57	39.9	10.15	7.7	0.95	0.57	3.85	303.8	194.6	229.2	74.5	0.34	0.27	27.4
FG_SM_AJ17	CCZ05776	577803.0	6453395.0	0	0.3	0.3	14.8	2.3	96.4	47	33	5.82	3.31	1.39	6.5	1.2	0.44	42.4	11	8.65	1.05	0.5	3.26	315.2	196.8	246.3	68.9	0.32	0.28	28.0
FG_SM_AJ18	CCZ05777	577803.0	6453196.0	0	0.3	0.3	18.7	3.1	132.5	64.1	35.3	6.35	3.33	1.52	7.66	1.26	0.46	56	15.05	10.3	1.12	0.55	3.26	407.5	244.8	333.4	74.1	0.30	0.28	27.7
FG_SM_AJ19	CCZ05778	577804.0	6452998.0	0	0.3	0.3	15.4	2.6	97.9	46.9	36.8	6.15	3.87	1.35	6.76	1.26	0.63	42.8	11.1	7.96	1.06	0.61	3.84	323.9	203.6	247.8	76.0	0.33	0.27	27.4
FG_SM_AJ20	CCZ05779	577806.0	6452797.0	0	0.3	0.3	19.0	2.7	109	52.8	35.3	6.32	3.35	1.48	7.78	1.26	0.52	48.7	12.7	9.08	1.08	0.49	3.26	352.7	218.8	278.5	74.2	0.32	0.28	28.4

H         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B		
Pick Ax45         CCCUP1         Find Ax46         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C	.5 3.46 299.7 190.3	<i>i</i> 229.8 69.9 0.33 0.28 28.1
Feb         MAC         Color         Simo         A         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B        B <th< th=""><th>5 2.97 257.4 163.7</th><th>197.0         60.4         0.33         0.28         28.2</th></th<>	5 2.97 257.4 163.7	197.0         60.4         0.33         0.28         28.2
F.S.M.AF         COURSE         SOU         SOUSE         SOU         SOUSE         SOUSE <th< th=""><th>67 4.71 325.5 209.5</th><th><i>i</i> 240.4 85.0 0.35 0.27 26.7</th></th<>	67 4.71 325.5 209.5	<i>i</i> 240.4 85.0 0.35 0.27 26.7
F F F S MATE         C C S MATE <thc <br=""></thc> S MATE         C C S MATE         C	i1 3.39 322.2 203.6	3 249.6 72.7 0.33 0.28 28.3
Form         Form <th< th=""><th>5 3.53 331.1 208.9</th><th>255.2 75.9 0.33 0.28 27.8 <b>2</b></th></th<>	5 3.53 331.1 208.9	255.2 75.9 0.33 0.28 27.8 <b>2</b>
Form.Are         Control         Contro         Control <thcontrol< th=""> <th< th=""><th>3.98 307.1 196.2</th><th>2 232.9 74.2 0.33 0.28 27.6</th></th<></thcontrol<>	3.98 307.1 196.2	2 232.9 74.2 0.33 0.28 27.6
Fig. M. Acti         OCCUPE         Piol         Acti         Dial         Dial <thdia< th="">         Dial         Dial</thdia<>	6 3.87 350.1 220.5	5 271.9 78.2 0.32 0.27 27. <sup>4</sup>
Pail M ACD         COUND	8 3.33 334.9 209.0	262.3 72.6 0.32 0.28 28.3
i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i<	8 3.32 405.1 248.5	5 328.4 76.7 0.31 0.29 29. <sup>2</sup>
Figs.Math         CC2000         STMEC         Motional and transform         Motional and transform	7 3.08 285.5 181.7	7 219.3 66.1 0.33 0.28 28.4
F93 M AL4         OUTPON         SUBMON         P         S         No.         S         S         No.         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S	4 3.02 258.0 166.8	3 193.9 64.1 0.34 0.28 27.5
F6 38 A.15         CCCV20         ONUMO         OUNDO         OUNDO        OUNDO         OUNDO	9 3 53 294 0 188 0	) 224.4 69.7 0.34 0.28 28.5
P3         M.41         CC23070         STR000         SR0000         C00         C03         C03        C03        C03	8 3.21 381.6 232.4	4 312 4 69 3 0 29 0 27 27 C
PS.MA.LT         CCCCUSTP1         OTBOD         Addata         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C         C <thc< th="">         C<th>8 3.22 348.4 217.0</th><th>2784 700 031 028 28(</th></thc<>	8 3.22 348.4 217.0	2784 700 031 028 28(
PC_SUL_PI         Counces	0         0.22         040.4         217.0           36         2.56         427.1         269.0	270.4 $70.0$ $0.31$ $0.20$ $20.0$
P SML NI         CLOBINS         STATES         Colo	30     3.30     437.1     208.2       30     4.50     432.2     263.6	
Pris Sin ALVI         Diame         Diam         Diame         Diame	09     4.59     423.2     262.9	1         332.3         90.9         0.32         0.28         27.8           1         050.4         0000         0055         0000         001
P6.SM.L20         CC20070         STRUE 0         642705         0         0.3         0.3         0.4         0.8         0.37         0.40         0.83         0.41         0.83         0.43         0.83         0.43         0.83         0.43         0.83         0.43         0.83         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.43         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44         0.44	3 4.2 345.0 225.1	258.1 86.9 0.35 0.28 28.2
P6.3M.AH12         CC22578         STMAID         Restart         Restart <threstart< th="">         &lt;</threstart<>	32 3.39 382.6 228.4	<i>i</i> 312.1 70.5 0.29 0.27 27.2
PG_SMLAMIS         CCUEYIPU         STRAME         Nime         STRAME         CCUEYIPU         STRAME         CUEYIPU         STRAME         CUEXIPU         STRAME         STRAME         STRAME	52 3.44 308.7 196.1	236.9 71.8 0.33 0.28 28.1
FG SM ANH4         CC20500         G7M200         64 S00         0         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3	3 3 254.9 162.9	194.8 60.0 0.33 0.28 28.4
FG SM ANHS         CO20501         67M010         645380.0         0         0.0         0.0         0.0         1.0         1.0         1.0         0.0         1.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0	2 3.12 298.8 188.1	230.8 68.0 0.33 0.28 28.2
F0.3M.AM16         C0208942         S74020         653980         0         0.3         0.3         0.23         0.24         0.85         0.16         0.16         0.4         0.45         0.46         0.45         0.46         0.45         0.46         0.45         0.46         0.45         0.47         0.45         0.47         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45	i8 3.99 376.5 232.8	3 292.7 83.8 0.32 0.26 26.5
F6_SM_AMT         C2C3080         578400         6453850         0         0.3         0.3         0.3         0.4         0.5         100         0.51         27         1.1         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47 <t< th=""><th>6 3.14 358.0 216.8</th><th>3 291.6 66.5 0.29 0.28 27.9</th></t<>	6 3.14 358.0 216.8	3 291.6 66.5 0.29 0.28 27.9
FG_SM_AMM1         C2208300         6539800         6639800         0         0.3         0.3         0.4         3.5         1.06         3.47         3.77         1.7         7.87         1.47         0.62         4.99         2.57         1.12         8.08         0.12         0.03         0.33         0.31         0.41         9.65         4.41         7.77         8.47         5.77         6.46         1.21         0.56         4.31         0.56         4.33         1.57         0.57         1.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57         0.57	6 2.98 272.5 171.2	2 211.2 61.4 0.32 0.28 27.9
re. sM AMP         CC20860         57400         6459940         0         0.3         0.4         0.4         0.7         0.4         0.13         0.6         0.4         0.14         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.55         0.5         0.5         0.55         0.5         0.55         0.5         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55	3.82 362.9 232.7	277.7 85.2 0.34 0.29 28.6
F6_SM_AN2         CC205805         S784020         6453701         0         0.3         0.3         0.5         2         99.         53         37.1         66         38.0         1.5         7.02         1.29         0.51         45.5         10.8         0.07           F6_SM_AN13         CC205805         S78000         6453980         0         0.3         0.3         12.2         2.8         43         37.1         6.3         12.2         6.42         1.35         0.57         41.3         0.57         41.3         0.50         1.55         0.51         41.2         0.42         41.2         1.47         7.3         1.47         0.73         41.3         1.56         1.55         1.55         4.24         1.47         7.3         1.47         0.73         41.3         1.56         1.56         1.35         5.45         4.42         1.42         0.35         0.42         1.48         0.35         0.42         1.35         0.41         1.35         0.41         1.35         0.41         1.35         0.41         1.35         0.41         1.35         0.41         1.35         0.41         1.35         0.41         1.35         0.41         1.35         0.41         <	3 3.3 319.8 201.2	2 248.9 71.0 0.33 0.28 27.8
F0_SM_ANI2         CC205807         57880.0         6454380.0         0         0.3         0.3         13.9         2.2         76.5         37.8         38.7         5.74         3.84         1.16         6.03         1.27         0.59         35.5         94.5         7.77         0.05         0.07           F0_SM_ANI4         CC205808         57860.00         645394.0         0         0.3         0.3         15.9         2.3         84.5         15         86.5         2.4         1.47         7.3         1.47         0.3         4.42         7.4         4.41         1.47         7.3         1.47         0.3         4.42         1.48         6.22         4.41         1.47         7.3         1.47         0.3         4.42         1.48         6.23         1.48         6.23         1.48         6.24         4.43         1.48         6.24         1.48         6.24         1.48         1.44         1.45         6.34         1.45         7.45         1.44         6.35         1.41         6.35         1.41         6.35         1.41         6.35         1.44         7.45         1.45         1.43         6.35         1.41         6.35         1.41         7.45         1.45	9 3.37 337.9 215.2	2 262.2 75.7 0.32 0.28 27.7
FG SM AN1         CC20808         5784000         64539940         0         0.3         0.3         0.12         2.2         0.49         37.1         0.28         0.2         1.28         0.47         1.08         0.57         4.03         0.16         7.22         0.99         0.0           FG SM AN1         CC20801         5789900         64539970         0         0.3         10.5         5.5         11.55         5.4         4.22         7.4         4.11         1.7.3         1.43         0.7.3         4.9         1.49         0.7.5         3.14         0.7.5         4.9         1.4         7.5.5         3.12         1.22         6.13         1.06         0.22         4.4         1.18         5.2         0.5         0.5         4.22         7.4         4.11         1.7.7         1.35         0.54         4.22         7.4         4.11         1.47         1.35         0.54         1.42         0.5         4.32         1.08         1.41         1.45         1.45         1.45         1.45         1.45         1.45         1.45         1.45         1.45         1.45         1.45         1.45         1.45         1.45         1.45         1.45         1.45         1.45	6 3.72 273.2 179.2	2 199.4 73.8 0.36 0.28 27.7
FG SM ANH       CC20808       57800.0       643394.0       0       0.3       0.63       1.69       3.0       113       581       51       8.69       5.24       1.28       0.75       53.6       1.42       0.12       1.02       1.03       0.13         FG SM ANH       CC20810       575980.0       643397.0       0       0.3       0.3       1.33       2.8       100.5       54.8       43.2       7.4       4.41       1.47       7.3       1.47       0.73       49       128       0.25       1.18       0.25       44.1       1.47       7.3       1.47       0.73       4.41       1.47       7.3       1.47       0.73       4.41       1.47       7.3       1.47       0.52       44.1       1.48       0.52       44.1       1.48       0.52       44.1       1.48       0.52       44.1       1.48       0.52       44.1       1.48       0.52       44.1       1.48       0.52       44.1       1.41       1.45       0.54       1.55       3.57       1.41       0.56       4.58       0.57       1.58       4.14       1.41       1.46       7.10       1.42       0.57       4.58       1.55       55.5       1.55       55.5 <th>7 3.97 299.8 195.5</th> <th>5 223.7 76.0 0.35 0.28 28.5</th>	7 3.97 299.8 195.5	5 223.7 76.0 0.35 0.28 28.5
FQ_SM_ANIS       CC205810       57899.0       643379.0       0       0.3       0.3       0.3       13.3       2.8       10.5       55.4       43.2       7.4       4.41       1.47       7.3       1.47       0.73       1.49       0.25       0.19       0.25         FG_SM_ANIS       CC205811       57800.0       645397.0       0       0.3       0.3       0.3       0.3       0.3       0.4       0.4       0.55       4.46       0.53       3.12       0.13       0.52       4.4       1.85       8.22       0.05       0.83         FG_SM_ANIS       CC205811       57800.0       6453197.0       0       0.3       0.3       0.3       1.52       3.3       1.44       0.55       4.54       7.45       1.45       7.45       1.45       7.44       0.45       7.44       0.45       0.52       1.43       0.55       1.15       0.37       1.41       0.55       4.54       1.35       6.33       4.14       1.46       7.41       1.44       0.55       4.45       0.55       1.55       6.35       0.55       1.41       0.55       4.55       1.55       6.55       1.55       6.55       1.55       6.55       1.15       6.55	78 5.27 402.2 263.4	4 298.5 103.7 0.35 0.28 28. <sup>4</sup>
F6_SM_AN16         CC20811         57859.0         643397.0         0         0.3         0.3         13.3         2.8         10.0         4.8         31.7         5.53         3.12         1.32         6.13         1.08         0.52         4.4         11.88         8.22         0.03         0.03           F6_SM_AN18         CC20812         57800.0         6453397.0         0         0.3         0.3         14.2         2.4         87         6.16         1.54         1.58         7.17         1.15         0.54         42.3         10.85         8.38         10.8         0.57         1.44         0.55         4.53         1.44         0.55         1.41         0.55         1.41         0.55         1.41         0.55         1.41         0.55         1.41         0.55         1.41         0.55         1.41         0.55         1.41         0.55         1.41         0.55         1.41         0.55         1.41         0.55         1.41         0.55         1.41         0.55         1.41         0.55         1.41         0.55         1.51         0.51         1.55         0.51         1.55         0.51         1.55         0.51         1.55         0.55         1.55         0.51<	1 4.8 376.6 237.2	2 287.9 88.7 0.33 0.27 27.0
F6.SM_ANT         CC205812         S78000         645397.0         0         0.3         0.3         1.35         2.6         94         44.6         37.6         1.55         7.7         1.35         0.54         42.3         10.85         6.38         1.16           F6.SM_AN16         CC205813         S7800.0         645397.0         0         0.3         0.3         152         2.4         87         42.6         3.87         1.2         6.32         1.22         0.54         9.2         10.35         7.64         0.99         0.0           F6.SM_AN16         CC205815         S7800.0         645397.0         0         0.3         0.3         152         2.3         0.6         4.68         3.9         1.65         3.44         4.46         0.44         0.57         46         1.25         1.14         0.0           F6.SM_Y22         CC205817         S7800.0         645198.0         0         0.3         0.3         1.22         0.56         3.69         1.25         6.18         3.69         1.25         6.18         3.69         1.25         6.18         3.68         1.25         6.16         3.41         0.41         0.35         6.14         0.44         0	5 3.34 323.1 199.6	<u>5 257.0 66.0 0.31 0.28 27.8</u>
FG_SM_AN18         CC205813         57803.0         6453197.0         0         0.3         0.3         14.2         2.4         87         4.26         34.8         5.73         3.57         1.2         6.32         1.22         0.54         392         10.35         7.64         0.99         0.03           FG_SM_AN2         CC205814         57800.0         6452396.0         0         0.3         0.3         152         3.3         104         51.5         38.7         6.83         4.14         1.44         0.55         4.63         1.25         6.45         1.44         0.55         4.63         1.25         6.14         1.44         0.55         4.63         1.25         6.13         1.44         0.55         4.63         1.25         6.14         1.44         0.55         4.63         1.25         6.14         1.44         0.55         1.44         0.45         1.14         0.03         0.3         1.23         0.46         4.41         1.45         0.47         4.53         1.14         0.45         4.55         1.44         0.45         4.55         1.44         0.43         0.3         0.3         1.22         0.77         3.14         2.17         0.31         1.41	9 3.81 317.3 201.8	3 239.9 77.4 0.34 0.28 28.0
F6.3M.AN19         CC205814         57899.0         64599.0         0         0.3         0.3         152         3.3         104         51.5         3.8.7         6.8.3         4.1.6         1.6.4         7.6.8         1.4.4         0.55         4.6.9         1.2.5         8.1.9         1.1.8         0.1.4           F6.3M.AV2         CC205815         57690.0         645278.0         0         0.3         0.3         1.59         2.3         9.56         3.8.9         6.57         4.14         1.46         7.01         1.42         0.57         4.6         1.50         6.6         0.50         0.57         5.6         3.69         1.5         0.44         4.75         1.13         8.46         0.3         0.3         0.3         0.3         2.8         1.04         5.0         5.7         5.6         3.69         1.4         5.9         0.4         4.75         1.13         8.46         0.11         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3	4 3.42 295.1 188.3	3 223.9 71.2 0.34 0.28 27.8
F6_SM_X20         CC205815         57680.00         6452794.0         0         0.3         0.3         16.9         3.0         99.3         50.4         38.9         6.37         4.14         1.46         7.01         1.42         0.57         44         1.23         8.75         1.14         0.01           F6_SM_V22         CC205816         57499.0         6452396.0         0         0.3         0.3         15.9         2.3         95.6         4.68         32.9         5.6         3.69         1.15         0.44         4.78         1.2         9.51         1.04         4.61         0.99         1.55         0.44         4.78         1.2         9.51         1.04         4.61         0.99         0.45         0.44         4.78         1.2         9.77         7.77         7.77         3.71         3.26         7.50         3.46         2.77         0.91         3.41         5.09         1.42         0.44         4.85         1.12         0.44         4.85         1.12         0.44         4.85         0.43         0.41         4.85         0.41         4.85         0.41         4.85         0.41         4.85         0.41         4.85         0.41         4.85         0.41 <th>i8 3.59 349.2 221.4</th> <th>4 268.7 80.5 0.33 0.28 28.<sup>-</sup></th>	i8 3.59 349.2 221.4	4 268.7 80.5 0.33 0.28 28. <sup>-</sup>
FG_SM_V22         CC205816         574990         6452380         0         0.3         0.3         0.5         0.4         0.3         0.3         0.5         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3	2 3.75 339.6 217.6	<b>3</b> 259.8 79.8 0.33 0.28 28.1
FG_ML/24         CC205817         S75040         64519980         0         0.3         0.3         0.3         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4         0.4	5 2.95 317.1 199.7	7 2491 680 0.33 0.29 288
FG.SM. V26         CC205818         575000.         6451993.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0 <th>2 2 64 334 3 206 5</th> <th>5 268.6 65.7 0.31 0.29 29.1</th>	2 2 64 334 3 206 5	5 268.6 65.7 0.31 0.29 29.1
Health         Ord         Ord<	7 2 31 224 0 143 8	3 174 2 49 8 0.33 0.29 29 <sup>r</sup>
FG_SM_220         CC205820         57500.0         645079.0         0         0.3         0.3         1.2         1.1         0.01         0.00         0.03         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00	5 313 2727 1773	3 206.5 66.2 0.35 0.29 29(
Figure 1.0         Colored 500000         Origon 0	4 2.79 247.1 159.3	188.9         58.2         0.34         0.29         29.0
FG_SM_X22         CC205021         S13000         CH220021         S130000         CH220021	4 2.13 247.1 105.0	2 256.5 60.9 0.31 0.30 20.0
F6_SM_X24         CC205822         S7540.0         64320.0.0         0         0.3         0.3         0.3         0.4         1.3         63.9         0.3.3         2.6         4.06         2.7.3         1.01         5.02         0.34         0.35         5.0         0.34           F6_SM_X26         CC205823         575380.         6451601.0         0         0.3         0.3         1.56         2.6         112         50.7         35.2         6.31         4.16         1.68         7.48         1.37         0.53         51.2         13.2         9.88         1.11         0.3           F6_SM_X26         CC205824         57540.0         645120.0         0         0.3         0.3         17.5         2.9         97.4         46.5         33.8         5.53         3.97         1.16         6.63         1.26         0.54         44         1.15         8.69         0.99         0.4           F6_SM_X30         CC205825         57539.0         645080.0         0.3         0.3         17.0         2.8         101         48.3         30.1         5.37         3.15         1.25         6.53         1.11         0.43         4.64         1.03         4.64         1.15	193.2 06 2.26 202.2 147.2	
FG_SM_X26         CC205823         57398.0         6431601.0         0         0.3         0.3         0.3         1.5.6         2.6         112         50.7         3.5.2         6.31         4.16         1.68         7.48         1.37         0.53         51.2         13.2         9.88         1.11         0.53           FG_SM_X28         CC205824         575404.0         6451203.0         0         0.3         0.3         17.5         2.9         97.4         46.5         33.8         5.53         3.97         1.16         6.63         1.26         0.54         44         11.5         8.69         0.99         0.3           FG_SM_X30         CC205825         575398.0         6450803.0         0         0.3         0.3         15.4         2.4         77.4         37.5         31.4         5.02         3.39         1.04         5.51         1.06         0.45         36         9.23         6.63         1.14         0.43         4.64         0.47         4.65         3.83         1.55         6.53         1.14         0.43         4.64         1.07         4.64         1.75         4.64         1.15         4.65         1.25         6.53         1.14         0.43         <	2.30 220.2 147.3	7 174.9 55.5 0.54 0.29 20.5
FG_SM_X30         CC205824         S75404.0         6451203.0         0         0.3         0.3         17.5         2.9         97.4         44.5         33.8         5.53         3.97         1.16         6.63         1.26         0.54         44         11.5         8.69         0.99         0.3           FG_SM_X30         CC205825         575398.0         6450803.0         0         0.3         0.3         15.4         2.4         77.4         37.5         31.4         5.02         3.39         1.06         0.45         3.6         9.23         6.81         0.87         0.4           FG_SM_Z22         CC205826         575800.0         6451997.0         0         0.3         0.3         17.0         2.8         100         48.8         29.9         5.33         3.55         1.15         6.65         1.14         0.43         44.6         1.75         9.2         0.97         0.4           FG_SM_Z24         CC205827         575803.0         6451997.0         0         0.3         0.3         17.2         2.8         100.5         47.7         36.9         61.2         4.45         1.28         6.65         1.38         0.59         46.4         11.5         8.64	39     3.22     339.3     221.7       34     3.40     339.0     300.0     300.0	204.2 75.1 0.32 0.29 29.0
FG_SM_X30       CC205825       575398.0       6450803.0       0       0.3       0.3       0.3       15.4       2.4       77.4       37.5       31.4       5.02       3.39       1.06       0.45       36       9.23       6.81       0.87       0.47         FG_SM_Z22       CC205826       575800.0       6452401.0       0       0.3       0.3       17.0       2.8       101       48.3       30.1       5.37       3.15       1.25       6.53       1.14       0.43       45.6       11.75       9.2       0.97       0.4         FG_SM_Z24       CC205827       57580.0       6451997.0       0       0.3       0.3       14.6       2.3       100       48.8       29.9       5.33       3.53       1.5       6.65       1.12       0.42       47.2       12.35       9.19       0.94       0.44         FG_SM_Z26       CC205827       57580.0       6451599.0       0       0.3       0.3       15.7       2.4       100.5       47.7       36.9       6.12       4.45       1.28       6.65       1.38       0.59       46.4       11.75       8.64       1.03       0.43       0.43       0.45       46.4       11.75       8.64	3.46 320.0 200.4	249.5         70.5         0.32         0.28         28.3
FG_SM_ZZZ       CC20826       57800.0       6452401.0       0       0.3       0.3       1.0       2.8       101       48.3       30.1       5.37       3.15       1.25       6.53       1.14       0.43       45.6       11.75       9.2       0.97       0.43         FG_SM_Z24       CC205827       57580.0       6451997.0       0       0.3       0.3       14.6       2.3       100       48.8       29.9       5.33       3.53       1.5       6.65       1.12       0.42       47.2       12.35       9.19       0.94       0.43         FG_SM_Z26       CC205828       57598.0       6451599.0       0       0.3       0.3       17.2       2.8       100.5       47.7       36.9       6.12       4.45       1.28       6.65       1.38       0.59       46.4       11.75       8.64       1.03       0.4         FG_SM_Z28       CC205829       57580.0       6451202.0       0       0.3       0.3       15.7       2.4       91.7       45.4       34       5.77       3.97       1.2       6.48       1.2       0.5       45.6       0.49       0.43       0.49       0.43       0.45       0.49       0.45       0.49       0.	8         2.88         263.7         168.7           10         0.70         000.0         100.0	200.1 63.6 0.34 0.28 28.1
FG_SM_Z24       CCZ05827       575803.0       6451997.0       0       0.3       0.3       14.6       2.3       100       48.8       29.9       5.33       3.53       1.5       6.65       1.12       0.42       47.2       12.35       9.19       0.94       0.44         FG_SM_Z26       CCZ05828       57578.0       645199.0       0       0.3       0.3       17.2       2.8       100.5       47.7       36.9       6.12       4.45       1.28       6.65       1.38       0.59       46.4       11.75       8.64       1.03       0.9         FG_SM_Z28       CCZ05829       575801.0       6451202.0       0       0.3       0.3       15.7       2.4       91.7       45.4       34       5.77       3.97       1.2       6.65       1.38       0.59       46.4       11.75       8.64       1.03       0.9         FG_SM_Z30       CCZ05829       575801.0       6451202.0       0       0.3       15.3       2.4       91.7       45.4       34       5.77       3.97       1.2       6.48       1.2       0.5       45.3       0.9       0.9       0.9       0.9       0.9       0.9       0.9       0.9       0.9       0.9	3 2.76 322.3 198.2	2 258.8 63.5 0.31 0.29 28.8
FG_SM_Z26       CCZ05828       575798.0       6451599.0       0       0.3       0.3       17.2       2.8       100.5       47.7       36.9       6.12       4.45       1.28       6.65       1.38       0.59       46.4       11.75       8.64       1.03       0.9         FG_SM_Z28       CCZ05829       575801.0       6451202.0       0       0.3       0.3       15.7       2.4       91.7       45.4       34       5.77       3.97       1.2       6.65       1.38       0.59       46.4       11.75       8.64       1.03       0.9         FG_SM_Z28       CCZ05829       575801.0       6451202.0       0       0.3       0.3       15.7       2.4       91.7       45.4       34       5.77       3.97       1.2       6.48       1.2       0.5       45.5       11.25       8.65       0.97       0.3         FG_SM_Z30       CCZ05830       575802.0       6450799.0       0       0.3       0.3       15.3       2.4       80.9       41.4       33.2       5.66       3.83       1.33       6.33       1.40       0.49       40.3       0.9       0.33       38.6       9.6       7.18       0.9       0.9       0.9       0.	4 2.64 324.6 201.8	260.7 63.9 0.31 0.29 29.4
FG_SM_Z28       CCZ05829       575801.0       6451202.0       0       0.3       0.3       15.7       2.4       91.7       45.4       34       5.77       3.97       1.2       6.48       1.2       0.5       45       11.25       8.5       0.97       0.4         FG_SM_Z30       CCZ05830       575802.0       6450799.0       0       0.3       0.3       15.3       2.4       80.9       41.4       33.2       5.66       3.83       1.3       6.33       1.24       0.49       40.3       10       7.73       0.98       0.4         FG_SM_AB22       CCZ05831       576199.0       6452399.0       0       0.3       0.3       13.0       2.4       82.9       41.2       28       5       3.17       1.41       5.57       0.97       0.33       38.6       9.6       7.18       0.8       0.4         FG_SM_AB24       CC205831       576199.0       6452399.0       0       0.33       13.0       2.4       82.9       41.2       28       5       3.17       1.41       5.57       0.97       0.33       38.6       9.6       7.18       0.8       0.43       0.43       0.44       0.954       4.40       0.954       4.40	37 3.63 334.1 210.6	<i>i</i> 257.7 76.4 0.33 0.28 28.2
FG_SM_Z30       CCZ05830       575802.0       6450799.0       0       0.3       0.3       15.3       2.4       80.9       41.4       33.2       5.66       3.83       1.3       6.33       1.24       0.49       40.3       10       7.73       0.98       0.9         FG_SM_AB22       CC205831       576199.0       6452399.0       0       0.3       0.3       13.0       2.4       82.9       41.2       28       5       3.17       1.41       5.57       0.97       0.33       38.6       9.6       7.18       0.8       0.4         FG_SM_AB24       CC205831       576199.0       6452399.0       0       0.33       0.3       13.0       2.4       82.9       41.2       28       5       3.17       1.41       5.57       0.97       0.33       38.6       9.6       7.18       0.8       0.4         FG_SM_AB24       CC205831       576199.0       6452399.0       0       0.33       13.0       2.4       82.9       41.2       2.8       5.57       0.97       0.33       38.6       9.6       7.18       0.8       0.4         FG_SM_AB24       CC205831       576192.0       6474000.0       0.94       40.0       0.94	3.35 312.5 199.9	241.8 70.7 0.34 0.29 29.2
FG_SM_AB22       CCZ05831       576199.0       6452399.0       0       0.3       13.0       2.4       82.9       41.2       28       5       3.17       1.41       5.57       0.97       0.33       38.6       9.6       7.18       0.8       0.4	i1 3.41 285.4 186.0	216.0         69.4         0.34         0.29         29.1
	1 2.45 273.8 171.9	215.1 58.7 0.32 0.29 28.5
<b>FG_SM_AB24</b> CC20832 576198.0 0451999.0 0 0.3 0.3 18.0 3.1 108 50.8 34.6 6.03 3.64 1.4 6.95 1.2 0.51 48 12.2 9.16 1.07 0.4	9 3.33 345.8 213.1	273.6 72.2 0.32 0.28 28.2

FG_SM_AB26	CCZ05833	576201.0	6451598.0	0	0.3	0.3	16.8	2.5	96.5	49.3	33.3	5.83	3.78	1.32	6.93	1.2	0.51	48.7	12.1	8.73	1	0.53	2.99	327.9	209.3	257.9	70.0	0.33	0.30	29.7
FG_SM_AB28	CCZ05834	576201.0	6451197.0	0	0.3	0.3	15.6	2.6	106.5	50.7	32.6	5.7	3.71	1.51	6.67	1.18	0.43	49.6	12.35	9.57	1.03	0.49	2.94	342.7	211.9	274.2	68.6	0.32	0.29	29.0
FG_SM_AB30	CCZ05835	576201.0	6450798.0	0	0.3	0.3	12.4	1.9	66.5	32	29.4	4.62	3.41	1.12	5.22	1.02	0.39	33.1	7.8	6.39	0.86	0.46	2.71	234.7	153.1	174.7	60.1	0.36	0.29	28.9
FG_SM_POC	CCZ05836	575129.0	6451468.0	0	0.3	0.3	18.0	2.9	103.5	52.2	36.1	5.57	4.15	1.5	7.31	1.28	0.6	49.9	12.8	9.52	1.06	0.61	3.64	348.4	221.3	273.1	75.4	0.33	0.29	28.9

## APPENDIX D: JORC CODE, 2012 EDITION – TABLE 1 – FENCE GOSSAN SURFACE SAMPLING

## Section 1: Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	Nature and quality of sampling (e.g., cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g., 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.	<ul> <li>Diamond Drilling (DDH)</li> <li>Diamond drilling of HQ diameter (TT_005DD) was completed to 137.7m recently in the completed program and was located 5m away from a RC hole already drilled (TT_003RC).</li> <li>Reverse Circulation ('RC') Drilling</li> <li>RC drilling at Fence Gossan was used to obtain a representative sample by means of riffle splitting with samples submitted for analysis using the above-mentioned methodologies.</li> <li>Four (4) reverse circulation (RC) holes for a total of 516m have been completed at the Fence Gossan Prospect.</li> <li>Four (4) RC holes were completed at Reefs Tank for a total of 564m.</li> <li>At Tors Tank, four (4) RC holes for a total of 625.7m (including the cored hole) were completed.</li> <li>The RC drilling technique was used to obtain a representative sample by means of a cone or riffle splitter with samples submitted for assay by mixed acid digestion and analysis via ICP-MS + ICP-AES with anticipated reporting a suite of 48 elements (sulphur &gt;10% by LECO)</li> <li>Surface Sampling</li> <li>Two large surface sampling programs were conducted on grids based about the drilling at Tors Tank and Fence Gossan. The sampling was by using hand auger to take soil samples from depth varying between</li> </ul>

		<ul> <li>0.1-0.5m. Original samples were between 0.5-2kg in weight, reduced to 200g for crushing and pulverizing. The Stage 1 program consisted of 189 sampling stations, spaced at 200m intervals across a total survey area measuring 6.4km<sup>2</sup></li> <li>The first area was based about the centre of the grid, closest to the known points of observations (drill holes FG001RC-4RC). Stations extended east of the Resource Mask to the EL8434 lease boundary. Stations also extended west to identify extension of REEs into the Reef Tank Resource Area. Station numbers are based on a wider grid that incorporates Reef Tank and Tors Tank.</li> <li>A Stage 2 second area at a larger spacing (400m) was completed slighter later in December 2022, which managed to collect another 21 samples over mainly pegmatite outcrop.</li> </ul>
Drilling techniques	Drill type (e.g., core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g., core diameter, triple or standard tube, depth of diamond tails, face- sampling bit or other type, whether core is oriented and if so, by what method, etc.).	<ul> <li>Historical drilling consisted of auger, rotary air blast, reverse circulation, and NQ, BQ, and HQ diamond coring. One cored hole of HQ (61mm) diameter was completed at Tors Tank after all the RC holes had been completed.</li> <li>Diamond drilling was completed with standard diameter, conventional HQ, with historical holes typically utilizing RC and percussion precollars to an average 30 metres (see drillhole information for further details).</li> </ul>
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	Reverse Circulation ('RC') Drilling - Reverse circulation sample recoveries were visually estimated during drilling programs. Where the estimated sample recovery was below 100% this was recorded in field logs by means of qualitative observation. Reverse circulation drilling employed sufficient air (using a compressor and booster) to maximise sample recovery. Historical cored drillholes by North Broken Hill, CRA , and Pasminco were well documented and generally have >90% core recovery.

		No relationship between sample recovery and grade has been observed.
Logging	Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged.	The drilling that did occur was completed to modern-day standards. The preferred exploration strategy in the eighties and early nineties was to drill shallow auger holes to negate the influence of any Quaternary and Tertiary sedimentary cover, and then return to sites where anomalous Cu or Zn were assayed. In this program at all three areas holes were completed to varying depths ranging from 100- 160m. No downhole geophysical logging took place; however, measurements of magnetic susceptibility were taken at the same 1m intervals as the PXRF readings were taken.
Sub- sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality, and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled.	Core samples will be hand-split or sawn with re-logging of available historical core indicating a 70:30 (retained: assayed) split was typical. The variation of sample ratios noted are considered consistent with the sub-sampling technique (hand-splitting). No second half samples will be submitted for analysis, but duplicates have been taken at a frequency of 1:20 in samples collected. It is considered water planned to be used for core cutting is unprocessed and unlikely to have introduced sample contamination. Procedures relating to the definition of the line of cutting or splitting are not available. It is expected that 'standard industry practice' for the period was applied to maximize sample representivity. Quarter core will be submitted to ALS for chemical analysis using industry standard sample preparation and analytical techniques. The sample interval details and grades quoted for cored intervals described in various maps in the main section are given in previous ASX releases (Castillo Copper 2022a, b, c, d, e, f, g).

#### Quality of assay data and laboratory tests

The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.

For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.

Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established. The following rare earth elements were analysed using ME-MS61R Sample Decomposition is by HF-HNO<sub>3</sub>-HClO<sub>4</sub> acid digestion, HCl leach (GEO-4A01). The Analytical Method for

Silver is shown below:

Element	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	0.01	100

Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES) Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

A prepared sample (0.25 g) is digested with perchloric, nitric, hydrofluoric, and hydrochloric acids. The residue is topped up with dilute hydrochloric acid and analysed by inductively coupled plasma atomic emission spectrometry. Following this analysis, the results are reviewed for high concentrations of bismuth, mercury, molybdenum, silver, and tungsten and diluted accordingly.

Samples meeting this criterion are then analysed by inductively coupled plasma-mass spectrometry. Results are corrected for spectral interelement interferences.

Four acid digestions can dissolve most minerals: however, although the term "near total" is used, depending on the sample matrix, not all elements are quantitatively extracted.

Results for the additional rare earth elements will represent the acid leachable portion of the rare earth elements and as such, cannot be used, for instance to do a chondrite plot.

#### **Geochemical Procedure**

Element geochemical procedure reporting units and limits are listed below:

S	Symb	Units	Lower Limit	Upper Limit
n Al	AI	%	0.01	50
A	As	ppm	0.2	10 000
B	Ва	ppm	10	10 000
	Bo	nom	0.05	1 000
	De	ррп	0.05	
Bi	Bi	ppm	0.01	10 000
C	Ca	%	0.01	50
C	Cd	ppm	0.02	1 000
C	Ce	ppm	0.01	500
C	Со	ppm	0.1	10 000
	Cr	nnm	1	10.000
	0	ppm		
C	Cs	ppm	0.05	500
С	Cu	ppm	0.2	10 000
Fe	Fe	%	0.01	50
G	Ga	ppm	0.05	10 000
um G	Ge	ppm	0.05	500
H	Hf	maa	0.1	500
10	In	nom	0.005	500
in	111	ррп	0.003	500
n K	K	%	0.01	10
m La	La	ppm	0.5	10 000
Li	Li	ppm	0.2	10 000

Magnesium	Mg	%	0.01	50

Element	Symbol	Units	Lower Limit	Upper Limit
Molybdenum	Мо	ppm	0.05	10 000
Sodium	Na	%	0.01	10
Niobium	Nb	ppm	0.1	500
Nickel	Ni	ppm	0.2	10 000
Phosphorous	Р	ppm	10	10 000
Lead	Pb	ppm	0.5	10 000
Rubidium	Rb	ppm	0.1	10 000
Rhenium	Re	ppm	0.002	50
Sulphur	S	%	0.01	10
Antimony	Sb	ppm	0.05	10 000
Scandium	Sc	ppm	0.1	10 000
Selenium	Se	ppm	1	1 000
Tin	Sn	ppm	0.2	500
Strontium	Sr	ppm	0.2	10 000
Tantalum	Та	ppm	0.05	100
Tellurium	Те	ppm	0.05	500
Thorium	Th	ppm	0.2	10 000
Titanium	Ti	%	0.005	10
Thallium	TI	ppm	0.02	10 000
Uranium	U	ppm	0.1	10 000
Vanadium	V	ppm	1	10 000
Tungsten	W	ppm	0.1	10 000

#### Method ME-MS81

This method involves a lithium borate fusion prior to acid dissolution and ICP- MS analysis provides the most quantitative analytical approach for a broad suite of trace elements. Options for adding the whole rock elements from an |CP - AES analysis on the same fusion, or base metals from a separate four acid digestion, are available.

Lower and upper detection limits are given below:

		-		
Element	Symbol	Units	Lower Limit	Upper Limit
Yttrium	Y	ppm	0.1	500
Zinc	Zn	ppm	2	10 000
Zirconium	Zr	ppm	0.5	500
Dysprosium	Dy	ppm	0.05	1 000
Erbium	Er	ppm	0.03	1 000
Europium	Eu	ppm	0.03	1 000
Gadolinium	Gd	ppm	0.05	1 000
Holmium	Но	ppm	0.01	1 000
Lutetium	Lu	ppm	0.01	1 000
Neodymium	Nd	ppm	0.1	1 000
Praseodymiu m	Pr	ppm	0.03	1 000
Samarium	Sm	ppm	0.03	1 000
Terbium	Tb	ppm	0.01	1 000
Thulium	Tm	ppm	0.01	1 000
Ytterbium	Yb	ppm	0.03	1 000

		<ul> <li>Laboratory inserter analysed per indu of bias from these</li> </ul>	ed standards, blanks istry standard practic e results.	and duplicates were e. There was no eviden
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	<ul> <li>Two of the drillholes TT_005DD was drill</li> <li>Conversion of elements stoichiometric oxide ROM geological state oxide conversion fact (https://www.jcu.edu metals-an-untapped)</li> <li>Table C1-1: Elements</li> </ul>	have been twinned, ed next to TT_003R0 ental analysis (REE p (REO parts per milli ff using the below electors 1.au/news/releases/2 I-resource)	at Tors Tank where C. Darts per million) to on) was undertaken by ement to stoichiometric 020/march/rare-earth-
	Discuss any adjustment to assay data.			
		Се	1.2284	CeO <sub>2</sub>
		Dy	1.1477	Dy <sub>2</sub> O <sub>3</sub>
		Er	1.1435	Er <sub>2</sub> O <sub>3</sub>
		Eu	1.1579	Eu <sub>2</sub> O <sub>3</sub>
		Gd	1.1526	Gd <sub>2</sub> O <sub>3</sub>
		Но	1.1455	Ho <sub>2</sub> O <sub>3</sub>
		La	1.1728	La <sub>2</sub> O <sub>3</sub>
		Lu	1.1371	Lu <sub>2</sub> O <sub>3</sub>
		Nd	1.1664	Nd <sub>2</sub> O <sub>3</sub>
		Pr	1.2083	Pr <sub>6</sub> O <sub>11</sub>
		Sm	1.1596	Sm <sub>2</sub> O <sub>3</sub>
		ТЬ	1.1762	Tb <sub>4</sub> O <sub>7</sub>
		Tm	1.1421	Tm <sub>2</sub> O <sub>3</sub>
		Y	1.2699	Y <sub>2</sub> O <sub>3</sub>
		Yb	1.1387	Yb <sub>2</sub> O <sub>3</sub>

Rare earth oxide is the industry accepted form for reporting rare earths. The following calculations are used for compiling REO into their reporting and evaluation groups:

 $\begin{array}{l} {\sf TREO} \mbox{(Total Rare Earth Oxide)} = La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 \\ + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + \\ Tm_2O_3 + Yb_2O_3 + Y_2O_3 + Lu_2O_3. \\ {\sf TREO-Ce} = TREO - CeO_2 \\ {\sf LREO} \mbox{(Light Rare Earth Oxide)} = La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 \\ + Sm_2O_3 \\ {\sf HREO} \mbox{(Heavy Rare Earth Oxide)} = Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + \\ Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + YcO_3 + Lu_2O_3 \\ {\sf CREO} \mbox{(Critical Rare Earth Oxide)} = Nd_2O_3 + Eu_2O_3 + Tb_4O_7 + \\ Dy_2O_3 + Y_2O_3 \\ {\sf MREO} \mbox{(Magnetic Rare Earth Oxide)} = Pr_6O_{11} + Nd_2O_3 + Sm_2O_3 + \\ {\sf Gd}_2O_3 + Tb_4O_7 + Dy_2O_3. \end{array}$ 

#### **Total Rare Earth Oxides (TREO):**

To calculate TREO an oxide conversion "factor" is applied to each rare-earth element assay. The "factor" equates an elemental assay to an oxide concentration for each element. Below is an example of the factor calculation for Lanthanum (La):

- Relative Atomic Mass (La) = 138.9055
- Relative Atomic Mass (O) = 15.9994
- $\circ$  Oxide Formula = La<sub>2</sub>O<sub>3</sub>
- Oxide Conversion Factor = 1/ ((2x 138.9055)/(2x 138.9055 + 3x 15.9994)) Oxide Conversion Factor = 1.173 (3dp)

None of the historical data has been adjusted.

In general, locational accuracy does vary, depending upon whether the historical surface and drillhole samples were digitised off plans or had their coordinated tabulated. Many samples were originally reported to AGD66 or AMG84 and have been converted to MGA94 (Zone 54)

The holes are currently surveyed with handheld GPS, awaiting more accurate DGPS survey. It is thus estimated that locational accuracy therefore varies between 2-4m until the more accurate

Location of data points

Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.

Specification of the grid system used.

Quality and adequacy of topographic control.

Data spacing and distribution

#### Data spacing for reporting of Exploration Results.

Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.

Whether sample compositing has been applied.

surveying is completed. This assessment was confirmed once the holes were surveyed by DGPS from GMC Surveying.

The quality of topographic control (GSNSW 1 sec DEM) is deemed adequate for the purposes of the exploration drilling program.

The average sample spacing from the current drilling program across the tenure varies per prospect, and sample type, as listed in Table C1-2, below:

#### Table C1-2: EL 8434 Drillhole Spacing

Prospect	Drillholes Completed	RMS Drillhole Spacing (m)
The Sisters	Not yet	
Iron Blow	Not Yet	
Tors Tank	4	127
Fence Gossan	4	208
Ziggy's Hill	n/a	n/a
Reefs Tank	4	221

The Datamine software allows creation of fixed length samples from the original database given a set of stringent rules.

Sample location is shown in Figure C1.

Figure C1: Location of Stage 1 Fence Gossan Surface Samples



Orientation of data in relation to geological structure Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.

If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.

The measures taken to ensure sample security.

Historical drill holes at the BHAE are typically drilled vertically for auger and RAB types (drilled along section lines) and angled at - 55° or -60° to the horizontal and drilled perpendicular to the mineralised trend for RC and DDH.

Drilling orientations are adjusted along strike to accommodate folded geological sequences. All Fence Gossan holes were designed to drill toward grid south at an inclination of 60 degrees from horizontal.

The drilling orientation is not considered to have introduced a sampling bias on assessment of the current geological interpretation.

Geological mapping by various companies has reinforced that the strata dips variously between 5 and 65 degrees.

Sample security procedures are considered 'industry standard' for the current period.

Sample security

		Samples obtained during drilling completed between 4/10/22 to the 10/10/22 were transported by exploration employees or an independent courier directly from Broken Hill to ALS Laboratory, Adelaide. The Company considers that risks associated with sample security are limited given the nature of the targeted mineralisation.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No external audits or reviews have yet been undertaken.

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	<ul> <li>EL 8434 is located about 28km east of Broken Hill whilst EL 8435 is 16km east of Broken Hill. Both tenures are approximately 900km northwest of Sydney in far western New South Wales (Figures C2-1 and C2-2 in Appendix A &amp;B, above).</li> <li>EL 8434 and EL 8435 were both granted on the 2<sup>nd of</sup> June 2016 to Squadron Resources for a term of five (5) years for Group One Minerals. On the 25<sup>th of</sup> May 2020, Squadron Resources changed its name to Wyloo Metals Pty Ltd (Wyloo). In December 2020 the tenure was transferred from Wyloo Metals to Broken Hill Alliance Pty Ltd a 100% subsidiary company of Castillo Copper Limited. Both tenures were renewed on the 12<sup>th of</sup> August 2021 for a further six (6) years and are due to expire on the 2<sup>nd of</sup> June 2027.</li> <li>EL 8434 lies across two (2) 1:100,000 geology map sheets Redan 7233 and Taltingan 7234, and two (2) 1:250,000 geology map sheets, SI54-3 Menindee, and SH54-15 Broken Hill in the county of Yancowinna. EL 8434 consists of one hundred and eighty-six (186) units) in the Adelaide and Broken Hill 1:1,000,000 Blocks covering an area of approximately 580km<sup>2</sup>.</li> <li>EL 8435 is located on the 1:100,000 geology map sheet Taltingan 7234, and the 1:250,000 geology map sheet Taltingan 7234, and the 1:250,000 geology map sheet Taltingan 7234, and the 1:200,000 Blocks covering an area of approximately 68km<sup>2</sup>.</li> <li>Access to the tenures from Broken Hill is via the sealed Barrier Highway. This road runs north-east to south-west through the northern portion of the EL 8434, passes the southern tip of EL 8435. Access is also</li> </ul>

## SECTION 2: REPORTING OF EXPLORATION RESULTS

available via the Menindee Road which runs north-west to south-east through the southern section of the EL 8434. The Orange to Broken Hill Rail line also dissects EL 8435 western section the middle and then travels north-west to south-east slicing through the eastern arm of EL 8434 (Figure C2-1).





	Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Explorers who were actively involved over longer historical periods in various parts of EL8434 were: - North Broken Hill Ltd, CRAE Exploration, Major Mining Ltd and Broken Hill Metals NL, Pasminco Exploration Ltd, Normandy Exploration Ltd, PlatSearch NL/Inco Ltd/ EGC Pty Ltd JV and the Western Plains Gold Ltd/PlatSearch/EGC Pty Ltd JV.
	)		A comprehensive summary of work by previous explorers was presented in Leyh (2009). However, more recently, follow-up field reconnaissance of areas of geological interest, including most of the prospective zones
)			was carried out by EGC Pty Ltd over the various licenses. This work, in conjunction with a detailed interpretation of aeromagnetic, gravity plus RAB / RC drill hole logging originally led to the identification of at least sixteen higher priority prospect areas. All these prospects were summarized in considerable detail in Levb (2008). Future work
)			programs were then also proposed for each area. Since then, further compilation work plus detailed geological reconnaissance mapping and sampling of gossans and lode rocks has been carried out.
)			A total of 22 prospects were then recognised on the exploration licence with at least 12 occurring in and around the tenure.
			With less than 45% outcropping Proterozoic terrain within the licence, this makes it very difficult to explore and is in the main very effectively screened from the easy application of more conventional exploration methodologies due to a predominance of extensive Cainozoic cover sequences. These include recent to young Quaternary soils, sands, clays and older more resistant, only partially dissected, Tertiary duricrust regolith covered areas. Depth of cover ranges from a few metres in the
)			north to over 60 metres in some areas on the southern and central license.
			Exploration by EGC Pty Ltd carried out in the field in the first instance has therefore been heavily reliant upon time consuming systematic
			geological reconnaissance mapping and relatable geochemical sampling. These involve a slow systematic search over low outcropping areas, poorly exposed subcrops and float areas as well as the

progressive development of effective regolith mapping and sampling tools. This work has been combined with a vast amount of intermittently acquired past exploration data. The recent data compilation includes an insufficiently detailed NSWGS regional mapping scale given the problems involved, plus some regionally extensive, highly variable, lowlevel stream and soil BLEG geochemical data sets over much of the area.

There are also a few useful local detailed mapping grids at the higher priority prospects, and many more numerous widespread regional augers, RAB, and percussion grid drilling data sets. Geophysical data sets including ground magnetics, IP and EM over some prospect areas have also been integrated into the exploration models. These are located mainly in former areas of moderate interest and most of the electrical survey methods to date in this type of terrain continue to be of limited application due to the high degree of weathering and the often prevailing and complex regolith cover constraints.

Between 2007 and 2014 Eaglehawk Geological Consulting has carried out detailed research, plus compilation and interpretation of a very large volume of historic exploration data sourced from numerous previous explorers and dating back to the early 1970's. Most of this data is in nondigital scanned form. Many hard copy exploration reports (see references) plus several hundred plans have been acquired from various sources, hard copy printed as well as downloaded as scans from the Geological Survey of NSW DIGS system. They also conducted field mapping, costean mapping and sampling, and rock chip sampling and analysis.

# Work Carried out by Squadron Resources and Whyloo Metals 2016-2020

Research during Year 1 by Squadron Resources revealed that the PGErich, sulphide-bearing ultramafic rocks in the Broken Hill region have a demonstrably alkaline affinity. This indicates a poor prospectivity for economic accumulations of sulphide on an empirical basis (e.g., in comparison to all known economic magmatic nickel sulphide deposits,

which have a dominantly tholeiitic affinity). Squadron instead directed efforts toward detecting new Broken Hill-Type (BHT) deposits that are synchronous with basin formation. Supporting this modified exploration rationale are the EL's stratigraphic position, proximity to the Broken Hill line of lode, abundant mapped alteration (e.g., gahnite and/or garnet bearing exhalative units) and known occurrences such as the "Sisters" and "Iron Blow" prospects.

The area overlies a potential magmatic Ni-Cu-PGE source region of metasomatised sub-continental lithospheric mantle (SCLM) identified from a regional targeting geophysical data base. The exploration model at the time proposed involved remobilization of Ni-Cu-PGE in SCLM and incorporation into low degree mafic-ultramafic partial melts during a post-Paleoproterozoic plume event and emplacement higher in the crust as chonoliths/small intrusives - Voisey's Bay type model. Programs were devised to use geophysics and geological mapping to locate secondary structures likely to control and localise emplacement of Ni-Cu-PGE bearing chonoliths. Since EL8434 was granted, the following has been completed:

- Airborne EM survey.
- Soil and chip sampling.
- Data compilation.
- Geological and logistical reconnaissance.
- Community consultations; and
- Execution of land access agreements.

#### Airborne EM Survey

Geotech Airborne Limited was engaged to conduct an airborne EM survey using their proprietary VTEM system in 2017. A total of 648.92-

line kilometres were flown on a nominal 200m line spacing over a portion of the project area. Several areas were infilled to 100m line spacing.

The VTEM data was interpreted by Southern Geoscience Consultants Pty Ltd, who identified a series of anomalies, which were classified as high or low priority based on anomaly strength (i.e., does the anomaly persist into the latest channels). Additionally, a cluster of VTEM anomalies at the "Sisters" prospect have been classified separate due to strong IP effects observed in the data. Geotech Airborne have provided an IP corrected data and interpretation of the data has since been undertaken.

#### Soil and Chip sampling

The VTEM anomalies were followed up by a reconnaissance soil sampling programme. Spatially clustered VTEM anomalies were grouped, and follow-up soil lines were designed. Two (2) VTEM anomalies were found to be related to culture and consequently no soils were collected. Two (2) other anomalies were sampled which were located above thick alluvium of Stephens Creek and were therefore not sampled. A line of soil samples was collected over a relatively undisturbed section at Iron Blow workings and the Sisters Prospect.

One hundred and sixty-six (166) soil samples were collected at a nominal 20cm depth using a 2mm aluminum sieve. Two (2) rock chips were also collected during this program. The samples were collected at either 20m or 40m spacing over selected VTEM anomalies. The samples were pulverised and analysed by portal XRF at ALS laboratories in Perth.

Each site was annotated with a "Regolith Regime" such that samples from a depositional environment could be distinguished from those on exposed Proterozoic bedrock, which were classified as an erosional environment. The Regolith Regime groups were used for statistical analysis and levelling of the results. The levelled data reveals strong relative anomalies in zinc at VTEM anomaly clusters 10, 12 and 14 plus strong anomalous copper at VTEM 17.

G	Geology	Deposit type, geological setting, and style of mineralisation.	As the strata is tightly folded, the intersected cobalt-rich layers are overstated in terms of apparent thickness, however the modelling software calculates a true, vertical thickness. Cobalt mineralisation is commonly associated with shears, faults, amphibolites, and a quartz-magnetite rock within the shears, or on or adjacent to the boundaries of the Himalaya Formation. In general, most of the cobalt and rare earth element - rich layers have a north-northwest to north strike. REE enrichment generally occurs as a 5 to 10-metre-thick zone between the completely weathered layer and strongly weathered layer and it is targeted for commercial mining (Figure D2-2). Compared to other REE deposits, regolith-hosted rare earth element deposits are substantially low-moderate grade (containing 0.05-0.3 wt.% extractable REEs). Nevertheless, due to its easy extraction method, low processing costs and large abundance, the orebodies are generally economic to be extracted (Duuring, (2020); Kanazawa and Kamitani (2006); and Murakami, H.; Ishihara (2008)).

		<ul> <li><u>https://en.wikipedia.org/wiki/Regolith-hosted_rare_earth_element_deposits</u></li> <li>Weathering profile of regolith hosted REE deposits shown above, the legend is: (A) Humic layer. (B) Completely weathered layer. (C) Strongly weathered layer. (D) Weathering front. (E) Unweathered rock.</li> <li>Most of the REE found in cerium monazite (Ce (PO<sub>4</sub>)) which always contains major to minor amounts of other REE (Nd, La, Pr, Sm etc) replacing Ce. Also, the mineral often contains trace amounts of U and Th (coupled with Ca). This will be collaborated with XRD and or SEM analysis.</li> </ul>
Drill hole Information	<ul> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul>	Header information about all drillholes and surface samples completed at Tors Tank and Fence Gossan have been tabulated in this release in Appendix B.
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations	No metal equivalents have been reported. Rare earth element results have been converted to rare earth oxides as per standard industry practice (Castillo Copper 2022f).

	<ul> <li>(e.g., cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high- grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	No compositing of assay results has taken place, but rather menu options within the Datamine GDB module have been used to create fixed length 1m assay intervals from the original sampling lengths. The rules follow very similarly to those used by the Leapfrog Geo software in creating fixed length samples.
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g., 'down hole length, true width not known').	A database of all the historical borehole sampling has been compiled and validated. It is uncertain if there is a strong relationship between the surface sample anomalies to any subsurface anomalous intersections due to the possible masking by variable Quaternary and Tertiary overburden that varies in depth from 0-15m. The mineralisation appears to be secondary enrichment in the regolith clays and extremely weathered material derived from quartzo-feldspathic pegmatites.
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	Current surface anomalies are shown on maps released on the ASX (Castillo Copper 2022d, 2022e, 2022f and 2022g). All historical surface sampling has had their coordinates converted to MGA94, Zone 54.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	All recent laboratory analytical results have been recently reported (see Castillo Copper 2022a, b, c, d, e, f, and g) for assay results. Regarding the surface and sampling, no results other than duplicates, blanks or reference standard assays have been omitted.

Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	Historical explorers have also conducted airborne and ground gravity, magnetic, EM, and IP resistivity surveys over parts of the tenure area but this is yet to be fully georeferenced (especially the ground IP surveys). Squadron Resources conducted an airborne EM survey in 2017 that covers Iron Blow and The Sisters, but not the southern cobalt and REE prospects.
Further work	The nature and scale of planned further work (e.g., tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	<ul> <li>It is recommended that:</li> <li>Complete rehabilitation of the 2022 BHAE drilling campaign that comprised mostly RC drilling. An application supporting an ESF2 lodgment is yet to be approved by the NSW Resource Regulator</li> <li>The remaining non-sampled zones within the Core Library drillholes, BH1, BH2, and DD90-IB3 in the north of the tenure group be relogged and sampled. DD90-IB3 had 21-87m retested recently and is a good candidate for hyperspectral logging.</li> <li>A program of field mapping and ground magnetic, IP or radiometric surveys be planned and executed at Fence Gossan. Mapping of pegmatite outcrops is a high priority.</li> <li>Generate an Exploration Target for Fence Gossan to the standard of Clause 17 of the 2012 JORC Code.</li> <li>Depending upon the results of the proposed geophysical surveys and Exploration Target noted above, the next drilling program will specifically target the air coring technique over the known cobalt and REE mineralisation downdip to at least 30m depth at all three prospects. That proposed drilling program is also designed to increase the resource confidence of the REE to Inferred Resources to the standard of the 2012 JORC Code.</li> </ul>

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