18 September 2019

Fresh Bonanza Grades at Juruena

20.6m @ 94.9g/t Au including 3.65m @ 508.4g/t Au

Highlights

- Juruena Assays have been received from Meteoric's first two Diamond Drill Holes JUDD001 and JUD002 which intersected visible gold at the Dona Maria Prospect:
- JUDD001 **20.6m @ 94.9 g/t Au from 96.8m**
  - Including **3.65m @ 508.4 g/t from 107.5m**
- JUDD002 **1.1m @ 22.68 g/t Au from 41.2m**
  - And **4.5m @ 6.20 g/t Au from 46.6m**
- Eight holes now completed, with JUDD 003 to 008 being processed
- Holes JUDD 009 & 010 are underway to test intersection of Dona Maria and Crentes structures at depth
- Drilling at Novo Astro on schedule to begin late September
- Escrow released to allow sale of 50m Meteoric shares held by Big River Gold to new and existing institutional and professional investors

Meteoric Resources NL (**ASX: MEI**) ("the Company") is pleased to announce assays have been received from two drill holes from its maiden drilling program currently underway at its 100% owned Juruena Gold Project in Brazil.

DDH JUDD001 intercepted a thick zone of strongly altered granite and assays confirm a broad zone of bonanza grades with 20.6m @ 94.9 g/t Au from 96.8m, which includes 3.65m @ 508.4 g/t Au from 107.5m. **DDH JUDD002** intercepted two separate zones of alteration and gold mineralisation returning assays of 1.1m @ 22.68 g/t Au from 41.2m and 4.5m @ 6.20 g/t Au from 46.6m.

Managing Director Andrew Tunks said,
"We were expecting something special from our first holes at Juruena after we intersected visible gold and intense alteration, however the results have exceeded even my expectation. In fact, this is the best drilling intercept I have ever been involved with in my career. While we were confident of the possibilities based on the historic drilling and the gold we observed, it is very reassuring to have assay numbers that support our interpretation.

"I am extremely proud of what the Company and the exploration team has achieved since the acquisition in April. We have recruited and deployed excellent staff, contracted and mobilised two drill rigs and struck bonanza grades. All done in remarkably quick time.

"We have now completed eight holes and are testing some deeper targets beneath Dona Maria that are very exciting. The geological logging, sample dispatch and assay procedures are flowing well ensuring a steady flow of drill results over the coming months. Furthermore, we have recognised the untapped potential at the Novo Astro Project and moved quickly to execute an exploration and drilling program in tandem with Juruena."

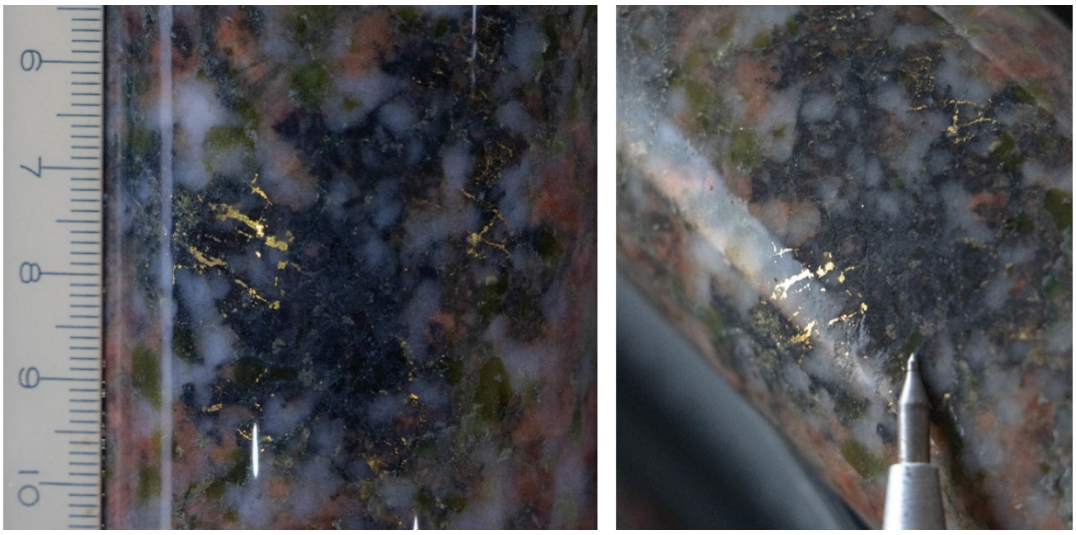

Figure 1: Free gold within intensely sericite +pyrite +phengite + chlorite + quartz altered granite from DDH JUDD001

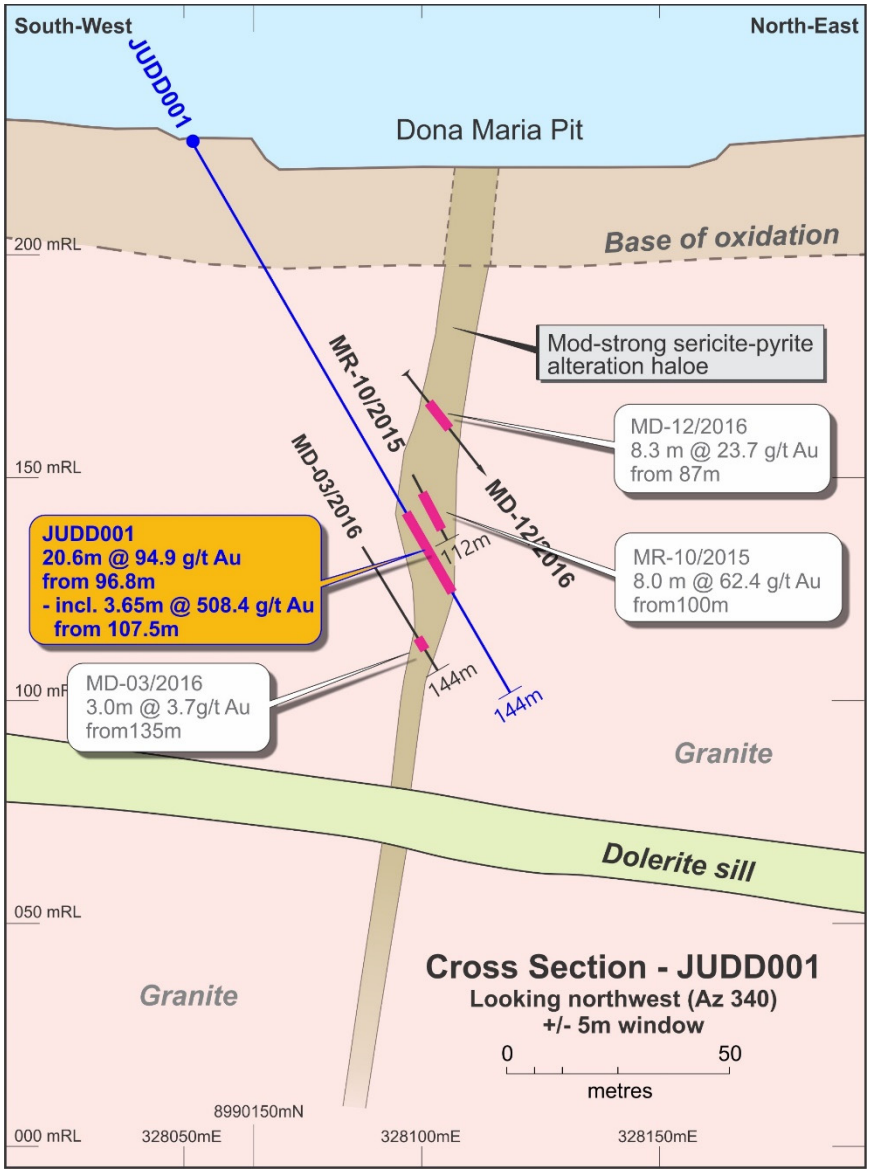

Figure 2: JUDD001 Cross Section (oblique to grid) through Dona Maria highlighting existing ore zone interpretation, historic drilling by Crusader and Lago Dorado.

JUDD001 was targeted to confirm high-grades intercepted in MR-10/2015 and is drilled with an Azimuth of ^{0}70 and is oblique to the EW local grid. For this reason, other holes only appear as they cut this oblique section.

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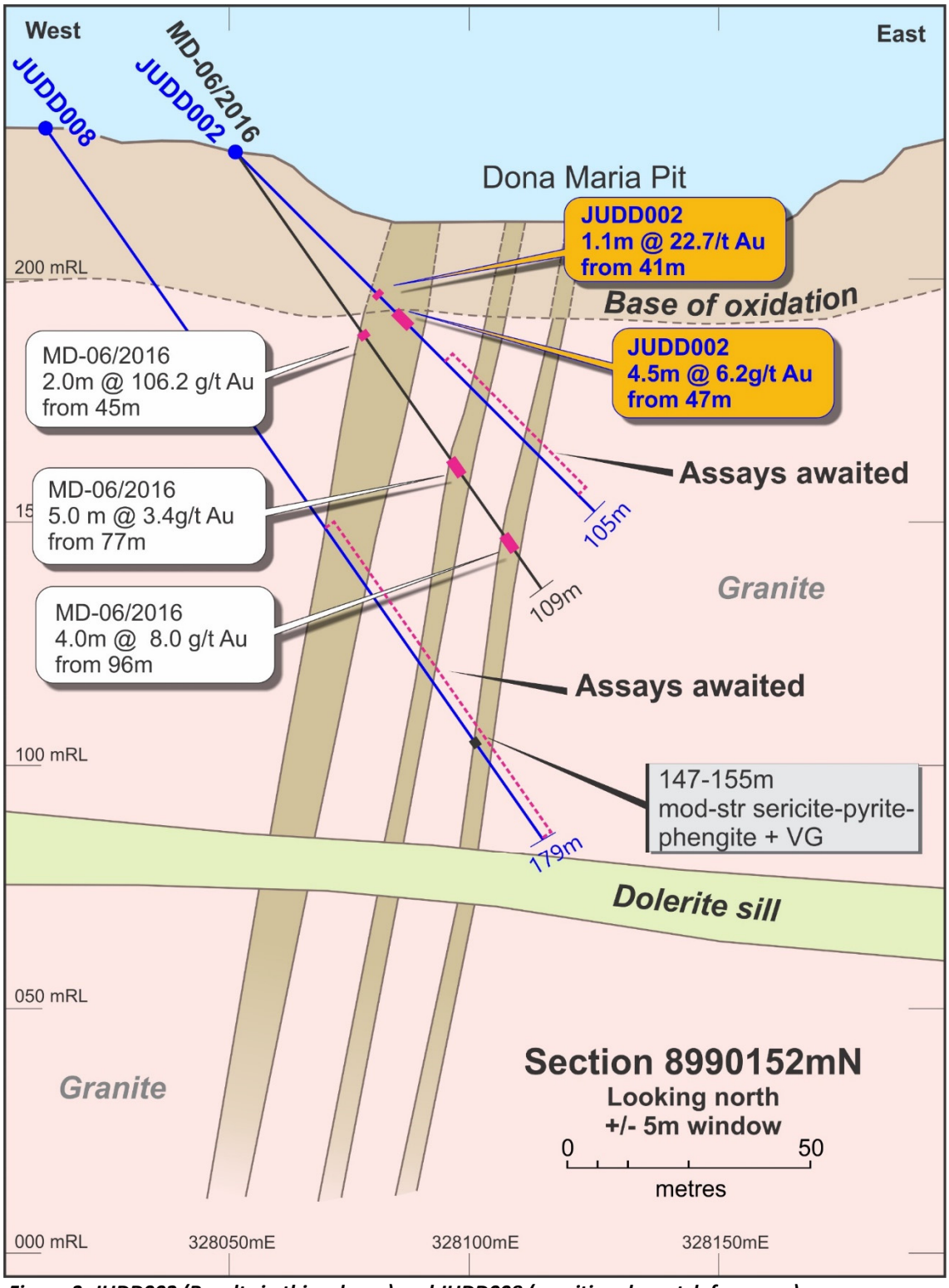

Figure 3: JUDD002 (Results in this release) and JUDD008 (awaiting despatch for assay). JUDD002 targeted shallow mineralisation beneath the Dona Maria Artisinal Open Pit.

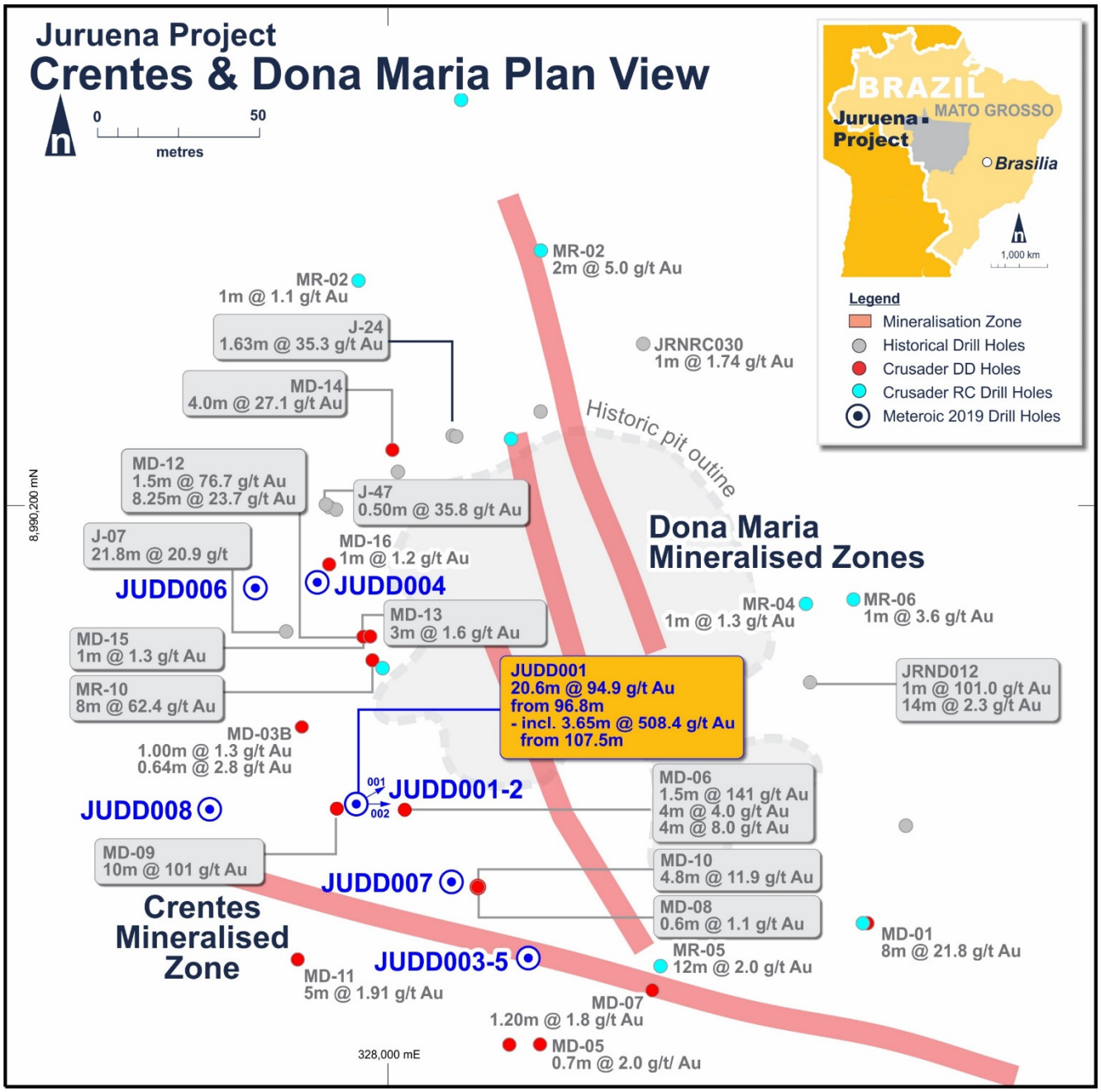

Figure 4: Collar Plan for Dona Maria. Highlighting new MEI drilling in Blue. The Crentes Zone strikes WNW at the bottom of the figure and the mineralised Dona Maria structures form a right stepping en-echelon vein array striking NS.

Details of Geology

JUDD001

The host rock is a coarse-grained, k-feldspar altered (pink) granite. Encouragingly, the drill hole intersected multiple significant zones of alteration, and one zone of visible gold at 112.8m:

- **75m-82m:** moderate to strong sericite-chlorite-quartz-pyrite alteration
- **95m-97m:** moderate epidote chlorite alteration with minor pyrite
- **97m-113m:** broad alteration with chlorite-sericite-pyrite with gold (Au) in the intervals 107m-109.6m and 110.5m-112.8m (visible gold in Figure 1)
- **115m-130m:** moderate chlorite-sericite alteration with traces of pyrite
- **EOH 143.53m**

JUDD002

Diamond hole JUDD002 was drilled to 104.54m. As with JUDD001 the host rock is a coarse-grained, k-feldspar altered (pink) granite. Multiple significant zones of alteration were intersected, no free gold has been observed:

- **40.5m-42.8m:** strong to moderate sericite-quartz-pyrite alteration
- **46.6m-48.2m:** moderate chlorite-carbonate alteration
- **67m-87m:** coarse granite with chlorite veinlets and minor k-feldspar alteration
- **92.2m-93.2m**: strong sericite-chlorite-carbonate alteration
- **98m-99m**: diabase dyke
- **99m-EOH**: weak sericite alteration

Table 1: Drill hole co-ordinates for all completed holes JUDD001 - 008

Hole	Collar Easting	Collar Northing	Collar RL	Final depth	Target Depth	Azi.	Dip
JUDD001	328051	8990146	226	**143.53**	110	70	-60
JUDD002	328051	8990146	227	**104.54**	80	90	-45
JUDD003	328091	8990097	230	**121.10**	85	90	-67
JUDD004	328048	8990219	229	**90.55**	65	90	-45
JUDD005	328091	8990097	230	**92.88**	60	90	-55
JUDD006	328028	8990220	227	**244.56**	215	90	-77
JUDD007	328070	8990120	226	**161.56**	125	90	-75
JUDD008	328012	8990145	230	**178.76**	155	90	-55

JUDD003 – 008

Holes JUDD003-008 have now been completed and are currently at various stage of processing from logging, sampling, sample preparation in Goiania ALS or sample assay in ALS Lima. Results will be released as available

Novo Astro

Preparation for the Novo Astro drilling campaign is progressing well, with a refurbished accommodation and office facility close to completion in the Novo Astro village. Drilling remains on schedule to commence in late September.

Release of Voluntary Escrow

As previously announced, the consideration for the acquisition of the Juruena and Novo Astro Gold Projects included the issue of 50 million ordinary shares to Big River Gold Limited (formerly Crusader Resources Limited). These shares were subject to voluntary escrow until 30 May 2020 (**Escrow**).

Whilst in Trading Halt, the Company was approached by representatives of Big River Gold and a consortium comprised of new and existing institutional and professional investors (**Consortium**) who had agreed that, subject to the Company agreeing to release the Escrow, that the Consortium shall acquire the 50 million ordinary shares held by Big River Gold for a price of 5.5¢ per share (**Acquisition**).

The Company, regarding the Acquisition as being in the best interests of shareholders on the basis that it significantly strengthens the Company's share register with additional investment by the main backers of the Company and the addition of further supportive institutional and professional investors, agreed to the release of the Escrow.

The Company wishes to take this opportunity to thank Big River Gold for its support, both previously as a substantial shareholder and in an ongoing manner with respect to operational matters in Brazil.

Competent Person Statement

The information in this announcement that relates to mineral resource estimates and exploration results is based on information reviewed, collated and fairly represented by Mr Peter Sheehan who is a Member of the Australasian Institute of Mining and Metallurgy and a consultant to Meteoric Resources NL. Mr Sheehan has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which has been 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, Mineral Resources and Ore Reserves. Mr Sheehan consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

For further information, please contact:

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Appendix 1 – Table of Assay results for JUDD001 and JUDD002

Hole_ID	From (m)	To (m)	Interval	Sample_ID	Au_ppm	Ag_ppm	Cu_ppm
JUDD001	0.00	1.00	1.00	391952	0.10	37	160.5
JUDD001	1.00	2.18	1.18	391953	0.11	69	189.5
JUDD001	2.18	2.68	0.50	391954	0.14	49	147.0
JUDD001	2.68	3.18	0.50	391955	0.16	49	156.0
JUDD001	3.18	3.68	0.50	391956	0.05	18	123.0
JUDD001	3.68	4.18	0.50	391957	0.07	13	117.5
JUDD001	4.18	4.68	0.50	391958	0.03	8	133.0
JUDD001	4.68	5.18	0.50	391959	0.03	28	124.5
JUDD001	5.18	5.68	0.50	391960	0.03	4	72.8
JUDD001	5.68	6.18	0.50	391962	0.02	4	92.4
JUDD001	6.18	6.68	0.50	391963	0.15	51	254.0
JUDD001	6.68	7.18	0.50	391964	0.86	51	254.0
JUDD001	7.18	7.68	0.50	391965	0.14	2	108.5
JUDD001	7.68	8.18	0.50	391966	1.36	15	189.5
JUDD001	8.18	8.68	0.50	391967	0.27	7	169.5
JUDD001	8.68	9.18	0.50	391968	0.28	2	142.0
JUDD001	9.18	9.68	0.50	391969	0.48	5	127.0
JUDD001	9.68	10.18	0.50	391971	0.29	33	150.5
JUDD001	10.18	10.68	0.50	391972	0.01	21	109.0
JUDD001	10.68	11.18	0.50	391973	0.12	10	102.5
JUDD001	11.18	11.68	0.50	391974	0.33	6	110.5
JUDD001	11.68	12.18	0.50	391975	0.52	5	135.0
JUDD001	12.18	12.68	0.50	391977	0.18	3	124.5
JUDD001	12.68	13.18	0.50	391978	0.49	17	133.0
JUDD001	13.18	13.68	0.50	391979	0.01	14	124.5
JUDD001	13.68	14.18	0.50	391980	-0.01	40	157.0
JUDD001	14.18	14.68	0.50	391981	-0.01	19	137.5
JUDD001	14.68	15.18	0.50	391982	0.01	14	105.0
JUDD001	15.18	16.50	1.32	391983	-0.01	35	128.0
JUDD001	16.50	17.00	0.50	391984	0.06	15	114.5
JUDD001	17.00	17.50	0.50	391985	0.09	0	86.6
JUDD001	17.50	18.00	0.50	391986	0.12	1	72.7
JUDD001	18.00	18.50	0.50	391987	0.14	1	76.6
JUDD001	18.50	19.00	0.50	391988	0.12	1	72.7
JUDD001	19.00	19.50	0.50	391989	0.11	1	76.3
JUDD001	19.50	20.00	0.50	391990	0.13	1	77.2
JUDD001	20.00	20.50	0.50	391991	0.16	1	82.4
JUDD001	20.50	21.00	0.50	391992	0.01	14	130.5
JUDD001	21.00	21.50	0.50	391993	0.12	7	84.5
JUDD001	21.50	22.00	0.50	391995	0.20	9	82.4
JUDD001	22.00	22.50	0.50	391996	0.16	13	78.5
JUDD001	22.50	23.00	0.50	391997	0.09	8	56.2
JUDD001	23.00	23.50	0.50	391998	0.04	13	59.0
JUDD001	23.50	24.00	0.50	391999	0.03	9	34.6
JUDD001	24.00	24.50	0.50	392000	0.14	12	84.4
JUDD001	24.50	26.00	1.50	392002	0.19	12	99.3
JUDD001	26.00	26.86	0.86	392003	0.10	7	89.2
JUDD001	26.86	27.66	0.80	392004	0.05	2	42.8
JUDD001	27.66	29.50	1.84	392005	-0.01	0	20.2
JUDD001	29.50	30.00	0.50	392007	-0.01	0	14.9
JUDD001	30.00	30.50	0.50	392008	-0.01	0	13.9
JUDD001	30.50	31.20	0.70	392009	0.01	0	7.8

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JUDD001	31.20	32.00	0.80	392010	0.02	0	2.6
JUDD001	32.00	33.00	1.00	392011	0.06	0	3.0
JUDD001	33.00	33.63	0.63	392012	0.06	0	3.1
JUDD001	33.63	34.23	0.60	392013	0.84	0	35.4
JUDD001	34.23	35.00	0.77	392015	0.14	0	5.4
JUDD001	35.00	36.00	1.00	392016	0.22	0	4.5
JUDD001	36.00	37.00	1.00	392017	0.45	0	5.7
JUDD001	37.00	38.00	1.00	392018	1.98	0	2.5
JUDD001	38.00	39.00	1.00	392019	0.53	0	3.1
JUDD001	39.00	40.39	1.39	392020	1.35	0	2.8
JUDD001	40.39	41.11	0.72	392021	0.70	0	8.8
JUDD001	41.11	41.94	0.83	392022	0.51	0	3.7
JUDD001	41.94	42.26	0.32	392023	0.18	0	4.2
JUDD001	42.26	43.26	1.00	392024	0.12	0	16.2
JUDD001	43.26	44.26	1.00	392025	0.06	0	27.5
JUDD001	44.26	45.26	1.00	392027	0.07	0	7.1
JUDD001	49.00	50.00	1.00	392028	0.11	0	86.6
JUDD001	50.00	51.00	1.00	392029	0.05	0	4.3
JUDD001	51.00	51.96	0.96	392030	0.04	0	4.1
JUDD001	51.96	52.46	0.50	392031	0.11	0	3.3
JUDD001	52.46	52.96	0.50	392032	0.18	0	3.6
JUDD001	52.96	53.57	0.61	392033	0.20	0	6.5
JUDD001	53.57	54.57	1.00	392034	0.01	0	4.5
JUDD001	54.57	55.57	1.00	392035	0.01	0	6.5
JUDD001	55.57	56.57	1.00	392036	0.06	0	7.4
JUDD001	65.83	66.83	1.00	392037	0.01	0	3.3
JUDD001	66.83	67.83	1.00	392038	0.01	0	2.9
JUDD001	67.83	68.83	1.00	392040	0.02	0	42.8
JUDD001	68.83	69.33	0.50	392041	-0.01	0	5.5
JUDD001	69.33	69.83	0.50	392042	0.10	0	109.0
JUDD001	69.83	70.42	0.59	392043	0.03	0	4.5
JUDD001	70.42	71.42	1.00	392044	0.25	0	3.1
JUDD001	71.42	72.42	1.00	392045	0.08	0	3.3
JUDD001	72.42	73.13	0.71	392046	0.16	0	1.8
JUDD001	73.13	73.56	0.43	392047	0.16	0	4.7
JUDD001	73.56	74.00	0.44	392048	0.20	0	2.7
JUDD001	74.00	74.43	0.43	392049	0.06	0	5.5
JUDD001	74.43	74.86	0.43	392050	0.14	0	3.0
JUDD001	74.86	75.36	0.50	392052	1.00	1	9.5
JUDD001	75.36	75.86	0.50	392053	0.58	1	7.3
JUDD001	75.86	76.36	0.50	392054	0.11	0	4.6
JUDD001	76.36	76.86	0.50	392055	0.17	0	4.8
JUDD001	76.86	77.36	0.50	392056	0.03	0	5.2
JUDD001	77.36	77.97	0.61	392058	0.17	0	3.7
JUDD001	77.97	78.67	0.70	392059	0.14	0	4.5
JUDD001	78.67	79.40	0.73	392060	0.19	0	3.8
JUDD001	79.40	79.90	0.50	392061	0.69	2	4.4
JUDD001	79.90	80.40	0.50	392062	1.41	5	46.3
JUDD001	80.40	80.90	0.50	392063	0.58	2	46.9
JUDD001	80.90	81.40	0.50	392065	1.61	5	9.7
JUDD001	81.40	81.90	0.50	392066	6.95	18	15.3
JUDD001	81.90	82.30	0.40	392067	0.16	0	7.2
JUDD001	82.30	83.30	1.00	392068	0.09	0	6.4
JUDD001	83.30	84.30	1.00	392069	0.03	0	3.4

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JUDD001	84.30	85.30	1.00	392070	0.05	0	4.6
JUDD001	96.18	96.79	0.61	392072	0.02	0	9.8
JUDD001	96.79	97.40	0.61	392073	2.99	6	8.1
JUDD001	97.40	98.10	0.70	392074	1.40	3	15.4
JUDD001	98.10	98.80	0.70	392075	0.07	0	7.1
JUDD001	98.80	99.37	0.57	392076	3.48	9	205
JUDD001	99.37	99.94	0.57	392077	7.62	23	568
JUDD001	99.94	101.04	1.10	392078	5.73	14	291
JUDD001	101.04	102.14	1.10	392079	1.86	5	104.5
JUDD001	102.14	103.24	1.10	392081	0.11	0	17.3
JUDD001	103.24	104.34	1.10	392082	0.82	2	7.6
JUDD001	104.34	105.44	1.10	392083	4.06	6	13.1
JUDD001	105.44	106.54	1.10	392084	0.40	1	6.4
JUDD001	106.54	107.47	0.93	392085	0.21	0	6.5
JUDD001	107.47	107.92	0.45	392086	371.00	NSS	NSS
JUDD001	107.92	108.50	0.58	392088	1.33	3	14
JUDD001	108.50	109.00	0.50	392089	191.50	>100	39.5
JUDD001	109.00	109.50	0.50	392090	1590.00	>100	1215
JUDD001	109.50	110.04	0.54	392091	991.00	>100	94.6
JUDD001	110.04	110.58	0.54	392092	376.00	>100	537
JUDD001	110.58	111.12	0.54	392093	109.00	37	211
JUDD001	111.12	111.68	0.56	392094	1.64	14	31.7
JUDD001	111.68	112.15	0.47	392096	0.17	0	6.1
JUDD001	112.15	112.85	0.70	392097	4.27	9	6.6
JUDD001	112.85	113.45	0.60	392098	0.42	NSS	NSS
JUDD001	113.45	114.05	0.60	392099	0.42	NSS	NSS
JUDD001	114.05	114.68	0.63	392100	106.5	NSS	NSS
JUDD001	114.68	115.68	1.00	392101	0.11	0	31
JUDD001	115.68	116.68	1.00	392102	0.31	1	45.3
JUDD001	116.68	117.38	0.70	392103	4.13	1	123
JUDD001	117.38	117.89	0.51	392104	0.19	0	30.3
JUDD001	117.89	118.89	1.00	392105	0.04	0	43.8
JUDD001	118.89	119.89	1.00	392106	0.04	0	6.8
JUDD001	119.89	120.89	1.00	392107	0.02	0	7.1
JUDD001	120.89	121.89	1.00	392108	0.01	0	4.1
JUDD001	121.89	122.89	1.00	392109	0.01	0	7.5
JUDD001	122.89	123.89	1.00	392110	0.01	0	6.1
JUDD001	123.89	124.89	1.00	392111	0.01	0	6.1
JUDD001	124.89	125.89	1.00	392113	0.01	0	8.5
JUDD001	125.89	126.89	1.00	392114	0.01	0	6.2
JUDD001	126.89	127.89	1.00	392115	0.01	0	8.4
JUDD001	127.89	128.89	1.00	392116	0.02	0	11.2
JUDD001	128.89	129.89	1.00	392117	0.05	0	7.3
JUDD001	129.89	130.89	1.00	392118	0.03	0	11.5
JUDD001	130.89	131.89	1.00	392119	0.66	0	62.7
JUDD001	131.89	132.35	0.46	392120	0.91	1	217
JUDD001	132.35	132.86	0.51	392121	2.46	1	83.9
JUDD001	132.86	133.37	0.51	392122	3.20	1	201
JUDD001	133.37	133.88	0.51	392123	1.11	1	13.2
JUDD001	133.88	134.88	1.00	392124	0.12	0	19
JUDD001	134.88	135.88	1.00	392125	0.06	0	5.5
JUDD002	36.00	37.00	1.00	392156	0.12	0	4
JUDD002	37.00	38.00	1.00	392157	-0.01	0	6.5
JUDD002	38.00	39.00	1.00	392158	0.01	0	6.8

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Hole_ID	From (m)	To (m)	Interval	Sample_ID	Au_ppm	Ag_ppm	Cu_ppm
JUDD002	39.00	40.00	1.00	392159	-0.01	0	4.7
JUDD002	40.00	41.17	1.17	392160	0.01	0	17.4
JUDD002	41.17	41.73	0.56	392161	28.10	64	211
JUDD002	41.73	42.30	0.57	392162	17.35	41	492
JUDD002	42.30	43.00	0.70	392164	0.07	0	9.9
JUDD002	43.00	44.00	1.00	392165	0.12	0	16.5
JUDD002	44.00	45.00	1.00	392166	0.12	0	6.1
JUDD002	45.00	46.00	1.00	392167	0.03	0	5
JUDD002	46.00	46.55	0.55	392168	0.03	0	5.1
JUDD002	46.55	47.31	0.76	392169	1.78	5	32.1
JUDD002	47.31	48.06	0.75	392170	1.75	4	4.4
JUDD002	48.06	49.00	0.94	392171	0.14	0	4.1
JUDD002	49.00	50.00	1.00	392172	0.20	0	38.1
JUDD002	50.00	51.00	1.00	392173	24.60	NSS	NSS
JUDD002	51.00	52.00	1.00	392174	0.06	0	5.5
JUDD002	52.00	53.00	1.00	392175	0.02	0	4.2
JUDD002	53.00	54.00	1.00	392177	-0.01	0	4.6

Appendix 2 – JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data (Criteria in this section apply to all succeeding sections).

Criteria	Commentary
Sampling techniques	• Diamond core was split in half lengthways and sampled at 0.5 m intervals inside alteration zones and 1.0 m intervals outside this. Half core was retained on site in Juruena for future reference. • Samples were placed in high density plastic sample bags and sealed shut with cable ties. • Sample mass varied according to the sample length, typically mass varied between 1- 6kg.
Drilling techniques	• Coring was done by GEOSOL Brasil using a Sondas MACH-1200 diamond drill rig with conventional wireline technology. It had a capacity of 600 (six hundred) meters deep in HQ diameter and 800 (eight hundred) meters in NQ. • Holes were collared to fresh rock using HQ diametre, and the hole was completed using NQ diametre. • Drilling was standard tube (not triple tube). • Drill hole inclinations ranged from -45 to -77 degrees. • Down-hole surveys were carried out by GEOSOL at the completion of each hole using a MAXIBORE tool. • The drill was oriented every 3m in NQ core using a REFLEX ACT2 tool.
Drill sample recovery	• Diamond core recovery is recorded by measuring the length of core recovered compared to the length drill run. Drill recoveries were considered very good with over 90% of the drill runs > 90% recovery. • Gold mineralisation does not apparently correlate to zones of low sample recovery; sample bias due to poor sample recovery is therefore not believed to be an issue.
Logging	• All drill-holes are geologically and geotechnically logged, and the data stored in a digital database. • Logging of diamond drill-core is a combination of qualitative and quantitative and records: weathering, colour, texture, lithology, alteration, mineralisation, and structure. • The core is also photographed and catalogued.
Sub-sampling techniques and sample preparation	• Diamond drill-core is cut in half lengthways using a diamond saw. The core is consistently cut to the right of a cut/orientation line (looking downhole), and piece of core without the line is sampled. This ensures samples are representative and minimises any bias. • Duplicate samples are routinely done by cutting half of the core for sampling into quarter, and both pieces are analysed. • Sample lengths are determined by geology: 0.5m inside alteration zones and 1.0m outside them. This is considered appropriate for the style of mineralisation.
Quality of assay data and laboratory tests	• Sample preparation was undertaken by ALS Laboratories (Goiania, Brasil). Preparation included: coarse crushing of entire sample, fine crushing to 90% passing 2mm, and pulverising a 1 kg split to 95% passing 106um. • The samples were analysed for Au by ALS Laboratories (Lima, Peru) using Fire Assay Au-AA26 with 50g aliquots followed by Atomic Absorption Spectroscopy (AAS), a technique designed to report total gold. On occasions where 'visible gold' was present

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	or Fire Assay results were >100g/t Au a Screen Fire Assay (Au-SCR24) was requested. These are considered appropriate methods for this style of mineralisation. Additionally, a multi element suite of ME-MS61 48 element 4 acid ICP-MS was done. • Standards (certified reference material), blanks and duplicates were inserted into the sample stream at the rate of 1:20, 1:25 and 1:40 samples, respectively for the sample batches of 50. • Routine analysis of the results of the Blanks, Standards and Duplicates are carried out and any variation away from pre-determined limits are discussed with the lab. Any issues not resolved to Meteoric's satisfaction are re-analysed on a batch basis. No external check laboratory assays have been completed on these samples. • The coarse and pulp sample rejects from the preparation and analytical laboratories were retained and stored at the laboratory, allowing for re-assaying in the future if required. All pulps are stored indefinitely.
Verification of sampling and assaying	• Significant intercepts have been checked and replicated by the Independent qualified person for this release. Meteoric geologists also revisit the drill core for visual inspection and verification. • All drill-hole data is recorded in Microsoft Excel spreadsheets and appended/merged into a Microsoft Access database. The entry of data is controlled by a database administrator. Standardised geological codes and checks have been employed to ensure standardised geological logging and required observations performed. The database is stored by a 'Cloud' storage service. Work procedures exist for all actions concerning data management. • No twin holes were employed in this drilling campaign. • No adjustments or calibrations were made to any assay data .
Location of data points	• Collar surveys are initially performed using handheld GPS with accuracy to ~5m . A licensed surveyor will check the locations using a total station (later in the field season. All drill-holes have been checked spatially in 3D and all obvious errors addressed. • The grid system used for all data types in a UTM projection, SIRGAS2000 Zone 21 Southern Hemisphere. • Topographic control in the area of the drilling is generally poor (+/- 10m), control is made using topographic maps and hand-held GPS.
Data spacing and distribution	• The drilling carried out is on a variable grid, depending on the targeting stage of the drilling. Grid spacing varies from 25m x 25m to approximate 50m x 50m grid, both horizontally and vertically (in the plane of the mineralised structure, which is sub-vertical). • The density of information is considered insufficient for conducting a mineral resource estimate to the standards required by the JORC 2012 mineral resource code. • No compositing was applied.
Orientation of data in relation to geological structure	• Mineralised structures were targeted and planned to be intersected so that minimal sample bias would occur. All structures were planned to be intersected as perpendicular as possible and to pass through the entire structure . • Wherever possible, all drill holes were oriented to intersect the intended structure perpendicular to the strike and a minimum of 40 degrees to the dip of the mineralised zone. The mineralised structures are visible from within the artisanal miners' workings which allowed drill holes to be oriented to minimise introducing a sample bias. • None of the reported significant intersections are a result of intentional sample bias. There is discussion in the text as to possible true widths.
Sample security	• Sampled core is packed flat in plastic bags and sealed with tape. These individual bags are then put in plastic woven bags which are tied and have a metal seal attached. A packing list (confirming the number of sacks for transport) is prepared and samples are transported by Meteoric staff to commercial transport company in Nova Bandeirantes and recorded on a consignment note. • Upon receipt at the laboratory, samples were checked in and the list of received samples immediately sent back to the company' s database administrator as a security check that all samples were received, and all were fully intact and not opened.
Audits or reviews	• The sampling techniques and data have been reviewed by the Competent Person and are found to be of industry standard. • No audits were completed by any external parties.

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Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	Commentary
Mineral tenement and land tenure status	• A full listing of the tenements is shown in Appendix 2. • There is an existing 1% net smelter return payable interests, historical sites, wilderness or national to a previous owner. There are three Garimpo mining licences within the tenement package, allowing the Garimperos to legally work under certain restrictions. The tenements are not subject to any native title interests but is located within the border zone around a national park. Within this border zone further conditions may be required to gain an operating licence. Cattle grazing and legal timber felling are the two primary industries and land uses for the area.
Exploration done by other parties	• Garimperos first discovered the mineralised areas around Juruena in the 1970's . Garimperos have been active in the region since, recovering gold from alluvial, colluvial and some oxidised rock. The area has been explored on and off from the mid 1990's through to the present, with the majority of drilling taking place over the last four to five years. • Madison Minerals Ltd first explored and carried out some drilling evaluation of the Juruena core area in 1995/1996. The drill information of Madison would not be useable in a JORC compliant mineral resource estimate, however Meteoric considers the information relevant from an exploration perspective and will use these results to guide future exploration work. Lago Dourado Minerals drill tested several anomalies and zones from 2010 to 2013. All work undertaken by Lago Dourado Minerals was performed to a JORC compliant standard and the data generated is considered sufficient to be used for a JORC compliant mineral resource estimate, should further results confirm continuity, grade and geological interpretation in the future.
Geology	• The Juruena mineralisation is considered to have resulted from magmatic activity (intrusions and fluids) which could be sourced from a gold rich source rock and concentrated along structural zones. The mineralisation is hosted by Paleoproterozoic volcanic and granitoid rocks of varying composition. The host rocks are found within the Juruena-Rondonia block of the Amazon Craton.
Drill hole Information	• See body of report
Data aggregation methods	• Significant intercepts were calculated using a 0.5 Au ppm lower cut-off, no upper cut, and up to 4m of consecutive dilution. Sample intervals were not equal to 1 m were weight averaged.
Relationship between mineralisation widths and intercept lengths	• As far as practically possible and with the geological interpretation available, The drill targets were tested with the aim of intersecting the interpreted mineralised structure as perpendicular as possible to the strike. All positive holes to date intersected the mineralisation are minimum of 40 degrees to the dip, which will cause a slight overstatement of the actual intercept width. All results are reported as downhole widths.
Diagrams	• See included Figure(s) in the announcement.
Balanced reporting	• Results are reported from all significant intercepts in Appendix 1.
Other substantive exploration data	• Metallurgical results are mentioned in the body of the report, there has been no bulk testwork.
Further work	• Further work is discussed in the body of the report.

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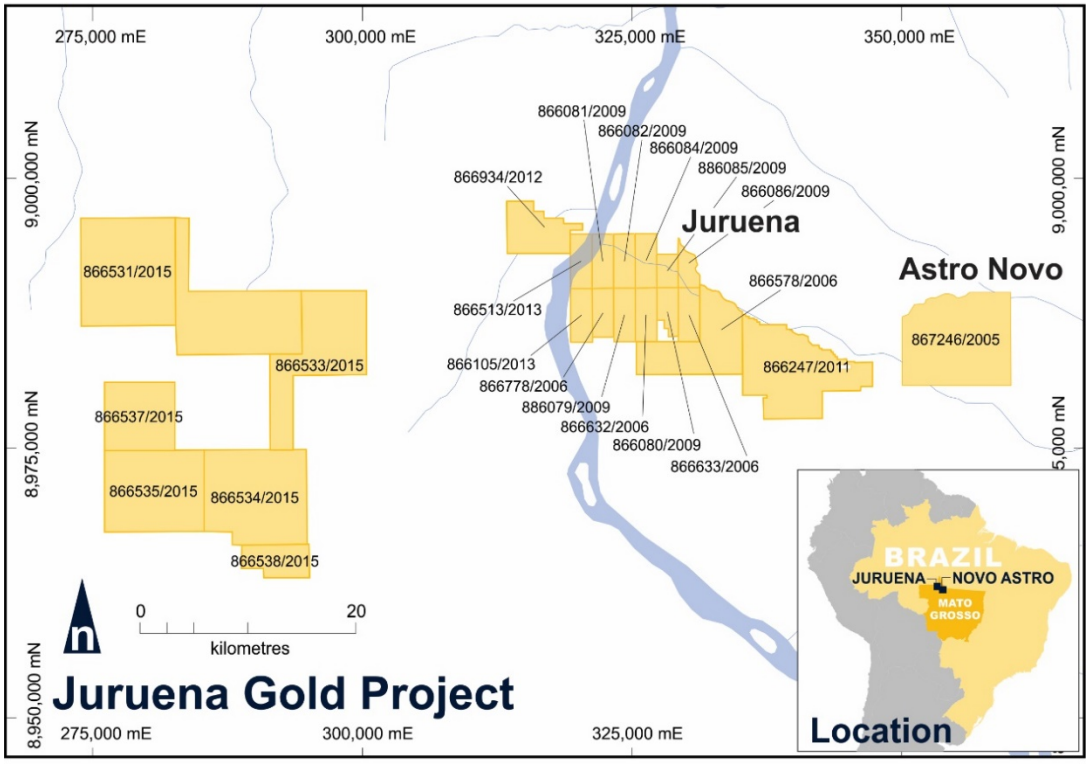
Appendix 2: Table of Licences on Brazil for Juruena and Novo Astro Projects

Claim No.	Status	City	Ownership %
866.079/2009	Granted Exploration Permit	NOVA BANDEIRANTES/ MT	100%
866.081/2009	Granted Exploration Permit	COTRIGUAÇU/MT, NOVA BANDEIRANTES/ MT	100%
866.082/2009	Granted Exploration Permit	COTRIGUAÇU/MT, NOVA BANDEIRANTES/ MT	100%
866.084/2009	Granted Exploration Permit	NOVA BANDEIRANTES/ MT	100%
866.778/2006	Granted Exploration Permit	NOVA BANDEIRANTES/ MT	100%
866.531/2015	Granted Exploration Permit	COLNIZA/MT, COTRIGUAÇU/MT	100%
866.532/2015	Granted Exploration Permit	COTRIGUAÇU/MT	100%
866.533/2015	Granted Exploration Permit	COLNIZA/MT, COTRIGUAÇU/MT	100%
866.534/2015	Granted Exploration Permit	COLNIZA/MT, COTRIGUAÇU/MT	100%
866.535/2015	Granted Exploration Permit	COLNIZA/MT, COTRIGUAÇU/MT	100%
866.537/2015	Granted Exploration Permit	COLNIZA/MT, COTRIGUAÇU/MT	100%
866.538/2015	Granted Exploration Permit	COTRIGUAÇU/MT	100%
866.085/2009	Granted Exploration Permit	NOVA BANDEIRANTES/ MT	100%
866.080/2009	Granted Exploration Permit	NOVA BANDEIRANTES/ MT	100%
866.086/2009	Granted Exploration Permit	NOVA BANDEIRANTES/ MT	100%
866.247/2011	Granted Exploration Permit	NOVA BANDEIRANTES/ MT	100%
866.578/2006	Granted Exploration Permit	NOVA BANDEIRANTES/ MT	100%
866.105/2013	Granted Exploration Permit	NOVA BANDEIRANTES/ MT	100%
866.934/2012	Granted Exploration Permit	COTRIGUAÇU/MT	100%
866.632/2006	Granted Exploration Permit	NOVA BANDEIRANTES/ MT	100%
866.633/2006	Granted Exploration Permit	NOVA BANDEIRANTES/ MT	100%
866.294/2013	Granted Exploration Permit	NOVA BANDEIRANTES/ MT	100%
866.513/2013	Granted Exploration Permit	COTRIGUAÇU/MT, NOVA BANDEIRANTES/ MT	100%
867.246/2005	Granted Exploration Permit	NOVA BANDEIRANTES/ MT	100%



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