

**Pedra Branca PGE Project, Ceara State, Brazil: March 2022 NI 43-101 Inferred Resource**

Target	Weathering	Grade						Contained Metal				
		Mass	Au	Pd	Pt	PdEq	PGE+Au	Au	Pd	Pt	PdEq	PGE+Au
		kt	g/t	g/t	g/t	g/t	g/t	000 oz	000 oz	000 oz	000 oz	000 oz
Trapia	Weathered	4,547	0.02	0.53	0.30	0.69	0.85	3	77	45	101	125
	Fresh	24,239	0.04	0.63	0.31	0.85	0.98	30	488	242	662	760
	<b>Total</b>	<b>28,786</b>	<b>0.04</b>	<b>0.61</b>	<b>0.31</b>	<b>0.82</b>	<b>0.96</b>	<b>34</b>	<b>565</b>	<b>286</b>	<b>763</b>	<b>885</b>
Cedro	Weathered	3,024	0.01	0.71	0.34	0.88	1.06	1	69	33	86	103
	Fresh	10,610	0.01	0.65	0.37	0.88	1.03	5	220	125	299	350
	<b>Total</b>	<b>13,634</b>	<b>0.01</b>	<b>0.66</b>	<b>0.36</b>	<b>0.88</b>	<b>1.03</b>	<b>6</b>	<b>290</b>	<b>158</b>	<b>384</b>	<b>453</b>
Esbarro	Weathered	4,713	0.05	0.79	0.41	1.02	1.25	8	120	62	154	189
	Fresh	6,071	0.01	0.72	0.36	0.94	1.09	2	140	71	184	213
	<b>Total</b>	<b>10,784</b>	<b>0.03</b>	<b>0.75</b>	<b>0.38</b>	<b>0.98</b>	<b>1.16</b>	<b>10</b>	<b>260</b>	<b>133</b>	<b>338</b>	<b>403</b>
Santo Amaro	Weathered	2,105	0.02	0.56	0.47	0.80	1.06	2	38	32	54	71
	Fresh	2,169	0.04	0.63	0.49	0.96	1.16	3	44	34	67	81
	<b>Total</b>	<b>4,274</b>	<b>0.03</b>	<b>0.60</b>	<b>0.48</b>	<b>0.88</b>	<b>1.11</b>	<b>4</b>	<b>82</b>	<b>66</b>	<b>121</b>	<b>153</b>
Curiu	Weathered	1,148	0.06	1.64	1.07	2.20	2.77	2	60	40	81	102
	Fresh	974	0.05	0.91	0.56	1.30	1.53	2	29	18	41	48
	<b>Total</b>	<b>2,122</b>	<b>0.06</b>	<b>1.30</b>	<b>0.84</b>	<b>1.79</b>	<b>2.20</b>	<b>4</b>	<b>89</b>	<b>57</b>	<b>122</b>	<b>150</b>
Massapê	Weathered	601	0.03	0.88	0.33	1.05	1.23	1	17	6	20	24
	Fresh	2,710	0.02	0.85	0.33	1.07	1.20	2	74	29	93	105
	<b>Total</b>	<b>3,312</b>	<b>0.02</b>	<b>0.86</b>	<b>0.33</b>	<b>1.06</b>	<b>1.21</b>	<b>2</b>	<b>91</b>	<b>35</b>	<b>113</b>	<b>129</b>
Cana Brava	Weathered	524	0.04	0.63	0.44	0.87	1.12	1	11	7	15	19
	Fresh	134	0.02	0.84	0.59	1.20	1.44	0	4	3	5	6
	<b>Total</b>	<b>657</b>	<b>0.04</b>	<b>0.68</b>	<b>0.47</b>	<b>0.94</b>	<b>1.18</b>	<b>1</b>	<b>14</b>	<b>10</b>	<b>20</b>	<b>25</b>
<b>All Targets</b>	Weathered	16,661	0.03	0.73	0.42	0.95	1.18	17	392	225	512	634
	Fresh	46,908	0.03	0.66	0.35	0.90	1.04	44	999	521	1,351	1,564
	<b>Total</b>	<b>63,568</b>	<b>0.03</b>	<b>0.68</b>	<b>0.36</b>	<b>0.91</b>	<b>1.08</b>	<b>61</b>	<b>1,391</b>	<b>746</b>	<b>1,862</b>	<b>2,198</b>

- The Mineral Resource estimates were prepared in accordance with the CIM Standards, and the CIM Guidelines, using geostatistical, plus economic and mining parameters appropriate to the deposit.
- All figures have been rounded to the relative accuracy of the estimates. Summed amounts may not add due to rounding.
- Mineral Resources are reported with effective date March 08, 2022.
- Mineral Resources were classified as Inferred. An Inferred Mineral Resource has a lower level of confidence than that applying to an Indicated Mineral Resource and must not be converted to a Mineral Reserve. It is reasonably expected that most of the Inferred Mineral Resources could be upgraded to Indicated Mineral Resources with continued exploration.
- Mineral Resources, which are not mineral reserves, do not have demonstrated economic viability. The Mineral Resources may be materially affected by environmental, permitting, legal, marketing, and other relevant issues.
- Mineral Resources are based upon a cut-off grade of 0.4 g/t PGE+Au, correlated to Pd\_eq grade of 0.35 g/t.
- Mineral Resources were limited by an economic pit built in Geovia Whittle 4.3 software and following the geometric and economic parameters:
  - Pit slope angles: 55°;
  - Price: Pd=US\$2000/oz, Pt=US\$1000/oz and Au=US\$1800/oz;
  - Costs: Mining costs=US\$2.00/t; Milling=US\$12.00/t; G&A=US\$1.50/t.
  - Metallurgical Recoveries:
    - Weathered rock: 68% for Pd, 67% for Pt and 40% for Au;
    - Fresh rock: 71% for Pd, 82.9% for Pt and 85.2% for Au.
- Blocks estimated by Ordinary Kriging at support of:
  - Trapia, Massapê, Esbarro: 40m x 40m x 4m with sub-block 5m x 5m x 2m;
  - Santo Amaro, Cedro, Cana Brava: 20m x 20m x 4m with sub-block 5m x 5m x 2m;
  - Curiu: 10m x 10m x 4m with sub-block 5m x 5m x 2m.
- PGE+Au grade = Pt g/t + Pd g/t + Au g/t.