

## Black Pine Phase 4A - Rangefront Variability Composite Gold Extraction Sensitivity to Modelled Crush Size

KCA Sample No.	Comp ID	Rock Formation	Calc Hd Au (ppm)	Gold Extraction %											
				75 μ	1700 μ	P80 12.5 mm	P80 25 mm	P80 50 mm	P80 75 mm	P80 100 mm	P80 125 mm	P80 150 mm	P80 175 mm	P80 200 mm	P80 250 mm
95101 A	BP533-90	RF-Pola	0.252	95.1	92.5	90.8	90.2	89.6	89.3	89.1	88.9	88.7	88.6	88.5	88.3
95102 A	BP533-91	RF-Pola	0.806	87.0	86.0	85.4	85.2	84.9	84.8	84.7	84.7	84.6	84.5	84.5	84.4
95106 A	B511CA-95	RF-Pola	0.196	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
95107 A	B511CA-96	RF-Pola	1.292	93.1	92.4	91.9	91.8	91.6	91.5	91.5	91.4	91.4	91.3	91.3	91.2
95108 A	B511CA-97	RF-Pola	1.788	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
95109 A	B511CA-98	RF-Pola	0.986	90.4	88.9	88.0	87.7	87.4	87.2	87.1	87.0	86.9	86.9	86.8	86.7
95110 A	B511CA-99	RF-Pola	0.281	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
95114 B	BP541-103	RF-Pola	0.237	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
95115 B	BP541-104	RF-Pola	0.235	73.8	71.1	69.3	68.7	68.1	67.7	67.5	67.3	67.1	67.0	66.9	66.7
95116 A	BP541-105	RF-Pola	0.247	87.5	87.3	87.2	87.1	87.1	87.1	87.1	87.0	87.0	87.0	87.0	87.0
95117 A	BP541-106	RF-Pola	0.590	87.8	87.3	87.0	86.8	86.7	86.7	86.6	86.6	86.5	86.5	86.5	86.5
95118 A	BP541-107	RF-Pola	0.226	81.4	77.4	74.8	73.9	73.0	72.4	72.1	71.8	71.5	71.3	71.2	70.9
95120 A	BP556-109	RF-Pola	0.309	61.7	58.2	55.9	55.1	54.4	53.9	53.6	53.3	53.1	52.9	52.8	52.5
95121 A	BP556-110	RF-Pola	0.179	80.9	74.1	69.7	68.2	66.6	65.8	65.1	64.6	64.2	63.9	63.6	63.1
95122 A	BP556-111	RF-Pola	1.022	88.1	86.7	85.8	85.5	85.2	85.0	84.9	84.8	84.7	84.6	84.6	84.5
95123 A	BP556-112	RF-Pola	0.771	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
95124 A	BP556-113	RF-Pola	0.258	82.4	81.7	81.3	81.2	81.0	80.9	80.9	80.8	80.8	80.8	80.7	80.7
<b>Weighted Average</b>			<b>0.569</b>	<b>88.5</b>	<b>81.0</b>	<b>79.5</b>	<b>79.0</b>	<b>78.5</b>	<b>78.2</b>	<b>78.0</b>	<b>77.8</b>	<b>77.7</b>	<b>77.6</b>	<b>77.5</b>	<b>77.3</b>
95103 A	B511CA-92	RF-Ppos	0.375	79.9	78.0	76.7	76.3	75.8	75.6	75.4	75.2	75.1	75.0	74.9	74.8
95104 A	B511CA-93	RF-Ppos	0.162	88.6	84.3	81.6	80.6	79.7	79.1	78.7	78.4	78.2	77.9	77.8	77.4
95105 A	B511CA-94	RF-Ppos	0.171	89.7	82.1	77.3	75.6	73.9	72.9	72.2	71.7	71.2	70.9	70.5	70.0
95111 A	BP541-100	RF-Ppos	0.275	79.9	77.6	76.2	75.7	75.2	74.9	74.7	74.5	74.4	74.3	74.2	74.0
95112 A	BP541-101	RF-Ppos	0.496	85.0	81.3	78.9	78.1	77.2	76.7	76.4	76.1	75.9	75.7	75.6	75.3
95113 A	BP541-102	RF-Ppos	0.156	89.6	89.4	89.2	89.2	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.0
95119 A	BP556-108	RF-Ppos	0.171	63.6	61.3	59.9	59.4	58.9	58.6	58.4	58.3	58.2	58.0	58.0	57.8
<b>Weighted Average</b>			<b>0.258</b>	<b>82.3</b>	<b>79.2</b>	<b>77.2</b>	<b>76.5</b>	<b>75.8</b>	<b>75.4</b>	<b>75.1</b>	<b>74.9</b>	<b>74.7</b>	<b>74.6</b>	<b>74.4</b>	<b>74.2</b>