

**APPENDIX B: Golden Star Announces Drilling Results at its Wassa and Father Brown Deposits Including the Extension of Gold Mineralization at Both Locations**

*Supplemental Document to Press Release Dated: July 15, 2019*

**All Father Brown Surface drilling results from the Inferred expansion drilling – Post Year end Resource Model Estimates**

HOLE ID	Azm (°)	Dip (°)	From (m)	To (m)	Interval (m)	~ True Width (m)	Grade Au (g/t)	Zone
FUGDD19018	100.4	-77.6	541.6	545.6	4.0	3.6	1.50	FBZ
FUGDD19019A	88.0	-74.4	565.0	566.5	1.5	1.4	3.21	FBZ HW
FUGDD19019A	88.4	-74.4	587.1	590.6	3.5	3.3	2.25	ADK
FUGDD19019A	89.1	-74.3	611	615.6	4.6	3.1	1.68	ADK
FUGDD19020	87.5	-68.9	367.8	370.0	2.2	1.6	11.40	ADK HW
FUGDD19020	88.1	-68.8	392.7	397.9	5.2	3.9	2.25	ADK
FUGDD19022	102.8	-74.8	636.0	640.0	4.0	2.7	4.8	ADK
FUGDD19023	82.4	-75.6	115.7	118.4	2.7	1.8	2.00	ADK HW
FUGDD19023	89.6	-71.3	441.4	447.0	5.6	4.0	3.70	ADK
FUGDD19025	94.9	-64.4	536.5	542.0	5.5	4.4	4.28	ADK
FUGDD19025	95.3	-64.4	549.8	551.3	1.5	1.2	12.42	ADK FW
FUGDD19028	83.75	-61.2	192.2	197	4.8	4.0	2.91	ADK
FUGDD19028	84.3	-59.6	242.0	248.0	6.0	5.1	1.40	ADK FW
FUGDD19029	90.4	-71.1	513.1	516.8	2.6	2.5	9.2	FBZ
FUGDD19029	93.2	-69.9	636.3	640.8	4.5	3.3	4.4	ADK
FUGDD19031A	86.6	-71.9	573.0	579.0	6.0	4.3	3.2	ADK
FUGDD19032A	78.6	-75.0	606.0	610.0	4.0	2.7	3.7	ADK
FUGDD19033	96.7	-69.0	495.0	504.0	9.0	6.7	5.6	ADK
FUGDD19033	96.6	-68.7	522.0	527.1	5.1	3.8	2.8	ADK FW
FUGDD19034	99.9	-74.1	369.0	375.0	6.0	4.1	2.0	ADK HW
FUGDD19034	101.6	-73.7	407.0	409.6	2.6	1.8	1.6	ADK
FUGDD19035	92.6	-61.5	371.4	373.6	2.2	1.8	4.7	ADK HW
FUGDD19035	92.8	-61.0	380.6	396.6	16.0	13.3	7.2	ADK
FUGDD19036A	88.7	-69.7	114.8	117.0	2.2	1.6	2.0	ADK HW
FUGDD19036A	94.5	-67.6	139.0	145.0	6.0	4.6	6.9	ADK
FUGDD19039	91.0	-80.0	826.0	839.5	13.5	8.1	8.7	ADK