

Table 1: Drill Assay Intercepts for Underground Diamond Drilling at Fosterville Gold Mine.
(Results are later and outside of the December 31, 2015 Indicated Mineral Resources)

Hole ID	From (m)	To (m)	Downhole Interval (m)	Estimated True Width (m)	Gold Grade (g/t Au)	Geological Structure
Lower Phoenix Footwall						
UDH1817⁽¹⁾	345.55	360.7	15.15	4.97	1,429	Lower Phoenix Footwall
Including⁽¹⁾	358.25	358.9	0.6	0.24	21,490	Lower Phoenix Footwall
UDH1919	246.4	247.5	1.1	0.4	11.82	Lower Phoenix Footwall
UDH1925	213.3	217.7	4.4	3.16	5.68	Lower Phoenix Footwall
UDH1927	201.5	202.4	0.9	0.83	2.21	Lower Phoenix Footwall
UDH1941⁽¹⁾	231.8	235.3	3.5	3.18	83.85	Lower Phoenix Footwall
Including⁽¹⁾	231.8	232.6	0.75	0.55	181.2	Lower Phoenix Footwall
And⁽¹⁾	324.35	325.0	0.65	0.46	234.1	Lower Phoenix Footwall
UDH1942⁽¹⁾	206.4	212.4	5.95	5.59	12	Lower Phoenix Footwall
UDH1943⁽¹⁾	195.8	203.0	7.2	6.01	356.2	Lower Phoenix Footwall
Including⁽¹⁾	198.7	200.6	1.85	1.69	1,339	Lower Phoenix Footwall
UDH1944	186.85	192.6	5.75	3.93	15.39	Lower Phoenix Footwall
UDH1945	187.95	192.7	4.7	3.56	21.14	Lower Phoenix Footwall
Including	187.95	188.6	0.65	0.4	85.9	Lower Phoenix Footwall
UDH1947	281.3	287.5	6.2	5.2	16.36	Lower Phoenix Footwall
UDH1948⁽¹⁾	267	268.7	1.65	1.47	26.21	Lower Phoenix Footwall
Including⁽¹⁾	267	267.6	0.6	0.38	58	Lower Phoenix Footwall
UDH1949⁽¹⁾	255	259.4	4.35	3.48	25.03	Lower Phoenix Footwall
Including⁽¹⁾	255.3	257.3	1.95	1.34	52.18	Lower Phoenix Footwall
Eagle						
UDH1901	210.9	212.8	1.9	1.86	9.32	Eagle
UDH1944	208.6	208.9	0.3	0.12	7	Eagle
UDH1940	272.6	277.1	4.5	1.99	9.71	Eagle
UDH1925	233	234.0	1	0.98	4.05	Eagle
UDH1874A	424.6	426.3	1.65	1.45	9.72	Eagle
UDH1875A	430.25	432.3	2	1.61	3.25	Eagle
UDH1865 ⁽¹⁾	406.2	408.1	1.9	1.51	11.36	Eagle
UDH1890A⁽¹⁾	474.3	485.7	11.35	6.47	15.97	Eagle
Including⁽¹⁾	481.9	482.4	0.45	0.24	195	Eagle
UDH1890	471.5	476.9	5.4	3.33	3.83	Eagle
UDH1890B	501.5	506.0	4.5	2.36	5.15	Eagle

Hole ID	From (m)	To (m)	Downhole Interval (m)	Estimated True Width (m)	Gold Grade (g/t Au)	Geological Structure
Harrier Base						
UDH1911	325.2	327.0	1.8	1.7	7.42	Harrier Base
UDH1908	336.5	338.2	1.65	1.6	15.84	Harrier Base
Including	337.35	337.9	0.5	0.47	29.8	Harrier Base
UDH1863	346.35	348.3	1.95	1.6	8.91	Harrier Base
UDH1862	353.3	354.0	0.7	0.6	10	Harrier Base
UDH1861	353.1	353.4	0.3	0.25	5.08	Harrier Base
UDH1871A	395.55	398.6	3.05	3	8.58	Harrier Base
UDH1870	395.85	396.3	0.45	0.45	5.2	Harrier Base

Notes: ⁽¹⁾ - Visible gold observed in drill intercept

Drill intercepts greater than 30 Gram-Metres (Estimated true width x gold grade) are shown in bold text

Drilling and Assay QAQC

Kirkland Lake Gold has in place quality-control systems to ensure best practice in drilling, sampling and analysis of drill core. All diamond drill hole collars (Table 2) are accurately surveyed using a Leica Total Stations instrument and down-hole deviations are measured by electronic multi-shot cameras.

All reported drill intercepts are from NQ2 sized diamond drill core that was either whole core sampled or cut longitudinally in half with a diamond saw. In the cases of sawn drill core, one-half of the drill-core was sent for assay and the other half retained for reference. Drill core sample intervals vary between 0.3 and 1.2m in length and were determined from logging of sulphide and visible gold.

Samples containing visible gold or considered likely to contain visible gold were separated from sulphide gold samples and dispatched independently for assaying. At the laboratory “visible gold” jobs were processed through a single pulverizer and material barren of gold was crushed before and after each sample to minimize the potential for gold to contaminate successive samples.

Assay results are based on 25-gram charge fire assays. Mean grades are calculated using a variable lower grade cut-off (generally 2 g/t Au) and maximum 2m internal dilution. No upper gold grade cut is applied to the data. However, during future resource work the requirement for assay top cutting will be assessed.

Drill samples were assayed at On Site Laboratories, an independent laboratory in Bendigo, Victoria. The facility is registered ISO 9001:2008 (CERT-C33510).

Table 2: Underground Diamond Drill Hole Collar Locations, Fosterville Gold Mine.

(Drilling Programs are later than and outside of the December 31, 2015 Indicated Mineral Resources)

Hole ID	Northing (m)	Easting (m)	Elevation (m)	Collar Azimuth (°)	Collar Plunge (°)	Depth (m)
Underground Resource Definition Drilling						
UDH1817	6,384	1,755	4,286	288.4	-49.2	381.1
UDH1861	4,949	1,627	4,632	106	-71.4	365.8
UDH1862	4,948	1,627	4,632	106.8	-62.3	362.9
UDH1863	4,949	1,627	4,632	105.5	-59	364.5
UDH1865	6,320	1,757	4,275	287.7	-47.8	432.9
UDH1870	4,847	1,571	4,634	93.5	-63.1	431.8
UDH1871A	4,847	1,571	4,634	102.9	-53.8	422.8
UDH1874A	6,320	1,757	4,275	288.3	-40.8	443.7
UDH1875A	6,320	1,757	4,275	287.7	-43	456
UDH1890	6,251	1,800	4,265	291.4	-45.5	521.9
UDH1890A	6,251	1,800	4,265	290.2	-38.7	509.6
UDH1890B	6,251	1,800	4,265	288.7	-42	560.4
UDH1901	6,565	1,764	4,314	277.3	-54	230.7
UDH1908	4,949	1,627	4,632	101.8	-67.5	371.2
UDH1911	4,949	1,627	4,632	92	-63	350.7
UDH1919	6,384	1,755	4,285	293.8	-52.6	368.8
UDH1925	6,449	1,757	4,295	267.6	-61.4	263.7
UDH1927	6,448	1,757	4,295	256.5	-64.6	248.7
UDH1940	6,513	1,380	4,189	93.2	-15.1	302.9
UDH1941	6,513	1,380	4,189	96.9	-23.7	260.5
UDH1942	6,513	1,379	4,188	96.9	-39.9	227.6
UDH1943	6,513	1,379	4,188	90	-39.3	224.4
UDH1944	6,584	1,402	4,188	94.8	-14.7	220
UDH1945	6,584	1,402	4,188	104.7	-24	209.9
UDH1947	6,477	1,359	4,190	97.2	-21.4	315.1
UDH1948	6,477	1,359	4,190	98.9	-29.7	309.2
UDH1949	6,477	1,359	4,189	101.1	-39.4	273.1

Note: Collar locations are in Fosterville Mine Grid coordinate system.