



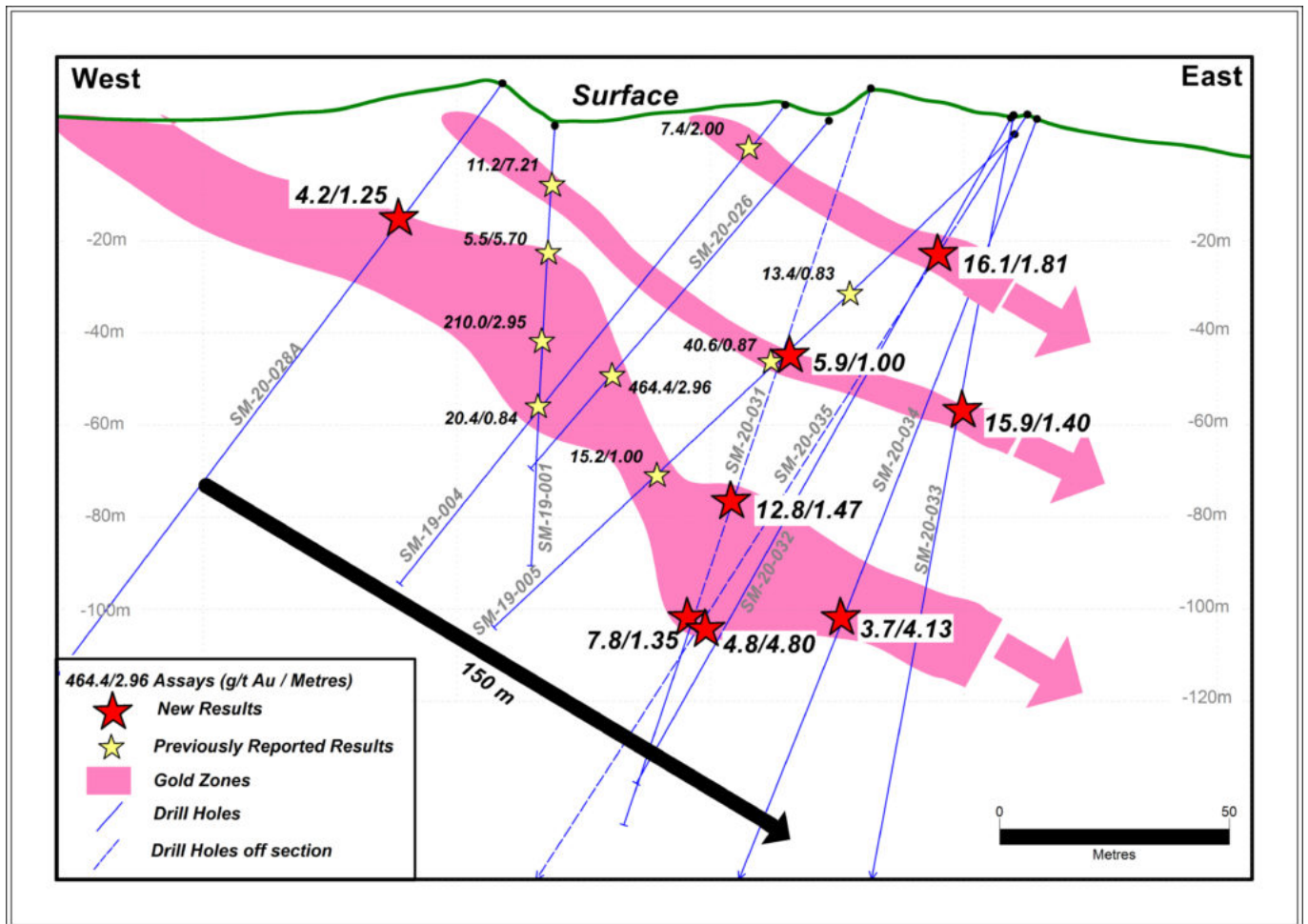
**MacDonald Mines  
Exploration Ltd.**

**MacDonald Mines Announces Further Assays  
from the Scadding Deposit with 24 g/t Gold  
over 0.65 m, 16.1 g/t over 1.81 m, 10.2 g/t  
over 1.1 m and 1.5 g/t over 25.15 m including  
12.8 g/t over 1.47 m**

**Toronto, Ontario - May 11, 2020** – MacDonald Mines Exploration Ltd. (TSX-V: BMK) (“MacDonald Mines”, “MacDonald” or the “Company”) announces further assay results from its Winter 2020 drilling program at the SPJ Property, 40 km east of Sudbury, Ontario. Highlights include: Hole 31 intersected 25.15 m of 1.5 g/t gold including 12.8 g/t gold over 1.47 m and 7.8 g/t gold over 1.35 m. Hole 33 intersected 24 g/t gold over 0.66 m and 8.6 g/t gold over 0.74 m. Hole 34 had an intercept of 10.2 g/t gold over 1.1 m at around 100-metres depth, 64 metres southeast of the high-grade intersection in SM-20-026 (*see February 27, 2020 News Release*). The Company remains well funded and is set to resume its 2020 resource definition drilling program in the coming days with strict health protocols put in place.

Results are indicating that gold mineralization in the North Pit area remains open in all directions and that the thickness of the mineralization zones remains relatively constant with increasing depth. To date, mineralization in the North Pit area has been traced over more than 200 metres down-dip and up to 150 metres laterally along strike (Figure 1).

**Figure 1. Cross-section of drilling results in the Bristol/Monaco Structure**



Quentin Yarie, MacDonald's President and CEO stated, "The drilling in the North Pit area continues to deliver near-surface gold intersections and shows the stacking of multiple zones of mineralization. We are systematically defining the geometry and extensions of the high-grade gold mineralization in the Bristol Structure and these initial results from the definition drilling program continue to indicate the continuity of the multiple zones of high-grade gold mineralization in the North Pit Area."

### Re-Assaying of Intersections with Visible Gold

MacDonald has re-analyzed 2020 drilling intersections in which visible gold was observed. The Company's practice to eliminate sampling bias is to always send the same side of the split core for assay - regardless of where any potential visible gold is noted. In those intersections where visible gold was present, the Company followed the same protocol utilized for hole 22 (see Feb. 20, 2020 News Release) and sampled the other side of the core to get a better representation of gold grades in those intersections. Both sets of assays (where applicable) are shown in Table 1.

MacDonald also noticed that the procedures used in sample preparation could considerably impact the detection of gold when gold occurs as coarse nuggets in the sample. Soft gold nuggets tend to get lost in metallic screen analyses, if the samples are crushed too finely, because the gold gets smeared along the walls of the pulverizer. To improve the recovery and analysis of the coarse

nuggets of gold present in the samples, the samples were crushed to a coarser size fraction prior to metallic screen analyses. Quarter core sampling is not consistent with CIM Mineral Exploration Best Practice Guidelines and will not be implemented by MacDonald on a regular basis.

**Table 1. Assay highlights from reported holes**

Hole	From (m)	To (m)	Length* (m)	Visible Gold Observed	Gold (g/t)	
					1st assay	2nd assay
SM-20-028A	37.30	38.55	1.25		4.2	
SM-20-029	37.65	40.10	2.45		0.8	
SM-20-030	93.55	94.88	1.33		0.6	
	99.31	100.25	0.94		0.6	
SM-20-031	61.35	62.35	1.00		<b>5.9</b>	
	94.30	119.45	25.15		0.5	1.5
	including					
	94.30	95.77	1.47	yes	2.0	<b>12.8</b>
	101.34	107.10	5.76	yes	0.61	1.1
SM-20-032	118.10	119.45	1.35	yes	4.2	<b>7.8</b>
	35.04	36.85	1.81	yes	<b>16.1</b>	
	including					
SM-20-033	35.04	35.54	0.50	yes	<b>40.7</b>	
	64.70	66.10	1.40	yes	3.7	<b>15.9</b>
	including					
SM-20-034	64.70	65.36	0.66	yes	0.65	<b>24.0</b>
	65.36	66.10	0.74	yes	6.4	<b>8.6</b>
	114.49	118.62	4.13	yes	<b>3.7</b>	3.4
SM-20-035	Including					
	116.25	117.35	1.10	yes	<b>10.2</b>	9.38
SM-20-036	132.30	137.00	4.80	yes	4.4	<b>4.8</b>
	including					
SM-20-037	135.45	136.13	0.68	yes	<b>14.7</b>	
	137.40	138.39	0.99		<b>3.4</b>	<i>pending</i>