



EMGOLD MINING CORPORATION

TECHNICAL REPORT

11.0 DRILLING

During mining of the Idaho-Maryland deposits, exploratory and delineation diamond drilling regularly took place. Eleven hundred holes totaling 230,000 ft (70,000 m) were diamond drilled, commonly to a 0° dip (horizontal). Core diameter was 7/8" (E-size). Hole traces were put onto the assay, stope, and geology various plans, as was all other information. No drill logs were observed.

Down hole surveys were not conducted, and deviation of the drill holes was common. Recorded in the geology monthly reports were experiences such as driving an underground heading on a drill hole only to find that the hole soon curved significantly from the planned orientation. The deviation was not consistent, and so could not be predicted. This observation was one of the main reasons AMEC recommended that mineral resources defined by drilling alone should be classified as inferred mineral resources (see Section 17).

No core was preserved from past mining operations at the Idaho-Maryland Mine.

Table 11-1: Intercepts of Unmined Mineralized

DDH #	Intercept (ft)	Calc True Width (ft)	Gold Grade ¹		Vein No.
			opt	g/tonne	
ID-500-2	26.0	25.4	0.21	7.2	ld87
ID-600-5	12.0	4.6	0.16	5.5	ld13
ID-600-6	6.5	4.4	0.14	4.8	ld13
ID-600-9	23.0	22.7	0.11	3.8	ld87
including	7.0	6.8	0.28	9.6	ld87
ID-850-2	8.7	3.5	0.71	24.3	ld14
ID-1100-4	42.0	16.6	0.11	3.8	ld88
including	10.0	3.9	0.34	11.7	ld88
ID-1500-24	12.5	11.5	0.38	13.0	ld22
ID-2000-7	10.0	9.3	0.18	6.2	ld6



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DDH #	Intercept (ft)	Calc True Width (ft)	Gold Grade ¹		Vein No.
			opt	g/tonne	
ID-200-24	48.3	24.3	0.11	3.8	ld78
including	12.1	6.1	0.29	9.9	ld78
ID-2350-2	10.0	4.4	0.10	3.4	ld85
including	4.0	1.8	0.17	5.8	ld85
ID-2350-3	15.0	8.5	0.10	3.4	ld84
including	6.0	3.4	0.15	5.1	ld84
ID-2400-4	31.5	26.2	0.09	3.1	ld31
including	3.5	2.9	0.23	7.9	ld31
ID-2400-18	27.5	18.7	0.10	3.4	ld93
including	5.0	3.4	0.24	8.2	ld93
ID-2400-30	103.9	48.7	0.29	9.9	ld53
including	12.9	6.0	0.17	5.8	ld53A
including	3.6	1.7	0.38	13.0	ld53
including	4.7	2.2	0.53	18.2	ld53
including	14.4	6.7	0.15	5.1	ld53B
ID-2400-31	35.0	18.7	0.35	12.0	ld53
including	9.0	4.8	1.20	41.2	ld53
ID-2400-33	53.0	49.2	0.05	1.7	ld53
including	4.2	3.9	0.16	5.5	ld53
ID-2400-36	23.0	15.7	0.13	4.5	ld53
including	3.0	2.0	0.73	25.0	ld53
ID-2400-40	2.0	1.2	0.37	12.9	ld92
And	41.0	25.6	0.10	3.4	
including	13.4	8.4	0.19	6.5	ld01A
including	2.7	1.7	0.70	24.0	ld01A
including	8.0	5.0	0.13	4.5	ld01
including	3.5	2.2	0.16	5.5	ld01
including	4.5	2.8	0.11	3.8	ld01
ID-2700-9	14.0	3.3	0.18	6.2	ld02J
ID-2700-15	171.5	168.4	0.10	3.4	



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DDH #	Intercept (ft)	Calc True Width (ft)	Gold Grade ¹		Vein No.
			opt	g/tonne	
including	4.5	4.4	0.15	5.1	ld95
including	5.5	4.1	0.14	4.8	ld96
including	22.5	22.1	0.15	5.1	ld59
including	17.0	16.7	0.39	13.4	ld97
ID-2700-19	25.5	6.4	0.29	9.9	ld02
including	9.0	2.3	0.57	19.5	ld02
ID-2700-20	19.0	5.1	0.26	8.9	ld02
ID-2700-23	12.5	10.5	0.36	12.3	ld51B
ID-2700-24	11.3	6.1	0.21	7.2	ld57
including	6.0	3.2	0.32	11.0	ld57
ID-2700-30	3.7	1.4	0.14	4.8	ld57
And	39.7	14.8	0.12	4.1	ld53
including	4.0	1.5	0.15	5.1	ld53D
including	15.8	5.9	0.22	7.5	ld53
And	3.5	1.3	0.15	5.1	ld53C
ID-2700-32	0.8	0.7	1.06	36.3	ld02H
ID-2700-42	5.0	3.5	0.22	7.5	ld51C
including	1.0	0.7	0.70	24.0	ld51C
BR-900-10	75.5	25.0	0.07	2.4	
including	13.0	4.3	0.17	5.7	Br57
BR-900-35	7.0	3.2	0.15	5.1	Br58
BR-900-39	8.4	4.1	0.19	6.5	Br58
including	4.3	2.1	0.33	11.3	Br58
BR-900-40	6.5	4.3	0.27	9.3	Br58
BR-1000-1	20.5	19.2	0.20	6.9	
including	12.5	11.7	0.25	8.6	Br07
BR-1000-10	10.0	7.4	0.18	6.2	Br12



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DDH #	Intercept (ft)	Calc True Width (ft)	Gold Grade ¹		Vein No.
			opt	g/tonne	
BR-1000-15	14.0	5.1	0.46	15.8	Br55
BR-1300-6	85.0	82.2	0.04	1.4	
including	6.0	5.8	0.25	8.6	Br10
BR-1300-11	106.5	96.6	0.06	2.1	
including	15.0	13.6	0.27	9.3	Br51
including	4.5	4.1	0.07	2.4	Br49
BR-1300-12	89.0	62.3	0.04	1.4	
including	12.0	8.4	0.05	1.7	Br51
including	10.0	7.0	0.15	5.1	Br49
BR-1300-14	65.3	60.4	0.04	1.4	
including	4.0	3.7	0.15	5.1	Br52
including	3.0	2.8	0.35	12.0	Br31A
including	1.3	1.2	0.19	6.5	Br31
BR-1450-23	40.6	33.1	0.04	1.4	
including	2.7	2.2	0.16	5.5	Br28
BR-3280-7	19.2	14.2	0.21	7.2	Id50
including	3.1	2.3	1.05	3.6	Id50
BR-3280-8	9.0	8.8	0.28	9.6	Id05
including	2.9	2.8	0.65	22.3	Id05
BR-3280-9	5.2	5.1	0.14	4.8	Id99
And	25.4	24.7	0.06	2.1	
including	3.2	3.1	0.10	3.4	
including	7.0	6.8	0.12	4.1	Id05A
And	8.8	8.6	0.15	5.1	Id05
And	0.8	0.7	0.67	23.0	Id05B
BR-3280-19	2.9	2.3	0.35	12.0	Id25A
BR-3280-25	1.5	1.3	0.47	16.1	Id25A
And	1.7	1.4	0.36	12.3	Id25B
And	174.7	67.0	0.05	1.7	
including	6.0	2.3	0.65	22.3	Id02
And	4.5	1.7	0.11	3.8	Unknown



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DDH #	Intercept (ft)	Calc True Width (ft)	Gold Grade ¹		Vein No.
			opt	g/tonne	
And	9.3	3.5	0.16	5.5	Unknown
including	4.1	1.6	0.28	9.6	Unknown
And	5.6	2.1	0.10	3.4	Unknown
And	1.9	0.7	0.12	4.1	Unknown
BR-3280-34	5.6	4.8	0.21	7.2	Id03
BR-3280-35	7.4	7.3	0.24	8.2	Id03
BR-3280-36	15.8	15.6	0.14	4.8	Id03

1. Grade has been calculated by a factor of 1 oz/short ton = 34.287 g/tonne.