TABLE 3.1

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

DEVELOPMENT PROPOSAL FOR THE MARY RIVER PROJECT

POTENTIAL QUARRY AND BORROW SOURCES

ID	Location	Comments	UTM Coordinates		Type of Material To Be Excavated	Estimated Volume Required (m^3)
			Northing (m)	Easting (m)		
Existing Quarries and Borrow Sources (Permitted under existing QIA Commercial Lease)						
Rock Quarry No. 1	Southeast of Milne Inlet	Currently used for Milne Inlet Tote Road upgrades	504,274	7,975,050	Rock	TBD
Rock Quarry No. 2	Mary River Site	Currently used for Milne Inlet Tote Road upgrades	562,547	7,912,983	Rock	TBD
Borrow Source No. 1 [5]	Southeast of Milne Inlet	Currently used for Milne Inlet Tote Road upgrades	505,059	7,973,100	Sand and Gravel	TBD
Borrow Source No. 2 [6]	Along Milne Inlet Tote Road, approx. 30 km northwest of Mary River Site	Currently used for Milne Inlet Tote Road upgrades	529,115	7,926,156	Sand and Gravel	TBD
Borrow Source No. 3 [6]	Along Milne Inlet Tote Road, approx. 4.5 km west of Mary River Site	Currently used for Milne Inlet Tote Road upgrades	553,808	7,914,476	Sand and Gravel	TBD
Potential Quarries and Borrow Sources						
BC8	Mine Site	Potential rock quarry for rail construction	7,913,092	563,296	Rock	640,000
BC 10	Steensby Route C	Potential rock quarry for rail construction	7,848,204	605,788	Rock	540,000
BC 12	Near Steensby Inlet	Potential rock quarry for rail construction	7,802,071	595,541	Rock	1,610,000
BOR 1	Railway km 12+700	Potential rock quarry for rail construction	7,905,049	574,396	Rock	790,000
BOR 2	Railway km 17+800	Potential rock quarry for rail construction	7,902,921	579,028	Rock	810,000
BOR 3/3A	Railway km 22+100	Potential rock quarry for rail construction	7,901,808	582,769	Rock	1,500,000
BOR 4A	Railway km 26+000	Potential rock quarry for rail construction	7,900,020	586,856	Rock	1,510,000
BOR 5A	Railway km 30+200	Potential rock quarry for rail construction	7,897,623	590,945	Rock	1,130,000
BOR 6	Railway km 37+000	Potential rock quarry for rail construction	7,892,702	594,535	Rock	TBD
BOR 7/7A/7B/7C	Railway km 40+600	Potential rock quarry for rail construction	7,889,238	595,633	Rock	1,970,000
BOR 8	Railway km 44+800	Potential rock quarry for rail construction	7,885,222	597,582	Rock	90,000
BOR 9A	Railway km 50+400	Potential rock quarry for rail construction	7,880,196	598,231	Rock	200,000
BOR 10	Railway km 56+100	Potential rock quarry for rail construction	7,876,174	597,981	Rock	500,000
BOR 11	Railway km 59+400	Potential rock quarry for rail construction	7,872,833	599,945	Rock	540,000
BOR 12/12A	Railway km 64+500	Potential rock quarry for rail construction	7,868,376	599,645	Rock	310,000
BOR 13	Railway km 67+000	Potential rock quarry for rail construction	7,865,603	599,724	Rock	640,000
BOR 14	Railway km 124+600	Potential rock quarry for rail construction	7,818,765	599,083	Rock	530,000
BAL-1A	Railway km 133+300	Potential rock ballast quarry for rail construction	7,811,243	601,167	Rock	410,000
BAL-2A	Railway km 138+100	Potential rock ballast quarry for rail construction	7,807,879	598,955	Rock	TBD
BAL-3A	Railway km 139+600	Potential rock ballast quarry for rail construction	7,806,394	598,671	Rock	TBD
BAL-4		Potential rock ballast quarry for rail construction	7,806,000	598,500	Rock	TBD
BR 1	Railway km 1+000	Potential rock quarry for rail construction	7,911,150	564,630	Rock	760,000
BR 2	Railway km 3+000	Potential rock quarry for rail construction	7,910,000	566,100	Rock	970,000
BR 3	Railway km 10+000	Potential rock quarry for rail construction	7,906,200	572,200	Rock	780,000
BR 4	Railway km 20+500	Potential rock quarry for rail construction	7,901,800	581,500	Rock	1,170,000
BR 5	Railway km 24+200	Potential rock quarry for rail construction	7,900,850	582,750	Rock	1,720,000
BR 6	Railway km 40+000	Potential rock quarry for rail construction	7,890,700	599,200	Rock	2,520,000
BR 7	Railway km 48+000	Potential rock quarry for rail construction	7,882,650	598,400	Rock	110,000
BR 8	Railway km 50+000	Potential rock quarry for rail construction	7,881,150	596,900	Rock	230,000
BR 9	Railway km 58+000	Potential rock quarry for rail construction	7,874,150	599,650	Rock	480,000
BR 10	Railway km 72+000 - 80+000	Potential rock quarry for rail construction	varies	varies	Rock	340,000
BR 11	Railway km 77+000	Potential rock quarry for rail construction	7,858,500	605,500	Rock	430,000
BR 12	Railway km 82+000 - 90+000	Potential material from cut sections of railway	varies	varies	Rock	410,000
BR 13	Railway km 95+000	Potential rock quarry for rail construction	7,841,100	607,500	Rock	640,000
BR 14	varies	Potential material from cut sections of railway	varies	varies	Rock	530,000
BR 15	Railway km 125+500	Potential rock quarry for rail construction	7,818,000	598,300	Rock	700,000
BR 16	Railway km 128+000	Potential rock quarry for rail construction	7,815,700	598,750	Rock	770,000
BR 17	Railway km 128+800	Potential rock quarry for rail construction	7,815,100	599,100	Rock	140,000
BR 18	Railway km 132+800	Potential rock quarry for rail construction	7,811,700	601,100	Rock	10,000
BR 19	Railway km 136+500	Potential rock quarry for rail construction	7,809,150	598,800	Rock	370,000
BR 20	Railway km 138+400	Potential rock quarry for rail construction	7,807,550	598,800	Rock	1,460,000
BR 21	Railway km 141+600	Potential rock quarry for rail construction	7,804,900	597,300	Rock	1,390,000
BR 22	Steensby Inlet Port	Potential rock quarry for port construction	7,799,778	595,832	Rock	TBD
BR 23	Steensby Inlet Port and Airstrip	Potential rock quarry for port and airstrip construction	7,799,458	597,456	Rock	TBD
BR 24	Steensby Inlet Airstrip	Potential rock quarry for airstrip construction	7,799,472	599,643	Rock	TBD
BR 25	Steensby Inlet Airstrip	Potential rock quarry for airstrip construction	7,799,639	600,469	Rock	TBD
CRQ1	Railway Construction Road	Potential rock quarry for construction road	7,836,235	610,320	Rock	80,000
CRQ2	Railway Construction Road	Potential rock quarry for construction road	7,831,624	606,598	Rock	260,000
CRQ3	Railway Construction Road	Potential rock quarry for construction road	7,825,440	602,297	Rock	170,000
CRQ4	Railway Construction Road	Potential rock quarry for construction road	7,819,806	599,112	Rock	80,000

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16-Mar-08

Notes:
1. The estimated area for each quarry/borrow source is much larger than that required in order to allow some flexibility in material selection.
2. Assumed 1.5 m overburden stripped from all quarry sites.
3. Rock volumes are in-situ measured.
4. Estimated area includes temporary explosives areas and Milne Inlet Tote Road portion.
5. Estimated area includes Milne Inlet Tote Road portion.

Quarries located on Inuit Owned Land