Table 7-1b: Vegetative Survey

Kennecott Eagle Minerals Company - Eagle Project Site

September 2008

Sampling Point	Date	30-foot Radius Circular Plot Woody Species			Square Meter Plot Herbaceous Species		
		Scientific Name	Common Name	# Stems	Scientific Name	Common Name	% Cover
1	9/11/08	*Pinus banksiana*	jack pine	19	*Pteridium aquilinum*	bracken fern	65
1	9/11/08	*Acer rubrum*	red maple	45	*Maianthemum canadense*	Canada mayflower	5
1	9/11/08	*Picea mariana*	black spruce	9	*Epigaea repens*	trailing arbutus	10
1	9/11/08	*Abies balsamea*	balsam fir	10	unknown	moss	5
1	9/11/08	*Pinus strobus*	white pine	1	unknown	lichens	5
1	9/11/08	*Amelanchier sp.*	serviceberry	6	*Vaccinium angustifolium*	blueberry	25
1	9/11/08	*Salix humilis*	prairie willow	7	*Gaultheria procumbens*	wintergreen	15
1	9/11/08				*Lycopodium digitatum*	digitate clubmoss	5
1	9/11/08				*Linnaea borealis*	twinflower	5
1	9/11/08				bare soil/duff		15
2	9/11/08	*Pinus banksiana*	jack pine	1	*Vaccinium myrtilloides*	Canada blueberry	50
2	9/11/08	*Picea mariana*	black spruce	24	*Maianthemum canadense*	Canada mayflower	5
2	9/11/08	*Abies balsamea*	balsam fir	1	*Pteridium aquilinum*	bracken fern	5
2	9/11/08				unknown	moss	5
2	9/11/08				*Cladonia* sp.	lichens	20
2	9/11/08				*Vaccinium angustifolium*	blueberry	5
2	9/11/08				*Deschampsia flexuosa*	hair grass	10
2	9/11/08				*Epigaea repens*	trailing arbutus	15
2	9/11/08				bare soil/duff		25
3	9/11/08	*Pinus banksiana*	jack pine	17	*Danthonia spicata*	poverty grass	5
3	9/11/08				*Vaccinium angustifolium*	blueberry	5
3	9/11/08				bare soil/duff		95
Note: Plot run over by vehicle							
10	9/11/08	*Pinus strobus*	white pine	1	*Vaccinium myrtilloides*	Canada blueberry	10
10	9/11/08	*Picea mariana*	black spruce	14	*Vaccinium angustifolium*	blueberry	10
10	9/11/08	*Pinus banksiana*	jack pine	1	*Pteridium aquilinum*	bracken fern	15
					Epigaea repens	trailing arbutus	5
					bare soil/duff		80
Note: Former Sampling Point 10 obliterated by new road. New Sampling Point 10 established 10 feet east of former sampling point.							
11	9/11/08				*Pinus banksiana*	jack pine	5
11	9/11/08				*Vaccinium angustifolium*	blueberry	60

Table 7-1b continued: Vegetative Survey

Kennecott Eagle Minerals Company - Eagle Project Site

September 2008

Sampling Point	Date	30-foot Radius Circular Plot Woody Species			Square Meter Plot Herbaceous Species		
		Scientific Name	Common Name	# Stems	Scientific Name	Common Name	% Cover
11	9/11/08				*Pteridium aquilinum*	bracken fern	5
11	9/11/08				*Danthonia spicata*	poverty grass	55
11	9/11/08				bare soil/duff		15
12	9/11/08	*Picea mariana*	black spruce	19	*Vaccinium angustifolium*	blueberry	20
12	9/11/08	*Pinus banksiana*	jack pine	24	*Vaccinium myrtilloides*	Canada blueberry	25
12	9/11/08	*Abies balsamea*	balsam fir	1	*Gaultheria procumbens*	wintergreen	20
12	9/11/08	*Acer rubrum*	red maple	3	*Maianthemum canadense*	Canada mayflower	5
12	9/11/08				unknown	moss	80
12	9/11/08				*Pteridium aquilinum*	bracken fern	25
12	9/11/08				bare soil/duff		10
13	9/11/08	*Pinus banksiana*	jack pine	32	*Vaccinium angustifolium*	blueberry	75
13	9/11/08	*Picea mariana*	black spruce	44	*Maianthemum canadense*	Canada mayflower	5
13	9/11/08	*Larix laricina*	tamarack	5	*Sphagnum* sp.	sphagnum moss	95
13	9/11/08				*Chamaedaphne calyculata*	leather leaf	5
14	9/10/08	*Pinus banksiana*	jack pine	11	*Maianthemum canadense*	Canada mayflower	5
14	9/10/08/	*Abies balsamea*	balsam fir	5	*Vaccinium angustifolium*	blueberry	75
14	9/10/08	*Picea mariana*	black spruce	20	*Epigaea repens*	trailing arbutus	10
14	9/10/08	*Amelanchier sp.*	serviceberry	1	unknown	moss	70
14	9/10/08	*Salix humilis*	prairie willow	1	*Trientalis borealis*	starflower	5
14	9/10/08				*Pteridium aquilinum*	bracken fern	50
14	9/10/08				*Carex pensylvanica*	sedge	5
14	9/10/08				*Amelanchier* sp.	serviceberry	5
14	9/10/08				bare soil/duff		20
15	9/10/08	*Acer rubrum*	red maple	43	*Vaccinium angustifolium*	blueberry	20
15	9/10/08	*Pinus banksiana*	jack pine	33	*Vaccinium myrtilloides*	Canada blueberry	5
15	9/10/08	*Prunus serotina*	black cherry	1	*Apocynum androsaemifolium*	spreading dogbane	5
15	9/10/08	*Salix humilis*	prairie willow	1	*Pteridium aquilinum*	bracken fern	50
15	9/10/08				*Cladonia* sp.	lichen	10
15	9/10/08				bare soil/duff		80

Table 7-1b continued: Vegetative Survey

Kennecott Eagle Minerals Company - Eagle Project Site

September 2008

Sampling Point	Date	30-foot Radius Circular Plot Woody Species			Square Meter Plot Herbaceous Species		
		Scientific Name	Common Name	# Stems	Scientific Name	Common Name	% Cover
20	9/10/08	*Pinus banksiana*	jack pine	11	*Vaccinium angustifolium*	blueberry	15
20	9/10/08				*Gaultheria procumbens*	wintergreen	5
20	9/10/08				unknown	moss	10
20	9/10/08				*Cladonia* sp.	lichen	5
20	9/10/08				*Deschampsia flexuosa*	hair grass	5
20	9/10/08				*Vaccinium myrtilloides*	Canada blueberry	15
20	9/10/08				*Pteridium aquilinum*	bracken fern	40
20	9/10/08				bare soil/duff		80
21	9/10/08	*Picea mariana*	black spruce	14	*Vaccinium angustifolium*	blueberry	50
21	9/10/08	*Pinus banksiana*	jack pine	11	*Epigaea repens*	trailing arbutus	10
21	9/10/08	*Acer rubrum*	red maple	10	*Deschampsia flexuosa*	hair grass	5
21	9/10/08	*Pinus strobus*	white pine	1	*Pteridium aquilinum*	bracken fern	95
21	9/10/08	*Salix humilis*	prairie willow	2	unknown	lichens	5
21	9/10/08				*Vaccinium myrtilloides*	Canada blueberry	5
21	9/10/08				unknown	moss	5
21	9/10/08				bare soil/duff		40
22	9/10/08	*Populus tremuloides*	quaking aspen	52	*Populus tremuloides*	quaking aspen	10
22	9/10/08	*Picea glauca*	white spruce	1	*Amelanchier* sp.	serviceberry	5
22	9/10/08	*Prunus serotina*	wild black cherry	17	*Vaccinium angustifolium*	blueberry	40
22	9/10/08	*Pinus strobus*	white pine	1	*Pteridium aquilinum*	bracken fern	55
22	9/10/08	*Acer rubrum*	red maple	1	*Pinus strobus*	white pine	5
22	9/10/08	*Abies balsamea*	balsam fir	1	*Danthonia spicata*	poverty grass	10
22	9/10/08				*Deschampsia flexuosa*	hair grass	5
22	9/10/08				*Gaultheria procumbens*	wintergreen	5
22	9/10/08				*Cladonia* sp.	lichen	5
22	9/10/08				*Acer rubrum*	red maple	5
22	9/10/08				*Vaccinium myrtelloides*	Canada blueberry	5
22	9/10/08				bare soil/duff		30
23	9/10/08	*Pinus banksiana*	jack pine	17	*Danthonia spicata*	poverty grass	5
23	9/10/08	*Prunus serotina*	wild black cherry	19	*Deschampsia flexuosa*	hair grass	25
23	9/10/08	*Picea mariana*	black spruce	1	*Vaccinium myrtilloides*	Canada blueberry	10
23	9/10/08	*Betula papyrifera*	paper birch	1	unknown	moss	5

Table 7-1b continued: Vegetative Survey

Kennecott Eagle Minerals Company - Eagle Project Site

September 2008

Sampling Point	Date	30-foot Radius Circular Plot Woody Species			Square Meter Plot Herbaceous Species		
		Scientific Name	Common Name	# Stems	Scientific Name	Common Name	% Cover
23	9/10/08	*Amelanchier sp.*	serviceberry	6	*Pteridium aquilinum*	bracken fern	60
23	9/10/08	*Prunus pensylvanica*	pin cherry	5	bare soil/duff		40
23	9/10/08	*Acer rubrum*	red maple	6			
23	9/10/08	*Populus tremuloides*	quaking aspen	1			
23	9/10/08	*Abies balsamea*	balsam fir	1			
24	9/10/08	*Acer rubrum*	red maple	32	*Ledum groenlandicum*	bog Labrador tea	25
24	9/10/08	*Picea mariana*	black spruce	24	*Sphagnum* sp.	sphagnum moss	25
24	9/10/08	*Larix laricina*	tamarack	2	*Vaccinium angustifolium*	blueberry	60
24	9/10/08	*Nemopanthus mucronata*	mountain holly	8	*Coptis trifolia*	goldthread	5
24	9/10/08	*Amelanchier sp.*	serviceberry	7	*Cornus canadensis*	bunchberry	5
24	9/10/08	*Abies balsamea*	balsam fir	5	*Clintonia borealis*	bluebead-lily	5
24	9/10/08	*Aronia prunifolia*	black chokeberry	1	*Gaultheria procumbens*	wintergreen	5
24	9/10/08	*Pinus strobus*	white pine	1	*Carex* sp.	sedge	5
24	9/10/08				*Kalmia polifia*	swamp-laurel	5
24	9/10/08				*Amelanchier* sp.	serviceberry	5
24	9/10/08				*Cladonia* sp.	lichen	5
24	9/10/08				bare soil/duff		5
25	9/10/08	*Pinus banksiana*	jack pine	10	*Vaccinium angustifolium*	blueberry	30
25	9/10/08	*Picea mariana*	black spruce	11	*Pteridium aquilinum*	bracken fern	40
25	9/10/08	*Abies balsamea*	balsam fir	2	unknown	moss	10
25	9/10/08	*Acer rubrum*	red maple	7	*Epigaea repens*	trailing arbutus	5
25	9/10/08	*Prunus serotina*	wild black cherry	3	*Cladonia* sp.	lichen	10
25	9/10/08	*Pinus strobus*	white pine	4	*Deschampsia flexuosa*	hair grass	5
25	9/10/08				bare soil/duff		15
26	9/10/08	*Pinus banksiana*	jack pine	12	*Vaccinium angustifolium*	blueberry	40
26	9/10/08	*Acer rubrum*	red maple	16	*Pteridium aquilinum*	bracken fern	80
26	9/10/08	*Pinus strobus*	white pine	3	*Acer rubrum*	red maple	5
26	9/10/08	*Abies balsamea*	balsam fir	6	*Deschampsia flexuosa*	hair grass	5
26	9/10/08	*Populus tremuloides*	quaking aspen	2	*Gaultheria procumbens*	wintergreen	5
26	9/10/08	*Picea mariana*	black spruce	1	unknown	moss	5
26	9/10/08				bare soil/duff		50

Table 7-1b continued: Vegetative Survey

Kennecott Eagle Minerals Company - Eagle Project Site

September 2008

Sampling Point	Date	30-foot Radius Circular Plot Woody Species			Square Meter Plot Herbaceous Species		
		Scientific Name	Common Name	# Stems	Scientific Name	Common Name	% Cover
27	9/10/08	*Picea mariana*	black spruce	77	*Acer rubrum*	red maple	15
27	9/10/08	*Acer rubrum*	red maple	87	*Carex stricta*	strict sedge	50
27	9/10/08	*Alnus incana*	tag alder	34	*Sphagnum* sp.	sphagnum moss	90
27	9/10/08	*Larix laricina*	tamarack	13	*Chamaedaphne calyculata*	leather leaf	10
27	9/10/08	*Betula papyrifera*	paper birch	1	*Coptis trifolia*	goldthread	5
27	9/10/08	*Amelanchier sp.*	serviceberry	11	*Gaultheria procumbens*	wintergreen	5
27	9/10/08	*Nemopanthus mucronata*	mountain holly	9	*Clintonia borealis*	bluebead-lily	5
27	9/10/08	*Abies balsamea*	balsam fir	2	*Ledum groenlandicum*	bog Labrador tea	5
27	9/10/08	*Aronia prunifolia*	black chokeberry	1	*Rubus hispidus*	swamp dewberry	5
27	9/10/08				*Gaultheria hispidula*	creeping snowberry	5
27	9/10/08				*Picea mariana*	black spruce	5
27	9/10/08				*Amelanchier* sp.	serviceberry	5
27	9/10/08				*Cornus canadensis*	bunchberry	5
27	9/10/08				*Iris versicolor*	wild blue flag	5
28	9/10/08	*Prunus serotina*	wild black cherry	29	*Trientalis borealis*	starflower	5
28	9/10/08	*Populus tremuloides*	quaking aspen	62	*Pteridium aquilinum*	bracken fern	60
28	9/10/08	*Pinus banksiana*	jack pine	7	*Danthonia spicata*	poverty grass	10
28	9/10/08	*Pinus resinosa*	red pine	7	*Vaccinium angustifolium*	blueberry	5
28	9/10/08	*Pinus strobus*	white pine	2	*Deschampsia flexuosa*	hair grass	15
28	9/10/08	*Amelanchier sp.*	serviceberry	21	unknown	moss	5
28	9/10/08	*Acer rubrum*	red maple	13	bare soil/duff		15
28	9/10/08	*Abies balsamea*	balsam fir	1			
28	9/10/08	*Prunus virginiana*	choke cherry	5			
28	9/10/08	*Picea mariana*	black spruce	1			
29	9/10/08	*Picea mariana*	black spruce	18	*Vaccinium angustifolium*	blueberry	5
29	9/10/08	*Pinus strobus*	white pine	1	*Gaultheria procumbens*	wintergreen	5
29	9/10/08	*Acer rubrum*	red maple	17	*Vaccinium myrtilloides*	Canada blueberry	10
29	9/10/08	*Amelanchier sp.*	serviceberry	3	*Prunus serotina*	wild black cherry	10
29	9/10/08	*Abies balsamea*	balsam fir	14	*Abies balsamea*	balsam fir	5
29	9/10/08	*Betula papyrifera*	paper birch	2	*Clintonia borealis*	bluebead-lily	5
29	9/10/08	*Prunus virginiana*	choke cherry	1	*Coptis trifolia*	goldthread	1
29	9/10/08	*Nemopanthus mucronata*	mountain holly	4	*Pteridium aquilinum*	bracken fern	5
29	9/10/08	*Prunus serotina*	wild black cherry	1	unknown	moss	25

Table 7-1b continued: Vegetative Survey

Kennecott Eagle Minerals Company - Eagle Project Site

September 2008

Sampling Point	Date	30-foot Radius Circular Plot Woody Species			Square Meter Plot Herbaceous Species		
		Scientific Name	Common Name	# Stems	Scientific Name	Common Name	% Cover
					Cornus canadensis	bunchberry	5
					bare soil/duff		40
30	10/14/08	*Abies balsamea*	balsam fir	21	*Prunus serotina*	wild black cherry	5
30	10/14/08	*Acer rubrum*	red maple	8	*Coptis trifolia*	goldthread	5
30	10/14/08	*Betula papyrifera*	paper birch	1	*Cornus canadensis*	bunchberry	25
30	10/14/08	*Pinus strobus*	white pine	3	*Vaccinium angustifolium*	blueberry	5
30	10/14/08	*Corylus cornuta*	beaked hazelnut	1	*Abies balsamea*	balsam fir	5
30	10/14/08				*Vaccinium myrtilloides*	Canada blueberry	10
30	10/14/08				*Pteridium aquilinum*	bracken fern	5
30	10/14/08				bare soil/duff		60
31	9/10/08	*Pinus banksiana*	jack pine	11	*Deschampsia flexuosa*	hair grass	2
31	9/10/08	*Betula papyrifera*	paper birch	2	*Pteridium aquilinum*	bracken fern	40
31	9/10/08	*Picea mariana*	black spruce	22	*Vaccinium angustifolium*	blueberry	10
31	9/10/08	*Abies balsamea*	balsam fir	19	unknown	moss	10
31	9/10/08	*Acer rubrum*	red maple	22	bare soil/duff		80
31	9/10/08	*Populus tremuloides*	quaking aspen	1			
31	9/10/08	*Amelanchier* sp.	serviceberry	1			
31	9/10/08	*Prunus serotina*	wild black cherry	6			
31	9/10/08	*Pinus strobus*	white pine	1			