

Cameco Australia Pty Ltd
Beatrice Project EL24291 - Sample and Mapping Point Alteration

SAMPLE_NUMBER	E_GDA94	N_GDA94	RL_m	Rock_type	Formation	Intensity	Colour	Type	Distribution	Comments
BT080001	302350.46	8602907.65	51	SDST	Phe2		1O	HE	PERV	Hematized on surface only.
BT080002	301601.47	8605240.63	28	DOL	Pdo		3G	SAUS	MTC	Replacement of feldspars with sericite.
BT080002	301601.47	8605240.63	28	DOL	Pdo		1G	CL	PERV	Weak chloritisation.
BT080003	302089.46	8605549.63	99	GNIS	Pxn		1G	CL	MTC	Chloritised feldspars.
BT080004	304098.45	8604821.63	70	GNIS	Pxn		1O	HE	PERV	Hematized throughout.
BT080004	304098.45	8604821.63	70	GNIS	Pxn		1Y	PY	VSTR	Sulphides in quartz veins.
BT080005	310667.39	8595432.7	212	SDST	Phe		2O	HE	PAT	Variably hematized
BT080005	310667.39	8595432.7	212	SDST	Phe		2	SIL	PERV	
BT080005	310667.39	8595432.7	212	SDST	Phe		2W	BH	PAT	Variably bleached
BT080006	310751.39	8595479.7	212	SDST	Phe		3	SIL	PERV	Highly silicified.
BT080006	310751.39	8595479.7	212	SDST	Phe		1I	HE	PERV	Very weak hematization.
BT080007	313969.37	8604170.63	242	GNIS	Pxn		3W	KA	REPL	BT + FX weathered to KA.
BT080008	313969.37	8604170.63	242	SDST	Phe1		3O	HE	PERV	Strongly hematized.
BT080009	313880.37	8604038.62	227	GNIS	Pxn		2G	CL	PERV	
BT080009	313880.37	8604038.62	227	GNIS	Pxn		1G	SE	MTC	Sericitised feldspars.
BT080010	317427.34	8603154.64	278	SDST	Phe		2I	HE	PERV	Moderate-strong HE
BT080010	317427.34	8603154.64	278	SDST	Phe		3	SIL	PERV	Extremely silicified
BT080012	304246.45	8604218.64	55	QZBX	Pxn		1B	HE	PERV	
BT080013	304338.45	8604298.63	59	GRAN	Pxn		3G	CL	PERV	
BT080013	304338.45	8604298.63	59	GRAN	Pxn		2G	SE	MTC	Sericitised feldspars
BT080013	304338.45	8604298.63	59	GRAN	Pxn		2R	HE	PERV	
BT080014	304314.45	8604270.64	69	GRAN	Pxn		3R	HE	PERV	
BT080014	304314.45	8604270.64	69	GRAN	Pxn		3G	CL	PERV	
BT080015	304478.45	8604470.64	70	GRDT	Pxn		2G	CL	PERV	
BT080015	304478.45	8604470.64	70	GRDT	Pxn		2G	CL	MTC	Chloritisation of feldspars
BT080016	313833.38	8602449.64	42	GRAN	Pxn1		1G	CL	MTC	Plagioclase pale green.
BT080018	311699.4	8608044.6	67	GNIS	Pxn		2	SE	MTC	Sericite in plagioclase
BT080019	311700.4	8608045.6	67	GRAN	Pxn1		1G	CL	MTC	
BT080020	292065.54	8608113.61	68	SDST	Phe		3O	HE	PAT	Hematized patches
BT080020	292065.54	8608113.61	68	SDST	Phe		2K	BH	PAT	
BT080020	292065.54	8608113.61	68	SDST	Phe		2R	HED	PERV	
BT080021	292066.54	8608114.61	68	SDST	Phe		3O	HE	PAT	Patchy hematite
BT080021	292066.54	8608114.61	68	SDST	Phe		2K	BH	PAT	
BT080021	292066.54	8608114.61	68	SDST	Phe		2R	HED	PERV	
BT080022	292123.54	8608129.61	114	SDST	Phe		1I	HE	PAT	
BT080022	292123.54	8608129.61	114	SDST	Phe		1O	HE	PAT	
BT080023	292462.54	8608182.61	79	SDST	Phe		3W	BH	PERV	
BT080023	292462.54	8608182.61	79	SDST	Phe		3	SIL	PERV	
BT080024	292463.54	8608183.61	79	SDST	Phe		3W	BH	PERV	
BT080025	292641.54	8608190.61	77	SDST	Phe		2	HE	PERV	Moderately hematized.
BT080025	292641.54	8608190.61	77	SDST	Phe		2RB	HE	SPEC	Specular hematite present.
BT080029	301889.47	8605449.63	108	GNIS	Pxn		1G	CL	PERV	Weakly chloritised.
BT080032	302197.47	8605574.63	93	DOL	Pdo		2R	HE	PERV	Hematized throughout.
BT080035	304134.45	8604821.63	80	GRDT	Pxn		3R	HE	PERV	Strongly hematized.
BT080036	304147.45	8604786.63	85	GNIS	Pxn		2R	HE	PERV	Rock becomes more Fe-rich uphill (east)
BT080044	313407.38	8607265.61	266	SDST	Phe		2R	HE	PERV	Moderately hematized.
BT080045	315723.36	8607131.6	312	SDST	Phe		1R	HE	STRT	Hematized along fractures.
BT080045	315723.36	8607131.6	312	SDST	Phe		1	SIL	PERV	Slightly silicified.
BT080046	317506.35	8603152.63	276	SDST	Phe		1W	BH	PAT	Patchy bleaching.
BT080046	317506.35	8603152.63	276	SDST	Phe		1I	HE	PERV	Slightly hematized.
BT080048	304489.45	8604465.64	70	GRAN	Pxn1		2R	HE	PERV	
BT080049	304176.45	8604126.64	45	QZBX	Pxn		2R	HS	SPOT	Specular hematite
BT080049	304176.45	8604126.64	45	QZBX	Pxn		3R	HE	PERV	Strongly hematized
BT080050	304220.45	8604190.63	50	QZBX	Pxn		2R	HS	SPOT	Specular hematite
BT080050	304220.45	8604190.63	50	QZBX	Pxn		3R	HE	PERV	Hematized breccia
BT080051	304251.45	8604223.64	51	QZBX	Pxn		2R	HS	SPOT	Specular hematite
BT080053	304252.45	8604266.64	57	GRAN	Pxn1		2R	HS	SPOT	Specular hematite
BT080053	304252.45	8604266.64	57	GRAN	Pxn1		3R	HE	PERV	
BT080054	304252.45	8604242.63	52	GRAN	Pxn1		3R	HE	PERV	Hematized.
BT080057	304276.45	8604281.63	62	QZBX	Pxn		3R	HE	PERV	
BT080057	304276.45	8604281.63	62	QZBX	Pxn		3G	CL	PERV	
BT080057	304276.45	8604281.63	62	QZBX	Pxn		2W	DQZ	DQZ	Drusy quartz crystals
BT080058	304272.45	8604289.63	64	GRAN	Pxn1		3G	CL	REPL	All biotite altered to chlorite
BT080058	304272.45	8604289.63	64	GRAN	Pxn1		3G	CL	PERV	Highly chloritised.
BT080059	304295.45	8604290.63	63	QZBX	Pxn		3R	HE	PERV	Strong hematite.
BT080060	304293.44	8604346.63	69	GRAN	Pxn1		2G	CL	PERV	
BT080060	304293.44	8604346.63	69	GRAN	Pxn1		2R	HE	PERV	
BT080061	304326.44	8604308.64	61	GRAN	Pxn1		2R	HE	PERV	Hematized granite
BT080067	316462.35	8597219.68	50	GRAN	Pxn		2G	CL	PERV	
BT080067	316462.35	8597219.68	50	GRAN	Pxn		2R	HE	PERV	
BT080068	316435.34	8597179.68	61	SDST	Phe		2W	DQZ	DQZ	Drusy quartz crystals.
BT080070	316379.35	8597262.68	48	DOL	Pdo		3G	SAUS	MTC	Saussuritised feldspars.
BT080078	304195.45	8604110.64	24.7	QZBX	Pxn		2R	HE	PERV	Hematized
BT080079	304189.45	8604121.64	26	QZBX	Pxn		2R	HE	PERV	Hematized
BT080080	304180.45	8604128.64	26.3	QZBX	Pxn		2G	CL	PERV	Chloritised
BT080080	304180.45	8604128.64	26.3	QZBX	Pxn		2R	HE	PERV	Hematized
BT080081	304184.45	8604139.63	26.1	GRAN	Pxn		2G	CL	PERV	
BT080081	304184.45	8604139.63	26.1	GRAN	Pxn		2R	HE	PERV	
BT080082	304187.45	8604152.63	26.3	GRAN	Pxn		2G	CL	PERV	
BT080082	304187.45	8604152.63	26.3	GRAN	Pxn		2R	HE	PERV	
BT080083	304180.45	8604164.64	25.9	QZBX	Pxn		2R	HE	PERV	
BT080086	304162.45	8604192.63	25.3	QZBX	Pxn		2R	HE	PERV	Hematized
BT080089	304190.45	8604218.64	26.2	QZBX	Pxn		2R	HE	PERV	Hematized
BT080090	304209.45	8604213.64	25.6	GRAN	Pxn		2G	CL	PERV	Chloritised

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SAMPLE_NUMBER	E_GDA94	N_GDA94	RL_m	Rock_type	Formation	Intensity	Colour	Type	Distribution	Comments
BT080091	304226.45	8604208.64	26.1	GRAN	Pxm	2	G	CL	PERV	Chloritised
BT080091	304226.45	8604208.64	26.1	GRAN	Pxm	2	R	HE	PERV	Hematized
BT080092	304238.45	8604192.63	26.5	GRAN	Pxn	2	G	CL	PERV	
BT080092	304238.45	8604192.63	26.5	GRAN	Pxn	2	R	HE	PERV	
BT080093	304246.45	8604183.63	24.8	GRAN	Pxn	2	G	CL	PERV	
BT080093	304246.45	8604183.63	24.8	GRAN	Pxn	2	R	HE	PERV	
BT080095	304263.45	8604152.63	23	GRAN	Pxn	2	R	HE	PERV	
BT080124	304299.45	8604239.63	29.2	GRAN	Pxn	2	G	CL	PERV	
BT080124	304299.45	8604239.63	29.2	GRAN	Pxn	2	R	HE	PERV	
BT080125	304280.45	8604248.63	29	GRAN	Pxn	2	G	CL	PERV	
BT080125	304280.45	8604248.63	29	GRAN	Pxn	2	R	HE	PERV	
BT080126	304265.45	8604249.63	28.3	GRAN	Pxn	2	G	CL	PERV	
BT080126	304265.45	8604249.63	28.3	GRAN	Pxn	2	R	HE	PERV	
BT080127	304255.45	8604250.63	28.2	GRAN	Pxn	2	G	CL	PERV	
BT080127	304255.45	8604250.63	28.2	GRAN	Pxn	2	R	HE	PERV	
BT080128	304236.45	8604242.63	26.6	GRAN	Pxn	2	G	CL	PERV	
BT080128	304236.45	8604242.63	26.6	GRAN	Pxn	2	R	HE	PERV	
BT080129	304212.45	8604245.63	26.1	GRAN	Pxn	2	R	HE	PERV	
BT080134	304214.45	8604322.64	28.5	GRAN	Pxn	2	R	HE	PERV	
BT080135	304231.45	8604325.64	27.9	GRAN	Pxn	2	R	HE	PERV	
BT080136	304246.45	8604321.64	27.6	GRAN	Pxn	2	G	CL	PERV	
BT080136	304246.45	8604321.64	27.6	GRAN	Pxn	2	R	HE	PERV	
BT080138	304271.44	8604316.64	28.7	GRAN	Pxn	2	R	HE	PERV	
BT080139	304289.45	8604319.64	30.8	GRAN	Pxn	2	G	CL	PERV	
BT080139	304289.45	8604319.64	30.8	GRAN	Pxn	2	R	HE	PERV	
BT080140	304300.45	8604318.64	33.3	GRAN	Pxn	2	G	CL	PERV	
BT080140	304300.45	8604318.64	33.3	GRAN	Pxn	2	R	HE	PERV	
BT080143	304316.45	8604292.63	38.8	GRAN	Pxn	2	G	CL	PERV	
BT080143	304316.45	8604292.63	38.8	GRAN	Pxn	2	R	HE	PERV	
BT080144	304320.45	8604291.63	39.5	GRAN	Pxn	2	G	CL	PERV	
BT080145	304321.45	8604289.63	39.5	GRAN	Pxn	2	G	CL	PERV	
BT080145	304321.45	8604289.63	39.5	GRAN	Pxn	2	R	HE	PERV	
BT080146	304327.45	8604286.63	39.4	GRAN	Pxn	1	R	HE	PERV	
BT080151	304365.45	8604231.63	25.7	GRAN	Pxn	2	G	CL	PERV	
BT080151	304365.45	8604231.63	25.7	GRAN	Pxn	2	R	HE	PERV	
BT080176	304467.45	8604329.63	28.1	GRAN	Pxn	2	R	HE	PERV	
BT080177	304465.44	8604335.63	28	GRAN	Pxn	2	R	HE	PERV	
BT080178	304462.45	8604343.63	29.9	GRAN	Pxn	2	R	HE	PERV	
BT080179	304452.45	8604349.63	32.1	GRAN	Pxn	2	R	HE	PERV	
BT080180	304446.45	8604363.64	35.5	GRAN	Pxn	2	R	HE	PERV	
BT080198	304346.45	8604370.64	36	GRAN	Pxn	2	G	CL	PERV	
BT080198	304346.45	8604370.64	36	GRAN	Pxn	2	R	HE	PERV	
BT080199	304346.45	8604364.64	37	GRAN	Pxn	2	G	CL	PERV	
BT080199	304346.45	8604364.64	37	GRAN	Pxn	2	R	HE	PERV	
BT080200	304357.45	8604354.63	40	GRAN	Pxn	2	G	CL	PERV	
BT080200	304357.45	8604354.63	40	GRAN	Pxn	2	R	HE	PERV	
BT080201	304364.45	8604349.63	42	GRAN	Pxn	2	R	HE	PERV	
BT080201	304364.45	8604349.63	42	GRAN	Pxn	3	G	CL	PERV	
BT080202	304372.45	8604349.63	42	GRAN	Pxn	2	G	CL	PERV	
BT080202	304372.45	8604349.63	42	GRAN	Pxn	2	R	HE	PERV	
BT080204	304375.45	8604341.63	43	GRAN	Pxn	3	G	CL	PERV	
BT080205	304382.45	8604332.63	42	GRAN	Pxn	3	G	CL	PERV	
BT080206	304391.45	8604325.64	39	GRAN	Pxn	2	R	HE	PERV	
BT080207	304398.45	8604325.64	38	GRAN	Pxn	2	R	HE	PERV	
BT080208	304404.45	8604324.64	36	GRAN	Pxn	2	R	HE	PERV	
BT080209	304403.44	8604309.64	32	GRAN	Pxn	2	R	HE	PERV	
BT080210	304406.45	8604302.63	29	GRAN	Pxn	2	R	HE	PERV	
BT080211	304403.44	8604294.63	29	GRAN	Pxn	2	R	HE	PERV	
BT080212	304384.45	8604271.64	29	GRAN	Pxn	2	R	HE	PERV	
BT080236	292218.54	8608283.61	74	SDST	Phe	2	R	HE	PERV	
BT080237	292189.54	8608237.61	71	SDST	Phe	2	R	HE	PERV	
BT080238	292083.54	8608209.61	71	SDST	Phe	2	R	HE	PERV	
BT080238	292083.54	8608209.61	71	SDST	Phe	3		SIL	PERV	Silicified
BT080239	292101.54	8608084.61	130	SDST	Phe	2	W	BH	PAT	Bleached
BT080239	292101.54	8608084.61	130	SDST	Phe	1	R	HE	PERV	Weakly hematized
BT080240	292300.54	8608130.61	97	RGLT	Q	1	W	BH	PAT	
BT080240	292300.54	8608130.61	97	RGLT	Q	1		SIL	PERV	
BT080241	292397.54	8608155.62	100	SDST	Phe	3		SIL	PERV	
BT080243	296199.51	8608107.62	27	SDST	Phe	1	R	HE	PERV	
BT080249	304176.45	8604126.64	27	GRAN	Pxn	3	R	HE	PERV	Strongly hematized
BT080250	304227.45	8604260.64	26	GRAN	Pxn	2	G	CL	PERV	Chloritised granite
BT080253	304240.45	8604248.63	27	GRAN	Pxn	2	G	CL	PERV	
BT080254	304242.45	8604245.63	27	GRAN	Pxn	2	G	CL	PERV	
BT080255	304246.45	8604218.64	26	QZBX	Pxn	2	R	HE	PERV	
BT080259	304255.45	8604278.64	28	GRAN	Pxn	2	R	HE	PERV	
BT080261	304257.45	8604217.64	26	GRAN	Pxn	2	G	CL	PERV	
BT080262	304257.45	8604231.63	27	GRAN	Pxn	2	G	CL	PERV	
BT080264	304266.45	8604219.64	26	GRAN	Pxn	2	G	CL	PERV	
BT080265	304271.44	8604258.64	29	QZBX	Pxn	2	G	CL	PERV	
BT080266	304272.45	8604289.63	30	GRAN	Pxn	3	G	CL	PERV	
BT080269	304314.45	8604243.63	30	GRAN	Pxn	2	G	CL	PERV	
BT080269	304314.45	8604243.63	30	GRAN	Pxn	2	R	HE	PERV	
BT080271	304317.45	8604319.64	37	GRAN	Pxn	2	R	HE	PERV	
BT080273	304326.44	8604308.64	41	GRAN	Pxn	2	R	HE	PERV	
BT080276	304333.45	8604301.63	42	GRAN	Pxn	2	R	HE	PERV	

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BT080278	304338.45	8604298.63	42	GRAN	Pxn	2	G	CL	PERV	
BT080278	304338.45	8604298.63	42	GRAN	Pxn	2	R	HE	PERV	
BT080279	304342.45	8604289.63	41	GRAN	Pxn	2	G	CL	PERV	
BT080280	304345.45	8604331.63	42	GRAN	Pxn	2	R	HE	PERV	
BT080282	304358.45	8604319.64	43	GRAN	Pxn	2	G	CL	PERV	
BT080283	304361.45	8604315.64	42	GRAN	Pxn	2	G	CL	PERV	
BT080284	304364.45	8604310.64	41	GRAN	Pxn	2	G	CL	PERV	
BT080284	304364.45	8604310.64	41	GRAN	Pxn	2	R	HE	PERV	
BT080285	304367.45	8604308.64	41	GRAN	Pxn	2	R	HE	PERV	
BT080288	301773.47	8605369.63	64	GNIS	Pxn	2	G	CL	MTC	Biotites altered to chlorites.
BT080289	301811.46	8605390.63	75	GNIS	Pxn	2	G	CL	MTC	Chloritised biotites.