

Cameco Australia Pty. Ltd.**Beatrice Project EL 24291 - Sample & Mapping point alteration****Beatrice Project EL 26796**

Sample Number	Rock type	Formation	Intensity	Colour	Type	Distribution	Comments
BT10GEO-001	SDST	Phe	Moderate	Pink-White	Silicification	Pervasive	
BT10GEO-002	SDST	Phe	Moderate		Silicification	Pervasive	
BT10GEO-003	SDST	Phe	Strong	Red	Hematite	Pervasive	
BT10GEO-004	SDST	Phe	Strong	Red	Hematite	Pervasive	
BT10GEO-011	SDST	Phe					
BT10GEO-030	SDST	Phe	Moderate		Silicification	Pervasive	
BT10KR-011	SDST	Phe	Strong		Bleaching	Pervasive	
BT10KR-012	SDST	Phe	Strong		Bleaching	Pervasive	
BT10MK-001	SDST	Phe	Moderate	Red	Diagenetic hematite	Pervasive	
BT10MK-001	SDST	Phe	Moderate	Buff	Silicification	Pervasive	
BT10MK-002	SDST	Phe	Moderate	Red	Hematite	Pervasive	
BT10MK-007	SDST	Phe	Weak	Buff	Bleaching	Pervasive	
BT10MK-007	SDST	Phe	Weak	Orange Red	Hematite	Disseminated	
BT10MK-007	SDST	Phe	Weak	Grey	Clay	Disseminated	
BT10MK-010	SDST	Phe	Weak	Red	Hematite	Disseminated	
BT10MK-011	SDST	Phe	Weak	Maroon	Diagenetic hematite	Pervasive	
BT10MK-012	SDST	Phe	Weak	Maroon	Diagenetic hematite	Pervasive	
BT10MK-014	SDST	Phe	Weak		Silicification	Pervasive	
BT10MK-014	SDST	Phe	Weak	Buff	Bleaching	Pervasive	
BT10MK-014	SDST	Phe	Weak	Pink	Hematite	Disseminated	
BT10MK-015	SDST	Phe	Moderate	Buff	Bleaching	Pervasive	
BT10MK-015	SDST	Phe	Moderate		Silicification	Pervasive	
BT10MK-018	SDST	Phe	Weak	Pink	Hematite	Disseminated	
BT10MK-018	SDST	Phe	Weak	Buff	Bleaching	Pervasive	
BT10MK-023	SDST	Phe	Moderate	Red Maroon	Diagenetic hematite	Pervasive	
BT10MK-023	SDST	Phe	Weak		Bleaching	Pervasive	
BT10MK-024	SDST	Phe	Weak		Bleaching	Pervasive	
BT10MK-024	SDST	Phe	Moderate	Red Maroon	Diagenetic hematite	Pervasive	
BT10MK-025	SDST	Phe	Strong	Red Maroon	Diagenetic hematite	Pervasive	
BT10MK-026	SDST	Phe	Strong	Red Maroon	Diagenetic hematite	Pervasive	
BT10MK-029	SDST	Phe	Moderate	Red Maroon	Diagenetic hematite	Pervasive	
BT10MK-029	SDST	Phe	Weak		Bleaching	Pervasive	
BT10MU-013	CONG	Phe	Weak	Pink	Hematite	Pervasive	
BT10MU-013	CONG	Phe	Moderate	Maroon	Diagenetic hematite	Bedding	
BT10MU-019	SDST	Phe	Strong		Bleaching	Pervasive	
C010762	SDST	Phe	Weak			Fracture	
C010762	SDST	Phe	Moderate		Silicification	Pervasive	
C010762	SDST	Phe	Strong		Bleaching	Pervasive	
C010763	DOL	Pdo	Moderate	Orange	Limonite	Pervasive	
C010763	DOL	Pdo	Moderate	Pink	Clay	Pervasive	
C010764	DOL	Pdo	Weak	Orange	Limonite	Matrix	
C010764	DOL	Pdo	Weak	Green	Chlorite	Pervasive	
C010765	SDST	Phe	Moderate	Red	Hematite	Banded irregular	
C010765	SDST	Phe	Moderate		Bleaching	Irregular	
C010765	SDST	Phe	Strong	Maroon	Diagenetic hematite	Banded	
C010766	SILT	Phe	Strong	Red	Hematite	Pervasive	
C010767	CONG	Phe1	Weak		Silicification	Matrix	
C010767	CONG	Phe1	Weak	Orange	Limonite	Pervasive	
C010767	CONG	Phe1	Weak	Red	Diagenetic hematite	Pervasive	
C010768	SDST	Phe	Weak	Red	Hematite	Disseminated	
C010768	SDST	Phe	Weak	Grey	Clay	Disseminated	
C010768	SDST	Phe	Weak	Buff	Bleaching	Pervasive	
C010769	SCH	Pxn	Weak	Orange	Hematite	Pervasive	
C010769	SCH	Pxn	Moderate		Bleaching	Pervasive	
C010770	SDST	Phe	Weak		Silicification	Pervasive	
C010770	SDST	Phe	Strong		Bleaching	Pervasive	
C010770	SDST	Phe	Weak	Orange	Limonite	Fracture	
C010772	SDST	Phe	Moderate		Bleaching	Pervasive	
C010772	SDST	Phe	Weak	Orange	Limonite	Pervasive	
C010773	SDST	Phe	Strong		Bleaching	Pervasive	
C010774	SDST	Phe	Weak	Red	Hematite	Pervasive	
C010774	SDST	Phe	Weak	Orange	Limonite	Fracture	
C010775	SDST	Phe	Weak	Orange	Limonite	Pervasive	
C010775	SDST	Phe	Moderate		Bleaching	Pervasive	
C010776	SDST	Phe	Strong		Bleaching	Pervasive	
C010776	SDST	Phe	Moderate		Silicification	Pervasive	
C010777	SDST	Phe	Weak		Silicification	Pervasive	
C010777	SDST	Phe	Strong		Bleaching	Pervasive	
C010777	SDST	Phe	Weak	Maroon	Hematite	Patchy	
C010778	SDST	Phe	Strong		Bleaching	Pervasive	
C010778	SDST	Phe	Moderate	Maroon	Hematite	Patchy	
C011285	GNIS	Pxm	Strong		Clay	Pervasive	
C011285	GNIS	Pxm	Strong	Maroon	Hematite	Pervasive	

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C011286	SDST	Phe	Strong		Bleaching	Pervasive	
C011286	SDST	Phe	Weak	Pink	Hematite	Pervasive	
C011286	SDST	Phe	Moderate	Brown	Hematite	Spot	
C011287	SDST	Phe	Moderate		Bleaching	Patchy	
C011287	SDST	Phe	Strong	Brown Red	Hematite	Patchy	
C011288	SDST	Phe	Moderate	Red	Hematite	Fracture	
C011288	SDST	Phe	Strong		Bleaching	Pervasive	
C011288	SDST	Phe	Weak	Pink	Hematite	Spot	
C011289	SDST	Phe	Strong		Bleaching	Patchy	
C011289	SDST	Phe	Weak	Orange	Hematite	Patchy	
C011289	SDST	Phe	Strong		Silicification	Pervasive	
C011290	SDST	Phe	Weak		Clay	Interstitial	
C011290	SDST	Phe	Weak		Silicification	Pervasive	
C011290	SDST	Phe	Strong		Bleaching	Pervasive	
C011291	SDST	Phe	Strong		Bleaching	Pervasive	
C011291	SDST	Phe	Strong	Orange Red	Hematite	Patchy	
C011292	SDST	Phe	Strong		Bleaching	Pervasive	
C011292	SDST	Phe	Strong		Silicification	Pervasive	
C011293	SDST	Phe	Moderate		Silicification	Pervasive	
C011293	SDST	Phe	Moderate	Orange	Hematite	Patchy	
C011294	SDST	Phe	Strong		Silicification	Pervasive	
C011294	SDST	Phe	Weak	Orange	Hematite	Banded	
C014248	GRAN	Pgt	Strong	White	Clay	Pervasive	advanced argillic alteration
C014248	GRAN	Pgt	Moderate	Orange	Limonite	Pervasive	
C014248	GRAN	Pgt	Strong	White	Silicification	Pervasive	
C014249	GRAN	Pgt	Weak	Red	Hematite	Pervasive	
C014249	GRAN	Pgt	Weak	Yellow	Pyrite	Pervasive	
C014249	GRAN	Pgt	Moderate	White	Clay	Replacement	
C014250	GRAN	Pgt	Weak	White	Clay	Replacement	
C014251	GRAN	Pgt	Weak	White	Clay	Replacement	
C014251	GRAN	Pgt	Moderate	Green	Chlorite	Replacement	
C014261	SDST	Phe	Weak	White	Silicification	Pervasive	
C014261	SDST	Phe	Weak	Yellow	Clay	Interstitial	
C014261	SDST	Phe	Moderate	Red	Diagenetic hematite	Banded	
C014261	SDST	Phe	Moderate	White	Bleaching	Pervasive	
C014262	SDST	Phe	Weak	White	Bleaching	Pervasive	
C014262	SDST	Phe	Weak	Red	Hematite	Banded	
C014263	SLST	Phe	Weak	Yellow	Limonite	Banded	
C014263	SLST	Phe	Strong	Red	Hematite	Pervasive	
C014264	SDST	Phe	Weak	OB	Limonite	Patchy	
C014264	SDST	Phe	Moderate	Brown Red	Hematite	Pervasive	
C014265	SDST	Phe	Weak	Green	Chlorite	Pervasive	This alteration parallels the hematized sandstone boulders that were sampled.
C014265	SDST	Phe	Moderate	Red	Hematite	Patchy	
C014266	SDST	Phe	Strong	Red	Hematite	Pervasive	
C014267	SDST	Phe	Strong	Red	Hematite	Pervasive	
C014268	SDST	Phe	Strong	Red	Hematite	Pervasive	
C014270	SDST	Phe	Weak	White	Clay	Interstitial	
C014270	SDST	Phe	Weak		Silicification	Interstitial	
C014270	SDST	Phe	Strong	Red	Hematite	Patchy	
C014272	FER	Cz	Strong	RB	Hematite	Pervasive	
C014273	SDST	Phe	Weak	Green-blue	Clay	Interstitial	
C014273	SDST	Phe	Moderate	Red	Hematite	Patchy	
C014274	SDST	Phe	Weak	Red	Hematite	Patchy	
C014274	SDST	Phe	Strong		Bleaching	Pervasive	
C014276	SDST	Phe	Weak		Silicification	Interstitial	
C014276	SDST	Phe	Moderate	Red	Hematite	Pervasive	
C014301	SDST	Phe	Weak	White	Clay	Interstitial	
C014301	SDST	Phe	Weak		Silicification	Interstitial	
C014301	SDST	Phe	Moderate	Red	Hematite	Patchy	
C014301	SDST	Phe	Moderate		Bleaching	Pervasive	
C014302	SDST	Phe	Weak	White	Clay	Interstitial	
C014302	SDST	Phe	Weak		Silicification	Interstitial	
C014302	SDST	Phe	Weak	Red	Hematite	Patchy	
C014302	SDST	Phe	Moderate		Bleaching	Pervasive	
C014303	SDST	Phe	Weak	White	Clay	Interstitial	
C014303	SDST	Phe	Moderate	Red	Hematite	Pervasive	
C014303	SDST	Phe	Weak		Bleaching	Patchy	
C014304	SDST	Phe	Strong	Red	Hematite	Pervasive	in NE striking fault
C014304	SDST	Phe	Weak	White	Clay	Interstitial	
C014304	SDST	Phe	Weak	Red	Hematite	Patchy	
C014304	SDST	Phe	Strong		Bleaching	Pervasive	

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C014304	SDST	Phe	Moderate		Bleaching	Pervasive	
C014305	SDST	Phe	Weak	White	Clay	Interstitial	
C014305	SDST	Phe	Weak		Silicification	Interstitial	
C014305	SDST	Phe	Weak	Red	Hematite	Pervasive	
C014306	SDST	Phe	Weak		Silicification	Interstitial	
C014306	SDST	Phe	Weak	White	Clay	Interstitial	
C014306	SDST	Phe	Moderate	Red	Hematite	Banded	regular bands parallel to
C014306	SDST	Phe	Moderate		Bleaching	Pervasive	
C014307	SDST	Phe	Weak	Red	Hematite	Patchy	Only present at weathered edges.
C014307	SDST	Phe	Weak		Silicification	Interstitial	
C014307	SDST	Phe	Weak	White	Clay	Interstitial	
C014307	SDST	Phe	Strong		Bleaching	Pervasive	
C014312	SDST	Phe	Weak		Limonite	Pervasive	
C014312	SDST	Phe	Moderate		Bleaching	Pervasive	
C014313	PEST	Phe	Moderate		Limonite	Surficial	surficial rind
C014313	PEST	Phe	Weak		Limonite	Pervasive	
C014313	PEST	Phe	Moderate		Chlorite	Interstitial	
C014314	SCH	Pxn3	Weak		Oxides	Fracture	
C014315	PELT	Pxn3	Weak	Brown	Hematite	Pervasive	
C014901	SDST	Phe	Weak		Clay		
C014901	SDST	Phe	Strong		Bleaching		
C014901	SDST	Phe	Weak		Drusy quartz		
C014902	SDST	Phe	Moderate		Bleaching		
C014902	SDST	Phe	Weak		Diagenetic hematite		
C014902	SDST	Phe	Weak		Limonite		
C014903	SDST	Phe	Moderate		Silicification		
C014903	SDST	Phe	Moderate		Bleaching		
C014904	SDST	Phe	Strong		Bleaching		
C014904	SDST	Phe	Moderate		Silicification		
C014904	SDST	Phe	Moderate	Orange	Limonite		
C014905	SDST	Phe	Moderate	Yellow			
C014905	SDST	Phe	Strong		Bleaching		
C014906	SDST	Phe	Moderate		Hematite		
C014908	SDST	Phe	Moderate		Bleaching		
C014908	SDST	Phe	Moderate		Silicification		
C014909	SDST	Phe	Strong		Silicification		
C014910	SDST	Phe	Weak	Yellow	Limonite	Fracture	
C014910	SDST	Phe	Weak		Silicification	Pervasive	
C014910	SDST	Phe	Moderate		Bleaching	Pervasive	
C014911	SDST	Phe	Moderate	Grey	Drusy quartz	Fracture	
C014911	SDST	Phe	Moderate	Red Maroon	Diagenetic hematite	Bedding	
C014911	SDST	Phe	Moderate	Yellow	Limonite	Fracture	
C014912	SDST	Phe	Moderate		Bleaching	Pervasive	
C014912	SDST	Phe	Weak	Pink	Hematite	Matrix	