





**Cameco Australia**

Old Hole ID

ST 17

Elev: 146 m

+18

 $80 \rightarrow 340$ 

East66: 340791

Date: \_\_\_\_\_

17/9/06

Hole Number: CDR0010

Project: *Cadell*

Area/prospect: Stevens

North66: 8634907 Logged By: DR

Background CPS: 10 cps SPP2

Depth		Colour		Grain Size		Rock Type		Alteration			Minerals			Sample Number (geochem, regolith & PIMA)	Total Count SPP2	Description/comments (inc drilling comments eg hammer vs blade; water)
From	To	Colour1	Colour2	Avg	Max	Major	Minor	Alt1	Alt2	Alt3	Min1	Min2	Min3			
0	5	1Y	1A			sand					QZ	CY	HE		10	Daily @ 80° to North (340°) C2S colluvial sand - unconsolidated
6	12	10				sdst					QZ	CY	HE		15	Plt fine grt sst & minor clay (clay chunks from cyclone)
13	35	1W	1I			sdst					QZ	CY			10-15	Plt coarse ± pebbly grt sst - white & silicified, lithic/clayey. Lost return due to rig problems @ 19-22m, but same sst. Rise of usy grt vug/vein. More coarse ± pebbly sst as above & less cement & NO alt. More silicified.
36	40	1M	1W			sdst					QZ	CY	HE		15	
41	50	2M	1G			granite		2chl	Plt		QZ	RD	CY		25-30	Pale moreon-green mottled granite & unconf. style alteration (red/y. ea). Lost return for 4/292, prob. due to clay @ v/c. Granite not unusually altered & no scint anom → dead hole!
51	69	1I	1G			granite		1chl			QZ	AF	BI		25-35	Finer looking Nimbunah granite & pink K-spars & No obvious alt apart from normal incipient unconf stg to alt.
70	74	1G	1I			granite		1epidote	1chl		QZ	AF	BI			← 70→74 have Teps (max 60 SPP2) same otherwise.
75	82	1I	1G			granite		1chl			QZ	AF	BI		30-40	Back to normal Dxn granite, but with minor epidote alt. Counts back to normal.  EUA @ 82m - fresh Dxn





Cameco Australia

Project: Cadell

Old Hole ID ST16

Area/prospect: Stevens

Elev:

East66: 340806

North66: 8635240

Date: 18/9/06

Logged By: DJR

Hole Number: CDR0011

Background CPS: 10 spp 2

-60 → 7105°

Depth		Colour		Grain Size		Rock Type		Alteration			Minerals			Sample Number (geochem, regolith & PIMA)	Total Count SPP2	Description/comments (inc drilling comments eg hammer vs blade; water)
From	To	Colour1	Colour2	Avg	Max	Major	Minor	Alt1	Alt2	Alt3	Min1	Min2	Min3			
0	2	1A	1Y			sand					Q2	CY			10	Drilled @ 62' to 185' (TN) <sup>no planned but followed S in further south</sup> C2S colluvial sand grey & org matter NSR for most of this.
3	11	1W	1I			clay					CY				10-15	clay saprolite; very poor return from collar/casing
12	17	1M	1W			clay	sdst	CY			CY	gtz	he		10-15	lumps of white kaolinitic clay & pieces sst of unknown origin - clasts of colluvium or contain?? Clay most likely after dolerite or fault rock? Sst is coarse & pebbly I think & heaps of clay.
18	22	1M	1W			clay	? granite	CY	2chl		CY	qz	fd?		20-30	pale maroon dry clay & minor component of coarse gtz + ? feldspar Could be altered basement granite? • green mineral also, could be chlorite
23	26	2M	2F			clay	dol?	3chl	1ham	1ex	CY	cl	he	23-25m	25-35	dark maroon clay & lumps of green & maroon altered clay after ? dolerite.
														25-27	35-45	
														27-39	25-36	
27	39	3G	2I			granite		2chl	1ham		qz	chl	feld		30	probably Lxn granite & chl + ham alt. Alt ↓ down slowly!
40	42	2I	2G			aplite		1chl			qz	ksp	chl		35	aplite dyke.
43	49	3G	2I			granite		2chl			qz	ksp	chl		30-40	back to Lxn granite - pink orthoclase + dark partly chl alt biotite + gtz Lxn
50	58	"	"			granite	opt + vrn	2chl			"	chl	ksp		50-60	peak @ 54m = 100 cps. Granite 1 chl chl & gtz vein
59	66	2G	2I			granite	aplite	1chl			"	ksp	plag		35-45	Granite - quite fresh.
														sample 65		Terminated hole @ 66m after collar collapsed & almost logged rods!
														15 contains		
														& sand		





**Old Hole ID**

ST 21

Elev:

East66: 339 152

Date: 20/9/06

Hole Number: *CDR0012*

Project: CADELL

Area/prospect: STEVENS

North66: 8635840

Logged By: *EDR*

Background CPS: 25 cps

[illegible]





Cameco Australia

Project: *Cadell*Old Hole ID *ST12*Area/prospect: *Stevens west*Elev *147m*East66: *337570*North66: *8635443*Date: *21/9/06*Logged By: *DOTR*Hole Number: *CDR0013*Background CPS: *25* *SPP2*

Depth		Colour		Grain Size		Rock Type		Alteration			Minerals			Sample Number (geochem, regolith & PIMA)	Total Count SPP2	Description/comments (inc drilling comments eg hammer vs blade; water)
From	To	Colour1	Colour2	Avg	Max	Major	Minor	Alt1	Alt2	Alt3	Min1	Min2	Min3			
0	1	2A				black soil (overburden)					Cy	qtz			25	Drilling @ 60' to 145, almost as planned grey sandy overburden: 'black soil'
2	20	2B	1G			clay (saponite)					Cy	chl			35-200	brown/green clay saprolite after dolomite. 12-20 elev cps (up to 200)
21	26	3B	1A			clay	dol	2chl	2ham		Cy	ham	chl		100-150	Saprock after dolomite. Small pieces of weathered dolomite in clay. Evidence of chlorite-ham alt in dolomite. Elev cps throughout
27	41	3G	2M			dol		2chl	2ham		chl	ham	Cy		60-250	Chlorite-hematite altered dolomite. Dark grey/green <sup>and maroon</sup> coloured, almost metallic! Elev counts in top put 27-39m Peak 26-27m $\approx$ 250 cps Below this back to 60 cps = 'b/g'
42	45	3A	2G			dol		1chl	1ham		chl	Pf	ox		50-60	Mildly chl + ham altered dolomite. Far less fine fraction in bags. Reduced cps ('b/g') Harder & wetter samples
46	59	3M	3G			dol		2chl	2ham		chl	ham	ox		40-60	Maroon & green chl-ham altered dolomite No elev counts despite the alteration!  Stevens Fault @ 59m
60	100	2G	1W			sdsf		3sil	1chl	1ham	qtz	chl	ham		20-45	Dark green silicified qtzose dolomite fine grained sst of Rhe. Patches of chl and ham. Not basaltic yet. Hit fault earlier/shallower than predicted.
101	104	3M	3G			sdsf		3chl	3ham	2sil	chl	ham	qtz		35-55	Intensely chlorite-hematite altered sandstone of Rhe. Rich maroon metallic appearance again. No elev cps.





Cameco Australia

Old Hole ID

East66:

Date:

Hole Number: CD R0013

Page 2  
continued.

Project:

Area/prospect:

North66:

Logged By:

Background CPS:

Depth		Colour		Grain Size		Rock Type		Alteration			Minerals			Sample Number (geochem, regolith & PIMA)	Total Count SPP2	Description/comments (inc drilling comments eg hammer vs blade; water)
From	To	Colour1	Colour2	Avg	Max	Major	Minor	Alt1	Alt2	Alt3	Min1	Min2	Min3			
105	109	2G	1W			sdst		2cht	2sil	2hem	gt2	chl	hem		30-60	Back to chlorite altered sst. Chips of pure white sil <sup>2</sup> sst & chips of dark green chlorite and chips of more or less hem alt sst. Some overlap, but often discrete alt phases with lesser hem alteration.
110	115	2M	2G			granite?		3cht	3hem		chl	hem			40-80	1/k @ 109m Coarsely foliated chl-hem rock = scattered yellow 'grains' of sericite. Probably unfoliated associated buried foliation. Red v/c zone.
116	129	3G	1M			dolomite		3cht	1hem		chl	hem			25-35	Green v/c zone. Strongly chl altered bunt? Minor hematite in comparison to chlorite. Hard to determine protolite.
130	130	2G	1W			sdst		2cht	1hem		chl	gt2			30	Silicified chloritised fine sst or vein - 1m wide
131	142	3G	1M			dolomite		3cht	1hem		chl	hem			25-35	Chlorite altered rock as seen at 116-129m. (dolomite) EOM 142m in dolomite



PAGE 1

6-12 m 65-85 cps  
12-15 m 90-105 cps

Cameco Australia

Old Hole ID

East66: 337089

Date: 22/09/2006

Hole Number: CD0014

Project: CD

Area/prospect: Steven's West North66: 8635518

Logged By: JLW

Background CPS:

Depth		Colour		Grain Size		Rock Type		Alteration			Minerals			Sample Number (geochem, regolith & PIMA)	Total Count SP2	Description/comments (inc drilling comments eg hammer vs blade; water)
From	To	Colour1	Colour2	Avg	Max	Major	Minor	Alt1	Alt2	Alt3	Min1	Min2	Min3			
1	3					SAND									10-15	No sample, but sandy at surface
3	17	B	Y			CLAY					CL				35-105	Brown clay. Saprolite after dolerite.
17	20	A				SAP					CL	PL	MF			Saprock after dolerite. Dominantly clay, with 1-5 mm "corestones" of dolerite after skiving.
21	44	G	M			DOL		2CL	2HE		CL	HE	PL?			Altered dolerite. Relative amounts of chloritisation & homatisation vary between samples. Occasional intervals where feldspar (yellow green, sericitised?) is visible.
																Gamma spikes: cps meters cps m/h
																35-45 21-28
																60-65 29-30
																250 34 95 32
																30-60 32-40
																130 41 270 42
																40 43 75 44
																20-45 45-50 115 51
																35-50 52-57 80 58
																59
45	64	G				DOL		1CL			CL	PL	MF		35-50	No hematite alteration: skiving H <sub>2</sub> O is green. Plag visible but altered. Vein gtz @ 69m.
70	88	G	M			DOL		2CL	1HE		CL	MF	HE		35-50	Dolerite becomes more chlorite altered - now dark green. Maroon tinge to cuttings.
89	104	2M	1G			DOL		2CL	2HE		CL	HE	MF		35-50	Increased maroon hematite. Intensity increases downhole, until 104 m, where there is intense (?) "make-up" hematite
104	104	1G	1W			SS		2CL	3HE		QZ	CL	HE		35	Chlorite + "make-up" hematite altered sandstone

Hammer  
↓Steven's  
Fault →





Cameco Australia

Project: Cadell

Old Hole ID

Area/prospect: Stevens

East66:

North66:

Date: 22/09/2006

Logged By: JLW

Hole Number: CDROOK4

Background CPS: 10-15

Project: (Auriferous)			Area/prospect: SKRUBS			North: 60°			Longitude: 121° 30' E			Easting: 600 000					
Depth		Colour		Grain Size		Rock Type		Alteration			Minerals			Sample Number (geochem, regolith & PIMA)	Total Count SPP2	Description/comments (inc drilling comments eg hammer vs blade; water)	
From	To	Colour1	Colour2	Avg	Max	Major	Minor	Alt1	Alt2	Alt3	Min1	Min2	Min3				
5	10	1G	1W			SS		2CL	1HE	2SIL	QZ	CL		15-25		Chlorite altered silicified sandstone. Minor hematite. H <sub>2</sub> O does not go red when stirring. Chlorite alteration is not uniform. Some very green chips, some much less altered.	
3																	
3		2G				SS	DOL?	2CL	2HE					40		Very fine grained dark green rock. Either chloritised & hematized shale or dolerite dyke. Almost conchoidal fracture.	
14		2G	2W			SS	DOL	1CL	1HE	1SIL	QZ	CL	CARB	35		Mixture of silicified chloritised SS, the dark fine grained rock & Qtz-carbonate vein material.	
15		1G	1W			SS		1CL	1SIL	1HE	QZ	CL				Appears to be chloritised sandstone	
16	118	2G					DOL	2CL	2HE		CL	HE	MF			Return to fine grained, chloritised dolerite dyke at unconformity?	
119	125	1YG	1G				GRAN	2CY	1CL	1HE	FX	CY	QZ	~50		Basement below unconformity. Granitoid. Possibly Nimbunwah. Upper 3-4 m have large chunks of Feldspar. What happened to grain size reduction?	
125	144	1G	1W				GRAN	1CL	1CY	1HE	CL	QZ	FX	HE	25-45		Quartz-chlorite-feldspar <sup>hematite</sup> rock ∴ Granitoid. Mpya falls metamorphics / Nimbunwah. Local increase in chloritisation @ 142 m. Not that much. 144 = EOH
141																	

Sericitised  
Feldspar to  
give yellow  
green colour.



$60 \rightarrow 175^\circ$ 

**Cameco Australia**

Old Hole ID ST13

East66: 337948

Date: 26/9

Hole Number: CDR0015

### Project:

**Area/prospect:**

North66: 8635460

Logged By: NO

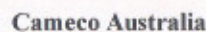
### Background CPS:

[illegible]

Same as  
other  
holes

III cont  
during  
break  
down





Old Hole ID

ST 14

East66: 3387.00

Date:

28/9

Hole Number:

CDR0016

### Project:

**Area/prospect:**

STEVENS

North66: 8635370

**Logged By:**

ND

### Background CPS:

[illegible]





**Cameco Australia**

Old Hole ID R77

East66: 337005

Date: 25/9

Hole Number: CDB0017

 $70^\circ \rightarrow 290$ 

### Project:

Area/prospect: STEVENS

North66: 8635619

Logged By: ND

**Background CPS:** 30

Depth		Colour		Grain Size		Rock Type		Alteration			Minerals			Sample Number (geochem, regolith & PIMA)	Total Count SPP2	Description/comments (inc drilling comments eg hammer vs blade; water)
From	To	Colour1	Colour2	Avg	Max	Major	Minor	Alt1	Alt2	Alt3	Min1	Min2	Min3			
0	2	RB				SANDY CLAY					CY	Qz		CDB0017-1	50	SANDY CLAY - GRANITIC?
2	7	YB	2T			GRANITE					Qz	Fx	CY	-2	45-55	CLAYEY COARSE GRANITIC SAND
7	12	T				GRANITE								-3	55	
12	18	T	IO			"		limc	SER		Fx	Qz		-4	50	GRANITE - Pinkification or Fx yellow jarosite
																18m EOH



Old Hole ID R80

East66: 337411

Date: 25/9

Hole Number: CD0019

**Project:**

**Area/prospect:**

North66: 8635468

Logged By: ND

Background CPS: 20

[illegible]



$70^\circ \rightarrow 270$ 

**Cameco Australia**

Old Hole ID R81

East66: 337512

Date: 26/9

Hole Number: CDB0020

**Project:** CP

Area/prospect: ST WEST

North66: 8635487

Logged By: ND

Background CPS: 25

[illegible]





**Old Hole ID**

East66: 337735

Date: 26/9

Hole Number: CDB0021

**Project:**

**Area/prospect:**

North66: 8635 465

Logged By: NB

### Background CPS:

[illegible]





Old Hole ID

143

**East66:**

338937

Date: \_\_\_\_\_

29/9

Hole Number:

CReo22

**Project:**

**Area/prospect:**

### North66:

4635330

Logged By:

No

**Background CPS:**

15

Depth		Colour		Grain Size		Rock Type		Alteration			Minerals			Sample Number (geochem, regolith & PIMA)	Total Count SPP2	Description/comments (inc drilling comments eg hammer vs blade; water)
From	To	Colour1	Colour2	Avg	Max	Major	Minor	Alt1	Alt2	Alt3	Min1	Min2	Min3			
0	1	Y	A	f		SAND					P2			CDB0022-1	15	fine sand
1	5	2RB				SAND	CLAY				Q2	CY		-2	15	fb sand + clay - poor recovery
5	10	2RB				CLAY					CY				25-35	
10	16	20B				CLAY					CY			-3	25-35	Vn Q2 214m
16	19	3M				CLAY		He			CY			-4	30	hematitic clay - doleritic
19	24	0B				"					CY			-5	50-75	doleritic clay
24	29	2T				DOLERM		CL	CY		CY	CL		-6	30-40	Altered dolerite - chlorite + hemat
29	35	1M	1C			DOL		He	CL		He	CL		-7	30-70	hematitic altered dol
35	39	2G	1M			DOL		2KCL	1AHe		CL	He		-8	25	Fresher green chloritic dol altered
39	49	2R	1A			DOL		2PHc	1GCL		He	CL		-9	25	Margan-Purple hematitic dol - no cps
																49m FOH
																14-15m from sandstone - close to fault - drilled vertical but did not hit the fault or any radiation.





Old Hole ID

R45

**East66:**

339015

Date:

29/9

Hole Number:

C180023

Project: CD

Area/prospect: *Stevens*

North66: 8635319

Logged By: ND

**Background CPS:**

15

Depth		Colour		Grain Size		Rock Type		Alteration			Minerals			Sample Number (geochem, regolith & PIMA)	Total Count SPP2	Description/comments (Inc drilling comments eg hammer vs blade; water)	
From	To	Colour1	Colour2	Avg	Max	Major	Minor	Alt1	Alt2	Alt3	Min1	Min2	Min3				
0	1	Y	A			SAND	SILT				Qz			CDB0023-1	15	SAND + SILT	0-1
1	5	RB				SAND	CLAY				Qz	CY		-2	15	SAND, CLAY + SS chips Ferruginous	1-5
5	10	2M				clay					CY			-3	25	Sample contin between 5-9m	5-10
10	15	2M				CLAY					CY			-4	25	kaolinitic clay	10-15
15	20	2M				DOL		2mHe			CY	He		-5	25	Very altered kaolinitic dolerite	15-20
20	25	2M				DOL		2mHe			CY	He		-6	25	"	20-25
25	30	2B	1M			DOL	CLAY	He			CY	He		-7	25	clay altered dolerite	25-30
30	34	"				"	"	He			CY	He			25		
34	40	2G	2G			DOL		He	CL		He	CL		-8	25	Hem chloritic ALTERED HARDER DOLERITE	30-40
40	49	2C	1P			DOL		CL	He		CL	He		-9	25	chloritic green dolerite + kaolinitic	40-49
																	49m EOH
																	25m from Sandstone/Fault drilling @ 70°
																	DID NOT HIT FAULT OR RADIOACTIVITY



**Cameco Australia**

**Old Hole ID**

R58

East66: 339360

Date:

29/9

Hole Number:

CDR0024

**Project:**

**Area/prospect:**

STEVENS

North66: 8635337

**Logged By:**

ND

**Background CPS:**

80

[illegible]

200m west  
of Stevens  
anomaly.



60-7035



Old Hole ID R57

East66: 339296

Date: 29/9

Hole Number: CDR 0025

### Project:

Area/prospect: Stevens

North66: 8635330

Logged By: ND

Background CPS: 80

0-3  
3-8  
8-11  
11-13  
13-16  
16-25



**Cameco Australia**

Old Hole ID R60

East66: 339207

Date: 29/9

Hole Number: CDR0026

**Project:**

**Area/prospect:**

North66: 4635325

Logged By: ND

Background CPS: 35

[illegible]



$$60^\circ \rightarrow 280^\circ$$


**Cameco Australia**

Old Hole ID R61

East66: 329139

Date: 30/9

Hole Number: CDR0027

**Project:**

**Area/prospect:**

North66: 8635326

Logged By: ND/JW

Background CPS: 25

Depth		Colour		Grain Size		Rock Type		Alteration			Minerals			Sample Number (geochem, regolith & PIMA)	Total Count SPP2	Description/comments (inc drilling comments eg hammer vs blade; water)
From	To	Colour1	Colour2	Avg	Max	Major	Minor	Alt1	Alt2	Alt3	Min1	Min2	Min3			
0	1	2A				SAND	SILT				Qz				25	Gray fine sand + silt
1	4	A				SAND					Qz			CDB0027-1	25	fine sand SAST + CAVITIES - Poor Return
4	10	A				SAND	CLAY				Qz	CY		CDB0027-2	25	SAND AND SANDY CLAY - Poor Return
10	15	B				CLAY					CY			-3	40	CLAY - DOLERITIC Given 2.5m
15	20	P				DOL		2PHc			He			-4	30-50	Altered Purple hematitic dolerite
20	25	2P	1G			DOL		2PHc	1GCL		He	CL		CDB0027-5	40-50	Hematitic - chloritic alt dol
25	30	2P	1G			DOL		2PHc	1GCL		He	CL		-6	70-100	" "
30	40	2M	1G			DOL		2PHc	1GCL		He	CL		-7	50-75	" "
40	43	2M	1G			DOL		"	"		"	"		-8	35-40	Hematitic altered dolerite
														-9		High Standard
																43M EOH
																Top of water at bottom





## Old Hole ID

East66: 329144

Date: 30/09/2006

Hole Number: CD R0028

Project: CD

Area/prospect: Stevens

North66: 863521

Logged By: SLW

Background CPS: 25

Depth		Colour		Grain Size		Rock Type		Alteration			Minerals			Sample Number (geochem, regolith & PMA)	Total Count SP2	Description/comments (inc drilling comments eg hammer vs blade; water)
From	To	Colour1	Colour2	Avg	Max	Major	Minor	Alt1	Alt2	Alt3	Min1	Min2	Min3			
0.2	0.4	A	N	0.3	0.5	SAND	SILT							CD80028-1	25-30	Clay fine sand with black silty organic material
0.4	0.5	B		0.3	0.5	SAND	CLAY							"	25-30	Brown sand + clay
0.5	0.9	YR	YC			DOLEKITE					PL	PX	MF	CD80028-2	30	Yellow brown clay
0.9	1.0	"				"					"	"	"	CD80028-3	25	Fresh dolerite with plug up to 5mm. Slow drilling
1.0	1.2													CD80028-4	20-25	4ft 10 in. SO fresh no need to wet sieve. UNALTERED.
																12 in ECH. Very fresh dolerite. Slow drilling 30 min for 6 metres





Cameco Australia

Old Hole ID

East66: 339568

Date: 30/09/2006

Hole Number: CDB0029

Vertical

Project:

Area/prospect:

North66: 8635348

Logged By: JLW

Background CPS: 100 cps

Depth		Colour		Grain Size		Rock Type		Alteration			Minerals			Sample Number (geochem, regolith & PIMA)	Total Count SPP2	Description/comments (inc drilling comments eg hammer vs blade; water)
From	To	Colour1	Colour2	Avg	Max	Major	Minor	Alt1	Alt2	Alt3	Min1	Min2	Min3			
0	2	RB									CL			CDB0029-01		Reddish clay with chunks weathered rock that looks to be quartz bearing also dolomite.
2	3	YB				CLAY					CL			CDB0029-01	75	Yellow clay
3	7	YB				CLAY					CL			CDB0029-02		Pisolithitic Yellow brown clay. Some rock fragments including hematized SS.
7	9	YB	W			CLAY	SILICATE?				CL	SIL		CDB0029-03	60cps	Yellow-brown clay. Band of white porcelaneous material - silicate?
9	19	YB				CLAY					CL			CDB0029-04 CDB0029-05	70-75	Clay with minor lithic/mineral fragments SAPROLITE
19	24	RB				CLAY					CL			CDB0029-06	65-70	SAPROLITE
24	25	YG				CLAY	DOLERITE				CL	CL	HE		60-65	SAPROLITE-dolerite contact
26	28	G				DOL					CL	PL			60-70	Chlorite altered dolomite. Very minor to no hematite
28	32	CL	R			DOL					CL	PL	HE		50-60	25-28 60-70 cps
32	37	CL	P			DOL					CL	PL	HE		50-55	28-32 50-60 cps 32- 50 cps Increase in hematite (purple) only minor. Flag becoming visible. Rock is hard-slow drilling. 37m EOH

01: 0-4

2 4-8

3 8-13

4 13-18

5 18-23

6 23-26

7 26-32

8 32-37

9 37-42

10 42-47

11 47-52

12 52-57

13 57-62

14 62-67

15 67-72

16 72-77

17 77-82

18 82-87

19 87-92

20 92-97

21 97-102

22 102-107

23 107-112

24 112-117

25 117-122

26 122-127

27 127-132

28 132-137

29 137-142

30 142-147

31 147-152

32 152-157

33 157-162

34 162-167

35 167-172

36 172-177

37 177-182

38 182-187

39 187-192

40 192-197





Cameco Australia

Old Hole ID

East66: 339634

Date: 30/09/2006

Hole Number: CR0030

60 → 290

Project:

Area/prospect:

North66: 8635288

Logged By: SLW

Background CPS: 35

Depth		Colour		Grain Size		Rock Type		Alteration			Minerals			Sample Number (geochem, regolith & PIMA)	Total Count SPP2	Description/comments (inc drilling comments eg hammer vs blade; water)
From	To	Colour1	Colour2	Avg	Max	Major	Minor	Alt1	Alt2	Alt3	Min1	Min2	Min3			
0	1	RO														Fine sand + clay in topsoil.
1	21	YB	RB			Clay									40-60	Saprolite after dolerite
21	22	YB	SL													Counts ~60 at top, decrease to ~40 in middle increase to ~60 for last 3m.
21	22	YB	CL			Clay	Dolerite								50-100	Saprolite transition to dolerite. Spike up to 100cps in 24-22m.
22	35	G	P			Dolerite	P/O	CL	HE		CL	MF	HE		35-50	Chlorite + purple hem altered dolerite Small red hem bands? 31-32m.
35	39	G	P			Dolerite	P/O	CL	HE		CL				85-230	Increase in counts: 34-35: 85 35-36: 160 36-37: 230 - minor increase in purple hem. 37-38: 150 38-39: 100
39	43	G	P			Dolerite	P/O	CL			CL				45-50	Chlorite altered basalt minor to absent hem  43m EOH Chlorite altered dolerite 50cps

SAMPLES  
(m's)

1-4 (1)

5-8 (2)

9-12 (3)

13-16 (4)

17-20 (5)

22-24 (6)

25-28 (7)

29-32 (8)

33-36 (9)

37-39 (10)

40-43 (11)

Lowland (12)



SAMPLES: 1: 3-6 2: 7-10 3: 11-15 4: 16-20 5: 21-25 6: 26-30 7: 31-35 8: 36-40 9: 41-45 10: 46-50 11: 51-55



Cameco Australia

Old Hole ID

East66: 339737

Date: 30/09/2006

Hole Number: CDB0031

70' → 295

COUNTS

3 115  
4 150  
5 150  
6 200  
7 160  
8 120  
9 105  
10 80  
11 80  
12 130  
13 105  
14 110  
15 200  
16 75  
17 65  
18 55  
19 50  
20 55  
21 55  
22 55  
23 60  
24 60  
25 70  
26 50  
27 110  
28 100  
29 60  
30 70  
31 90  
32 90  
33 95  
34 65  
35 60  
36 55  
37 70  
38 70  
39 70  
40 60  
41 55  
42 55  
43 80  
44 50  
45 45  
46 60  
47 70  
48 80  
49 60  
50 60

Project:

Area/prospect:

North66: 8635296

Logged By: JLW

Background CPS:

Depth		Colour		Grain Size		Rock Type		Alteration			Minerals			Sample Number (geochem, regolith & PIMA)	Total Count SPP2	Description/comments (inc drilling comments eg hammer vs blade; water)
From	To	Colour1	Colour2	Avg	Max	Major	Minor	Alt1	Alt2	Alt3	Min1	Min2	Min3			
0	2	B									Cl					Poor sample return. Clay, fine sand, gravel.
3	4	YB									Cl				115-150	Clay with minor pisolites
5	14	RO	YB			Saprolite	Pdo				Cl				80-100	Saprolite
15	21	G	P			Dolerite	Pdo	2Cl			Cl	Mf	Pl		50-200	Chlorite altered dolerite minor hematite Hematite clasts at 20-21
22	25	G	YG					1Cl			Cl	Pl	Mf		55-70	Weakly chlorite altered. Can see plag.
26	34	P	G					1Cl	1He		Cl	He	Mf		65-110	Maroon tinge to spoil. Purple-green chips Increase in hem alt.
34	42							1Cl	2He						55-75	Even more hem. Not constant. Usually 1-2 heaps purple for 3-4 green-blue
43	55	G						1Cl			Cl	Pl	Mf		50-75	Lost the hematite alteration. Becoming finer. Hem returns @ 48-52m. Is 52-53m this is associated with peaks? EOT: 55m Chlorite altered dolerite 50cps

50: 80 52: 115 53: 100 54: 45 55: 50



SAMPLES: (1) 5-9 (2) 10-14 (3) 15-20 (4) 21-25 (5) 26-30 (6) 31-35 (7) 36-40 (8) 41-44 (9) 45-48

Small/CPs



Cameco Australia

Old Hole ID

East66: 339914

Date: 30/09/2006

Hole Number: CD0032

70° → 090

Project: CD

Area/prospect: Stevens E

North66: 8635270

Logged By: JLV

Background CPS:

Depth		Colour		Grain Size		Rock Type		Alteration			Minerals			Sample Number (geochem, regolith & PIMA)	Total Count SPP2	Description/comments (Inc drilling comments eg hammer vs blade; water)
From	To	Colour1	Colour2	Avg	Max	Major	Minor	Alt1	Alt2	Alt3	Min1	Min2	Min3			
0	4	1A				Sand										No return. Soil is fine sand with minor clay, organic.
5	12	RB	YB			SAPROLITE					CY	FE				Saprolite. Red brown & yellow brown clay.
13	16	WB				SAPROLITE					CY					Clay with dolomite fragments.
15	48	2M	G			Dolomite	Pdo	Ho	ICI		He	CI	FX			Homatite altered dolomite. Looks coarse grained 43+ m. Maybe also earlier? Can see 21mm fr frags.
																49 m FOT. Missed one sample between 20-25. Bad place to miss sample.
																High counts: 22 : 500 cps 23 : 350 cps 24 : 250 cps 25 : 130 26 : 100

01 15  
5 30  
6 20  
7 25  
8 25  
9 25  
10 25  
11 25  
12 30  
13 35  
14 35  
15 35  
16 35  
17 35  
18 35  
19 35  
20 30  
21  
22 500  
23 250  
24 250  
25 130  
26 100  
27 70  
28 45  
29 55  
30 50  
31 30  
32 50  
33 50  
34 45  
35 40  
36 50  
37 40  
38 40  
39 4  
40 35  
41 40  
42 40  
43 35  
44 35  
45 35  
46 35  
47 35  
48 35





Old Hole ID

R18

East66: 34 0008

Date: 14/10/2006

Hole Number: CR0033

Project: CD

Area/prospect: Stevens E

North66: 8635324

Logged By: JLV

**Background CPS:** 15

Depth		Colour		Grain Size		Rock Type		Alteration			Minerals			Sample Number (geochem, regolith & PIMA)	Total Count SPP2	Description/comments (inc drilling comments eg hammer vs blade; water)
From	To	Colour1	Colour2	Avg	Max	Major	Minor	Alt1	Alt2	Alt3	Min1	Min2	Min3			
0	6	2M		0.4	0.5	Clay	Sand	FE			QZ	CL		C00033-1		Fine sand & maroon clay. Small sample return
6	9	2YB	1Y0			Saprolite					CL			- 2		Saprolite minor psaliths?
9	14	2R0	1Y0			Saprolite								- 3		Red orange saprolite
14	18	2Y	1Y0			Saprolite					CL			- 4		Yellowish saprolite transitioning into saprock in last meter.
18	21	G	Y0			Dolerite	PdO				PL	FX	OX	- 5		Hard fresh dolerite - slow drilling. Only the background alteration. No hornblite!
																Compressor oil problem at 22 m. Fresh dolerite with low counts ∴ EOT 21 m.



BG:15

Hole: CDB0033

Date:

Sample Heaps 2. meters

Sample	Counts	Sample	Counts	Sample	Counts	Sample	Counts	Sample	Counts	Sample	Counts
1											
2											
3											
4											
5											
6	20										
7	15										
8	5										
9	15-20										
10	5										
11	15										
12	15										
13	15										
14	15										
15	15										
16	15										
17	15										
18	15										
19	15										
20	15										
21	15										
22											
23											
24											
25											

Sample Heaps 2. meters  
 CDB0033-01 1-5  
 02 6-10  
 03 11-14  
 04 15-18  
 05 18-21

0-1 -1  
 1-2 -2  
 2-3 5  
 3-4 4  
 4-5 5  
 5-6 6