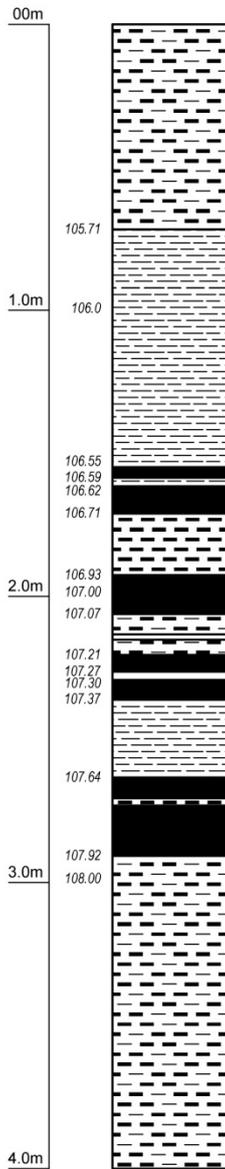


Appendix B VR008 and VR009 1:20 detailed seam logs and sample details

VR008 - B SEAM

Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
-------	------------	--------------	-----	------------	---------



LEGEND

	Dolerite Talus		Grey, Brown, Cream Mudstone or Claystone (Including Tonsteins)		Dirt Bands (Including Tonsteins)
	Dolerite		Carbonaceous Mudstone		Coal Interbedded With Carbonaceous Mudstone
	Lithic Sandstone		Coal		Core Loss



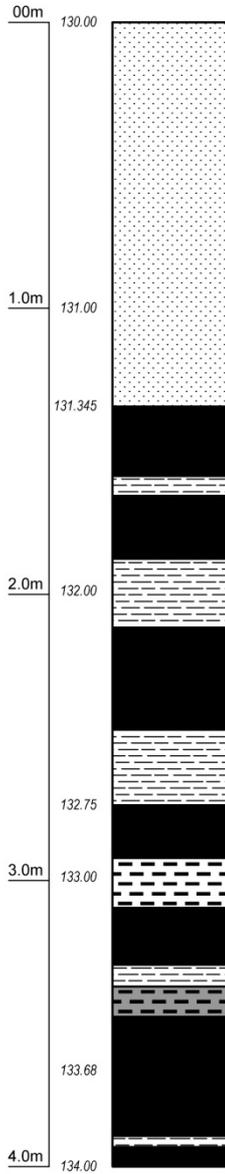
PROJECT: EL 16/2010 - FINGAL

Compiled : Ken Morrison	Drawn : Gillian Bennett	Date : 21/09/2012	File: BS-VR008.dwg	Scale : 1:20
-------------------------	-------------------------	-------------------	--------------------	--------------

VR008 - B SEAM

VR008 - C SEAM

Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
-------	------------	--------------	-----	------------	---------



HVC160

Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
55	16.9	2752	0.17	5.1	1.92

HVC161

47.5	19.8	3572	0.25	4.5	1.77
------	------	------	------	-----	------

LEGEND

	Dolerite Talus		Grey, Brown, Cream Mudstone or Claystone (Including Tonsteins)		Dirt Bands (Including Tonsteins)
	Dolerite		Carbonaceous Mudstone		Coal Interbedded With Carbonaceous Mudstone
	Lithic Sandstone		Coal		Core Loss

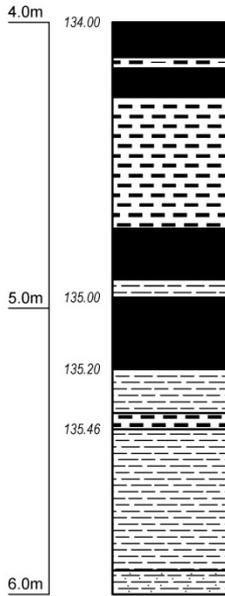


PROJECT: EL 16/2010 - FINGAL

Compiled : Ken Morrison	Drawn : Gillian Bennett	Date : 21/09/2012	File : CS-VR008-P1.dwg	Scale : 1:20
-------------------------	-------------------------	-------------------	------------------------	--------------

VR008 - C SEAM
PART 1

VR008 - C SEAM



Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
-------	------------	--------------	-----	------------	---------

Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
47.5	19.8	3572	0.25	4.5	1.77

LEGEND

 Dolerite Talus	 Grey, Brown, Cream Mudstone or Claystone (Including Tonsteins)	 Dirt Bands (Including Tonsteins)
 Dolerite	 Carbonaceous Mudstone	 Coal Interbedded With Carbonaceous Mudstone
 Lithic Sandstone	 Coal	 Core Loss



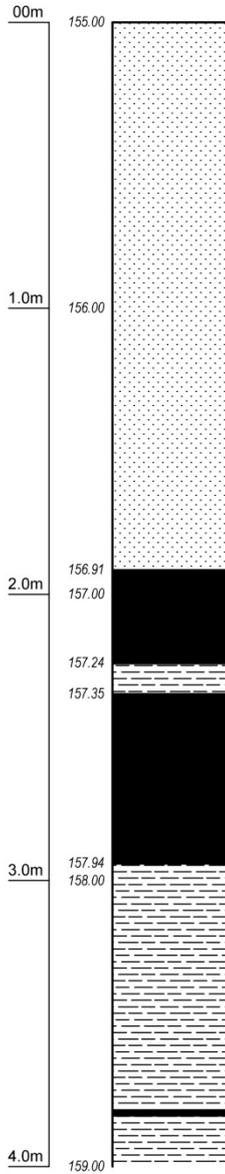
PROJECT: EL 16/2010 - FINGAL

Compiled : Ken Morrison	Drawn : Gillian Bennett	Date : 28/09/2012	File: CS-VR008-P2.dwg	Scale : 1:20
-------------------------	-------------------------	-------------------	-----------------------	--------------

VR008 - C SEAM
PART 2

VR008 - D SEAM

Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
-------	------------	--------------	-----	------------	---------



LEGEND

	Dolerite Talus		Grey, Brown, Cream Mudstone or Claystone (Including Tonsteins)		Dirt Bands (Including Tonsteins)
	Dolerite		Carbonaceous Mudstone		Coal Interbedded With Carbonaceous Mudstone
	Lithic Sandstone		Coal		Core Loss



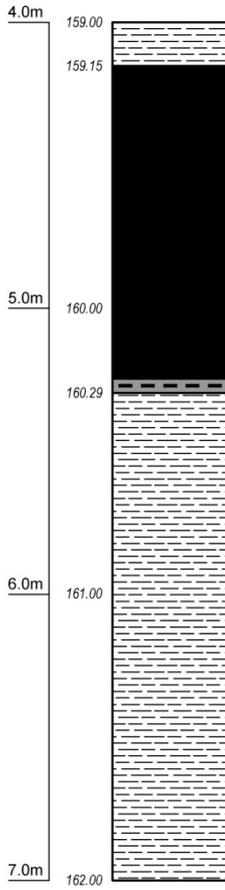
PROJECT: EL 16/2010 - FINGAL

Compiled : Ken Morrison	Drawn : Gillian Bennett	Date : 21/09/2012	File : DS-VR008-P1.dwg	Scale : 1:20
-------------------------	-------------------------	-------------------	------------------------	--------------

VR008 - D SEAM
PART 1

VR008 - D SEAM

Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
-------	------------	--------------	-----	------------	---------



LEGEND

	Dolerite Talus		Grey, Brown, Cream Mudstone or Claystone (Including Tonsteins)		Dirt Bands (Including Tonsteins)
	Dolerite		Carbonaceous Mudstone		Coal Interbedded With Carbonaceous Mudstone
	Lithic Sandstone		Coal		Core Loss



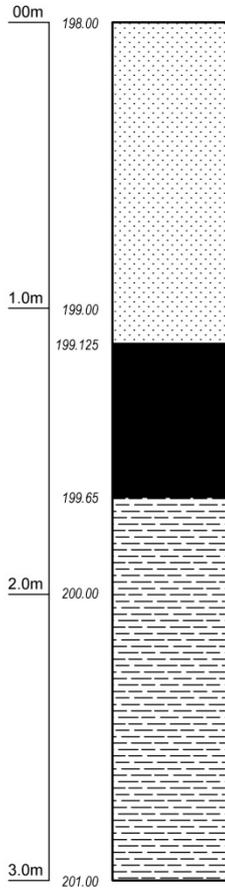
PROJECT: EL 16/2010 - FINGAL

Compiled : Ken Morrison	Drawn : Gillian Bennett	Date : 28/09/2012	File: DS-VR008-P2.dwg	Scale : 1:20
-------------------------	-------------------------	-------------------	-----------------------	--------------

VR008 - D SEAM
PART 2

VR008 - F SEAM

Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
-------	------------	--------------	-----	------------	---------



LEGEND

 Dolerite Talus	 Grey, Brown, Cream Mudstone or Claystone (Including Tonsteins)	 Dirt Bands (Including Tonsteins)
 Dolerite	 Carbonaceous Mudstone	 Coal Interbedded With Carbonaceous Mudstone
 Lithic Sandstone	 Coal	 Core Loss

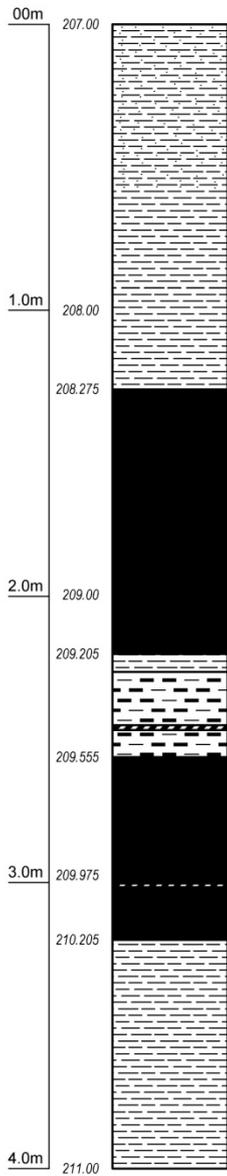


PROJECT: EL 16/2010 - FINGAL

Compiled : Ken Morrison	Drawn : Gillian Bennett	Date : 28/09/2012	File : FS-Upper VR008.dwg	Scale : 1:20
-------------------------	-------------------------	-------------------	---------------------------	--------------

**VR008 - F SEAM
UPPER**

VR008 - F SEAM



Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
-------	------------	--------------	-----	------------	---------

Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
33.4	20.2	4662	0.3	5.0	1.66

Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
72.5	15.2	1076	0.06	3.4	2.25

Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
31.2	25.0	5034	0.36	4.4	1.56

Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
48.2	22.9	3608	0.28	3.8	1.77

LEGEND

	Dolerite Talus		Grey, Brown, Cream Mudstone or Claystone (Including Tonsteins)		Dirt Bands (Including Tonsteins)
	Dolerite		Carbonaceous Mudstone		Coal Interbedded With Carbonaceous Mudstone
	Lithic Sandstone		Coal		Core Loss



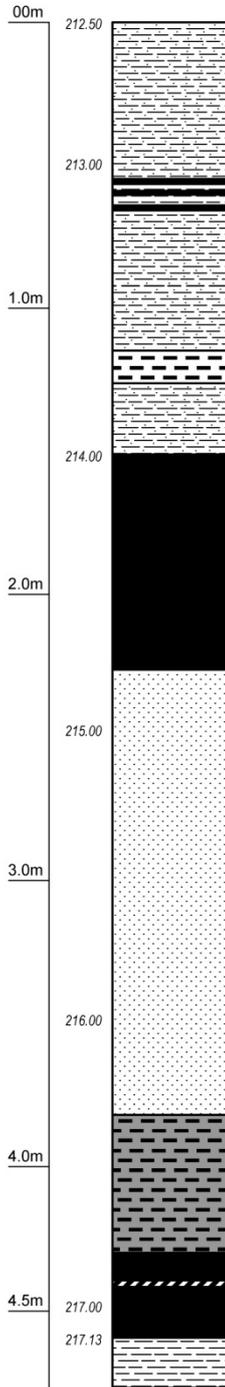
PROJECT: EL 16/2010 - FINGAL

Compiled : Ken Morrison	Drawn : Gillian Bennett	Date : 28/09/2012	File : FS-VR008.dwg	Scale : 1:20
-------------------------	-------------------------	-------------------	---------------------	--------------

VR008 - F SEAM

VR008 - F SEAM

Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
-------	------------	--------------	-----	------------	---------



LEGEND

-  Dolerite Talus
-  Dolerite
-  Lithic Sandstone
-  Grey, Brown, Cream Mudstone or Claystone (Including Tonsteins)
-  Carbonaceous Mudstone
-  Coal
-  Dirt Bands (Including Tonsteins)
-  Coal Interbedded With Carbonaceous Mudstone
-  Core Loss



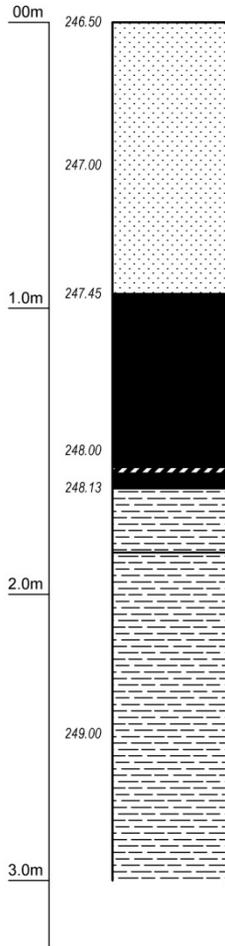
PROJECT: EL 16/2010 - FINGAL

Compiled : Ken Morrison	Drawn : Gillian Bennett	Date : 28/09/2012	File: FS-Lower VR003.dwg	Scale : 1:20
----------------------------	----------------------------	----------------------	-----------------------------	--------------

**VR008 - F SEAM
LOWER**

VR008 - G SEAM

Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m ³
-------	------------	--------------	-----	------------	---------------------



LEGEND

 Dolerite Talus	 Grey, Brown, Cream Mudstone or Claystone (Including Tonsteins)	 Dirt Bands (Including Tonsteins)
 Dolerite	 Carbonaceous Mudstone	 Coal Interbedded With Carbonaceous Mudstone
 Lithic Sandstone	 Coal	 Core Loss



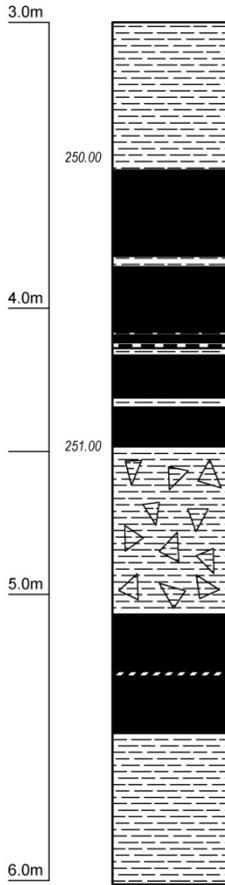
PROJECT: EL 16/2010 - FINGAL

Compiled : Ken Morrison	Drawn : Gillian Bennett	Date : 29/09/2012	File: GS-VR008-P1.dwg	Scale : 1:20
----------------------------	----------------------------	----------------------	--------------------------	--------------

VR008 - G SEAM
PART 1

VR008 - G SEAM

Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
-------	------------	--------------	-----	------------	---------



LEGEND

	Dolerite Talus		Grey, Brown, Cream Mudstone or Claystone (Including Tonsteins)		Dirt Bands (Including Tonsteins)
	Dolerite		Carbonaceous Mudstone		Coal Interbedded With Carbonaceous Mudstone
	Lithic Sandstone		Coal		Core Loss

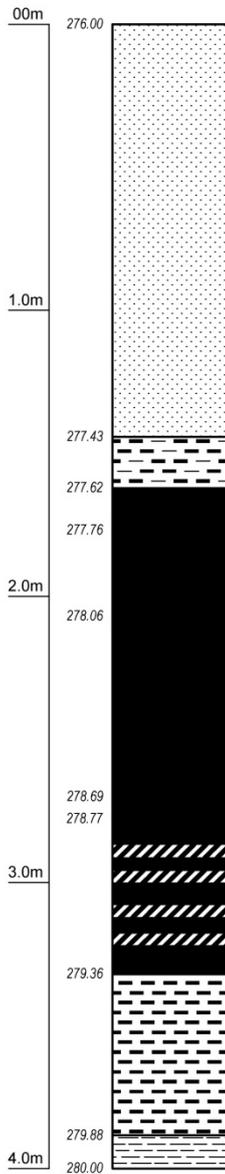


PROJECT: EL 16/2010 - FINGAL

Compiled : Ken Morrison	Drawn : Gillian Bennett	Date : 29/09/2012	File: GS-VR008-P2.dwg	Scale : 1:20
-------------------------	-------------------------	-------------------	-----------------------	--------------

VR008 - G SEAM
PART 2

VR009 - B SEAM



HVC169

Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m ³
34.5	24.2	4608	0.32	4.6	1.63

LEGEND

 Dolerite Talus	 Grey, Brown, Cream Mudstone or Claystone (Including Tonsteins)	 Dirt Bands (Including Tonsteins)
 Dolerite	 Carbonaceous Mudstone	 Coal Interbedded With Carbonaceous Mudstone
 Lithic Sandstone	 Coal	 Core Loss

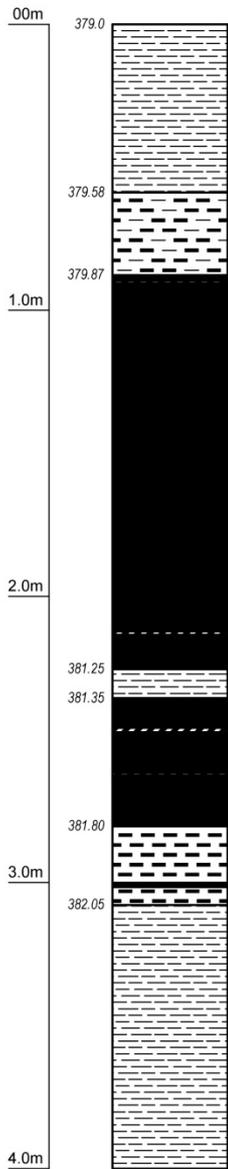


PROJECT: EL 16/2010 - FINGAL

Compiled : Ken Morrison	Drawn : Gillian Bennett	Date : 14/11/2012	File: BS-VR009.dwg	Scale : 1:20
-------------------------	-------------------------	-------------------	--------------------	--------------

VR009 - B SEAM

VR009 - F SEAM



	Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
HVC170	27.9	22.5	5278	0.35	4.4	1.57

	Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
HVC171	47.1	21.6	3728	0.29	3.8	1.75

	Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
HVC172	72.7	12.2	1312	0.11	3.4	2.15

LEGEND

	Dolerite Talus		Grey, Brown, Cream Mudstone or Claystone (Including Tonsteins)		Dirt Bands (Including Tonsteins)
	Dolerite		Carbonaceous Mudstone		Coal Interbedded With Carbonaceous Mudstone
	Lithic Sandstone		Coal		Core Loss

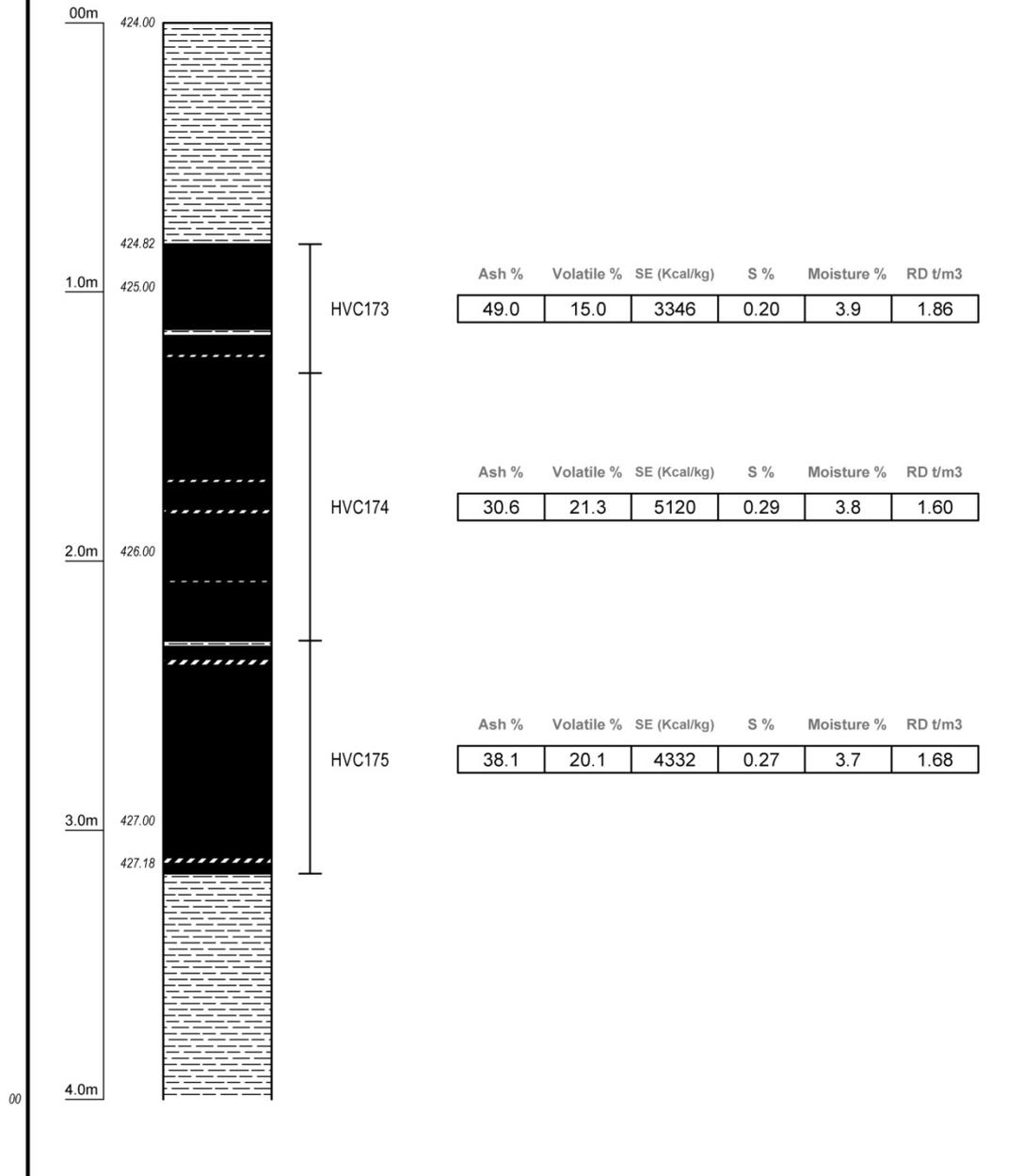


PROJECT: EL 16/2010 - FINGAL

Compiled : Ken Morrison	Drawn : Gillian Bennett	Date : 02/11/2012	File : FS-VR009.dwg	Scale : 1:20
-------------------------	-------------------------	-------------------	---------------------	--------------

VR009 - F SEAM

VR009 - G SEAM



LEGEND

	Dolerite Talus		Grey, Brown, Cream Mudstone or Claystone (Including Tonsteins)		Dirt Bands (Including Tonsteins)
	Dolerite		Carbonaceous Mudstone		Coal Interbedded With Carbonaceous Mudstone
	Lithic Sandstone		Coal		Core Loss

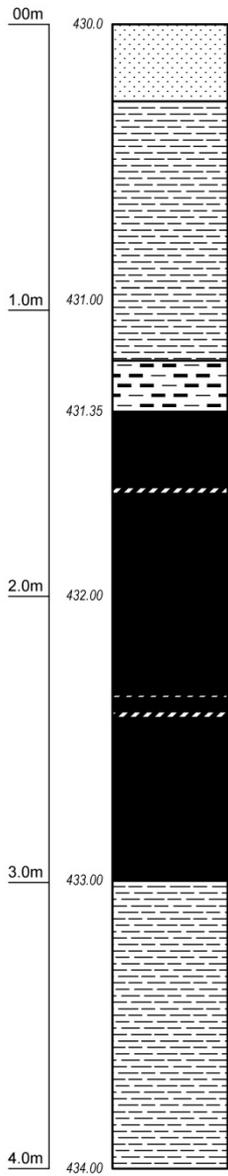


PROJECT: EL 16/2010 - FINGAL

Compiled : Ken Morrison	Drawn : Gillian Bennett	Date : 02/11/2012	File : GS-VR009-P1.dwg	Scale : 1:20
-------------------------	-------------------------	-------------------	------------------------	--------------

VR009 - G SEAM
PART 1

VR009 - G SEAM



HVC176

Ash %	Volatile %	SE (Kcal/kg)	S %	Moisture %	RD t/m3
36.0	20.7	4520	0.35	4.2	1.65

LEGEND

 Dolerite Talus	 Grey, Brown, Cream Mudstone or Claystone (Including Tonsteins)	 Dirt Bands (Including Tonsteins)
 Dolerite	 Carbonaceous Mudstone	 Coal Interbedded With Carbonaceous Mudstone
 Lithic Sandstone	 Coal	 Core Loss

 HRCM HARDROCK COAL MINING	PROJECT: EL 16/2010 - FINGAL				VR009 - G SEAM PART 2
	Compiled : Ken Morrison	Drawn : Gillian Bennett	Date : 02/11/2012	File: GS-VR009-P2.dwg	