

Date: 3-15-2011

DDH: LNG-011-2011

Cardero Iron Ore

Sampled by: CRWTotal Samples: 160
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Sample ID#	Sample Type	Depth From	Depth to	Length	Weight	Comments
J977800	Field-Dup 1	58.0	63.0	5.0	1.6	1/4 Core Original AT
J977801	Field-Dup 2	58.0	63.0	5.0	1.9	1/4 Core Duplicate AT
J977802	CORE	63.0	71.0	8.0	6.8	OXFPR
J977803	CORE	71.0	77.0	6.0	4.6	AT (BREAK IN SAMPLING)
J977804	CORE	95.0	99.0	4.0	3.6	AT
J977805	CORE	99.0	104.5	5.5	5.3	OXMT
J977806	CORE	104.5	110	5.5	5.5	OXMT / AT
J977807	CORE	110.0	117.5	7.5	6.6	AT
J977808	Prep-Dup	110.0	117.5	7.5	NA	Prepared by Lab from J977807
J977809	Standard				0.01	TTC-1
J977810	BLANK				1.0	BLANK POK - at site
J977811	CORE	233.0	240.0	7.0	6.5	AT
J977812		240.0	246.5	6.5	6.4	OXMT
J977813		246.5	251.5	5.0	5.5	
J977814		251.5	258.0	6.5	6.0	
J977815		258.0	265.0	7.0	6.6	
J977816		265.0	271.0	6.0	6.0	
J977817		271.0	278.0	7.0	6.4	
J977818		278.0	285.0	7.0	5.5	
J977819	CORE	285.0	290.0	5.0	5.8	
J977820	Field-Dup 1	290.0	297.0	7.0	2.8	1/4 Core Original
J977821	Field-Dup 2	290.0	297.0	7.0	2.5	1/4 Core Duplicate
J977822	CORE	297.0	303.0	6.0	5.9	OXMT
J977823	CORE	303.0	309.0	6.0	5.1	
J977824		309.0	316.0	7.0	5.2	
J977825		316.0	320.5	4.5	4.2	
J977826		320.5	326.5	6.0	5.8	
J977827	CORE	326.5	332.0	5.5	5.8	
J977828	Prep-Dup	326.5	332.0	5.5	NA	Prepared by Lab from J977827 OXMT
J977829	Standard				0.01	STANDARD LNC-1
J977830	CORE	335.0	339.0	7.0	6.1	OXMT / SOX
J977831	CORE	339.0	345.0	6.0	6.2	SOX
J977832	CORE	345.0	351.5	5.5	6.7	SOX

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J977833	CORE	351.5	358.0	6.5	7.0	SOX
J977834		358.0	365.5	7.5	7.3	
J977835		365.5	370.0	4.5	6.3	
J977836		370.0	377.0	7.0	7.2	
J977837		377.0	383.0	6.0	7.5	
J977838		383.0	389.0	6.0	7.2	
J977839	CORE	389.0	396.0	7.0	7.8	SOX
J977840	Field_Dup 1	396.0	403.0	7.0	3.4	1/4 Core Original SOX
J977841	Field_Dup 2	396.0	403.0	7.0	3.8	1/4 Core Duplicate SOX / OXPR
J977842	CORE	403.0	409.0	6.0	6.4	OXPR
J977843		409.0	416.5	7.5	7.2	
J977844		416.5	422.0	5.5	6.2	
J977845		422.0	429.0	7.0	7.0	
J977846		429.0	435.0	6.0	6.3	
J977847	CORE	435.0	440.5	5.5	5.6	
J977848	Prep_Dup	435.0	440.5	5.5	NA	Prepared by Lab from J977847 OXPR
J977849	Standard				0.01	STANDARD TIC-1
J977850	CORE	440.5	447.5	7.0	7.2	OXPR
J977851		447.5	453.0	5.5	5.6	OXPR
J977852		453.0	459.0	6.0	6.7	OXPR
J977853		459.0	466.0	7.0	7.6	OXPR / SOX
J977854		466.0	473.0	7.0	7.4	SOX / OXPR
J977855		473.0	479.0	6.0	6.8	OXPR
J977856		479.0	486.0	7.0	6.5	
J977857		486.0	492.0	6.0	6.3	
J977858		492.0	499.0	7.0	7.3	
J977859	CORE	499.0	506.0	7.0	7.5	
J977860	Field_Dup 1	506.0	512.0	6.0	3.0	1/4 Core Original
J977861	Field_Dup 2	506.0	512.0	6.0	3.5	1/4 Core Duplicate OXPR
J977862	BLANK				0.9	BLANK - FOR QZITE
J977863	CORE	512	518.5	6.5	6.5	OXPR
J977864		518.5	525.0	6.5	7.9	OXPR
J977865	CORE	525.0	531.5	6.5	6.5	OXPR

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Sample ID#	Sample Type	Depth From	Depth to	Length	Weight	Comments
J977866	CORE	531.5	537.5	6.0	6.6	OXPR
J977867	CORE	537.5	544.5	7.0	7.6	
J977868	Prep Dup	537.5	544.5	7.0	NA	Prepared by Lab from J977867
J977869	Standard				0.01	STANDARD LNC-1
J977870	CORE	544.5	550.5	6.0	7.2	
J977871		550.5	557.0	6.5	6.7	
J977872		557.0	563.0	6.0	6.6	
J977873		563.0	569.5	6.5	7.5	
J977874		569.5	577.0	7.5	8.2	
J977875		577.0	583.0	6.0	7.1	
J977876		583.0	589.5	6.5	7.8	
J977877		589.5	596.5	7.0	6.9	
J977878		596.5	603.0	6.5	7.7	
J977879	CORE	603.0	609.0	6.0	7.0	
J977880	Field_Dup 1	609.0	616.0	7.0	3.4	1/4 Core Original
J977881	Field_Dup 2	609.0	616.0	7.0	3.3	1/4 Core Duplicate
J977882	CORE	616.00	622.0	6.0	7.5	
J977883		622.0	628.0	6.0	7.5	
J977884		628.0	635.5	7.5	7.9	
J977885		635.5	643.0	7.5	8.1	
J977886		643.0	648.0	5.0	6.2	
J977887	CORE	648.0	655.5	7.5	7.7	
J977888	Prep_Dup	648.0	655.5	7.5	NA	Prepared by Lab from J977887
J977889	Standard				0.01	STANDARD TTC-1
J977890	CORE	655.5	661.0	5.5	6.9	
J977891		661.0	668.0	7.0	6.0	
J977892		668.0	674.5	6.5	7.6	
J977893		674.5	680.5	6.0	7.4	
J977894		680.5	689.0	8.5	9.0	OXPR
J977895		689.0	696.5	7.5	7.5	SOX
J977896		696.5	703.0	6.5	8.2	SOX
J977897	CORE	703.0	709.0	6.0	7.3	SOX
J977898	BLANK				0.9	BLANK - POK at 2.10

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Sample ID#	Sample Type	Depth From	Depth to	Length	Weight	Comments
J977899	CORE	709.0	715.5	6.5	7.3	SOX
J977900	Field_Dup 1	715.5	721.5	6.0	3.5	1/4 Core Original
J977901	Field_Dup 2	715.5	721.5	6.0	3.4	1/4 Core Duplicate
J977902	CORE	721.5	728.5	7.0	7.5	↓
J977903		728.5	735.0	6.5	7.6	SOX
J977904		735.0	741.0	6.0	8.1	SOX / OXPR
J977905		741.0	748.0	7.0	7.7	OXPR
J977906		748.0	755.0	7.0	8.1	
J977907	CORE	755.0	761.5	6.5	7.7	
J977908	Prep-Dup	755.0	761.5	6.5	NA	Prepared by Lab from J977907
J977909	Standard				0.01	STANDARD LNC-1
J977910	CORE	761.5	768.5	7.0	7.9	
J977911		768.5	775.0	6.5	7.8	
J977912		775.0	781.0	6.0	7.6	
J977913		781.0	788.0	7.0	8.1	
J977914		788.0	794.5	6.5	6.9	
J977915		794.5	800.5	6.0	7.4	
J977916		800.5	807.0	6.5	6.8	
J977917		807.0	813.0	6.0	7.2	
J977918		813.0	819.0	6.0	7.2	
J977919	CORE	819.0	826.5	7.5	7.5	
J977920	Field_Dup 1	826.5	833	6.5	3.2	1/4 Core Original
J977921	Field_Dup 2	826.5	833	6.5	3.3	1/4 Core Duplicate
J977922	CORE	833	839	6.0	7.4	
J977923		839	845.5	6.5	6.0	
J977924		845.5	852	6.5	7.3	OXPR
J977925		852	859	7.0	7.0	OXPR
J977926		859	865	6.0	7.3	OXPR
J977927	CORE	865	870.5	5.5	6.0	OXPR
J977928	Prep-Dup	865	870.5	5.5	NA	Prepared by Lab from J977927
J977929	Standard				0.01	STANDARD TTC-1
J977930	BLANK				0.7	BLANK POK-0240
J977931	CORE	870.5	876.5	6.0	7.3	OXPR

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Sample ID#	Sample Type	Depth From	Depth to	Length	Weight	Comments
J977932	CORE	876.5	883	6.5	6.7	OXPX
J977933		883.0	889	6.0	7.6	
J977934		889	896.5	7.5	7.4	
J977935		896.5	903	6.5	7.3	
J977936		903	909	6.0	7.1	
J977937		909	916	7.0	6.9	
J977938		916	923	7.0	8.2	OXPX
J977939	CORE	923	929	6.0	7.8	SOX
J977940	Field_Dup 1	929	936	7.0	3.5	1/4 Core Original
J977941	Field_Dup 2	929	936	7.0	3.5	1/4 Core Duplicate
J977942	CORE	936	943	7.0	8.5	SOX
J977943		943	949	6.0	6.6	SOX/oxPX
J977944		949	956	7.0	7.3	OXPX
J977945		956	963	7.0	8.0	
J977946		963	969.5	6.5	7.5	
J977947	CORE	969.5	977	7.5	8.1	
J977948	Prep-Dup	969.5	977	7.5	NA	Prepared by Lab from J977947
J977949	Standard				0.01	STANDARD LNC-1
J977950	CORE	977	983	6.0	7.5	
J977951		983	990	7.0	8.1	
J977952		990	996	6.0	7.3	OXPX
J977953		996	997	1.0	1.5	MT
J977954		997	1004	7.0	7.3	MOX
J977955		1004	1010	6.0	8.1	
J977956		1010	1017.5	7.5	8.8	
J977957		1017.5	1023	5.5	6.9	MOX
J977958		1023	1030.5	7.5	7.1	MOX/oxPX OX PX
J977959	CORE	1030.5	1035.5	5.0	3.5	OX PX MT
J977960	Field_Dup 1					1/4 Core Original
J977961	Field_Dup 2					1/4 Core Duplicate
J977962						
J977963						
J977964						

EOS @

1035.5 feet