THIN SECTION LABEL ID 369-U1512A-5R-4-W 72/75-TSB-TS1

Observer: CW Unit/subunit: II-a

Thin section summary: A silty clay with moderately developed lamination and rare burrows. The sediment sample is moderately sorted and is comprised of silt-sized angular mineral grains

including common quartz and trace amounts of feldspar hosted within a clay-rich matrix. Rare grains are sand sized. Other minerals/bioclasts present in common and trace amounts include muscovite mica, biotite mica, tubular bioclast fragments and poorly

developed/fragmented radiolarians.

Plane-polarized: 43920161





Sediments and Sedimentary Rock

Complete Lithology Name: silty clay

Remarks:

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	5	25	70

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	94	5	1
Cement (%)	94	5	1

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
angular	moderate

Mineral grain	Abundance
Quartz	С
Microcline feldspar	Т
Clay	D
Calcite	R

THIN SECTION LABEL ID 369-U1512A-13R-5-W 26/29-TSB-TS2

Observer: Unit/subunit:

Thin section summary:

A possible sideritic siltstone, with quartz, glauconite, and Fe-oxide. The rock sample is moderately sorted and is comprised of silt-sized siderite grains hosted within a clay-rich matrix. Silt-sized quartz grains are common throughout. Pore spaces are also comprised of quartz cements. The rock sample is likely reworked from a proximal

source area on the slope due to the angularity of the grains.

Plane-polarized: 43920031





Sediments and Sedimentary Rock

Remarks:

Complete Lithology Name: siderite siltstone

The dominant component of this rock could not be identified with confidence. It is

most likely a ferrous carbonate mineral (siderite) due to its crystal shape and possible 3rd to 4th order birefringence colors. It is unlikely to be quartz as it does not exhibit undulose extinction or high to moderate relief. Crystals appear angular

and do not interlock suggesting it has been reworked from elsewhere.

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	0	90	10

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	1	0	0
Cement (%)	1	0	0

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
subangular	moderate

Mineral grain	Abundance
Quartz	R
Clay	R
Calcite	Т
Siderite	D

THIN SECTION LABEL ID 369-U1512A-20R-7-W 55/58-TSB-TS3

Observer: CW Unit/subunit: II-b

Thin section summary: A possible fine grained sideritic sandstone with traces of glauconite, quartz, and Feoxide/hydroxide minerals. The rock sample is moderately sorted and is comprised of

possible sand-sized siderite grains hosted within a clay-rich matrix. Pore spaces comprise quartz cements. Silt-sized quartz grains are common throughout. Poorly preserved/fragmented radiolarian grains are present in trace amounts. The rock sample is likely reworked from a proximal source area on the slope due angularity of the grains.

Plane-polarized: 43919991





Sediments and Sedimentary Rock

Complete Lithology Name: siderite sandstone

The dominant component of this rock could not be identified with confidence. It is most likely a ferrous carbonate (siderite) due to its crystal shape and possible 3rd to 4th order birefringence colors. It is unlikely to be quartz as it does not exhibit

undulose extinction or high to moderate relief. Crystals appear angular and do not

interlock suggesting it has been reworked from elsewhere.

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	60	5	35

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	1	0	1
Cement (%)	1	0	1

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
subangular	well

Mineral grain	Abundance
Quartz	R
Clay	R
Siderite	D

Biogenic material	Abundance
Radiolarians	Т

THIN SECTION LABEL ID 369-U1512A-22R-5-W 46/48-TSB-TS4

Observer: Unit/subunit:

Thin section summary:

A medium grained glauconitic sandstone. The rock sample is moderately sorted and is comprised of abundant glauconite, mica, and common sand-sized quartz grains with traces of muscovite, chlorite and lithic fragments (quartzite? and claystone with radiolarians). Some pore spaces are infilled with clay minerals. Organic matter and common opaque anhedral minerals are present in trace amounts. The rock sample is likely reworked from a proximal source area on the slope due to the angularity of the

grains.

Plane-polarized: 43919951





Sediments and Sedimentary Rock

Complete Lithology Name: glauconitic sandstone with siderite

Remarks:

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	85	5	10

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	90	0	1
Cement (%)	90	0	1

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
angular	moderate

Mineral grain	Abundance
Quartz	А
Muscovite mica	Т
Chlorite	Т
Clay	С
Glauconite	D
Siderite	R
Lithic fragments	Т
Other mineral grains	Т

Biogenic material	Abundance
Plant material	Т
Radiolarians	Т

THIN SECTION LABEL ID 369-U1512A-22R-7-W 40/42-TSB_MAD-TS5

Observer: Unit/subunit:

Thin section summary:

A fine grained glauconitic sandstone. The rock sample is moderately sorted and is comprised of abundant glauconite, mica, and common angular sand-sized quartz grains with traces of muscovite, biotite mica and lithic fragments (quartzite?). Some pore spaces are infilled with clay minerals. The rock sample is likely reworked from a

proximal source area on the slope due to the angularity of the grains.

Plane-polarized: 43919881





Sediments and Sedimentary Rock

Complete Lithology Name: glauconitic sandstone with siderite

Remarks:

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	85	5	10

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	97	3	0
Cement (%)	97	3	0

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
angular	moderate

Mineral grain	Abundance
Quartz	А
Biotite mica	Т
Clay	С
Glauconite	D

THIN SECTION LABEL ID 369-U1512A-24R-CC-PAL-TSB-TS6

Observer: Unit/subunit:

Thin section summary:

A fine to medium grained siderite sandstone with glauconite grains. The sediment sample is poorly sorted and is comprised of common sand-sized subangular quartz grains and abundant glauconite and mica. The rock sample also comprises trace amounts of K-feldspar, muscovite mica and chlorite. Some pore spaces are infilled with clay minerals; however, the sandstone is cemented with siderite. The rock sample is likely reworked from a proximal source area on the slope due to the angularity of the

Plane-polarized: 43919821





Sediments and Sedimentary Rock

Complete Lithology Name: glauconitic sandstone with siderite

Remarks:

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	65	30	5

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	60	0	0
Cement (%)	60	0	0

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
subangular	moderate

Mineral grain	Abundance
Quartz	А
Microcline feldspar	Т
Muscovite mica	Т
Chlorite	Т
Clay	R
Glauconite	A

THIN SECTION LABEL ID 369-U1512A-29R-4-W 89/91-TSB-TS7

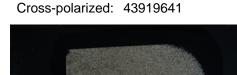
Observer: CW Unit/subunit: II-b

Thin section summary: A possible fine grained sideritic sandstone with common Fe-oxide/hydroxide minerals and traces of quartz. The rock sample is moderately sorted and is comprised of sand-

sized siderite grains hosted within a clay-rich matrix. Pore spaces may comprise quartz cements. Silt-sized quartz grains are common throughout. The rock sample is likely reworked from a proximal source area on the slope due angularity of the grains.

Plane-polarized: 43919791





Sediments and Sedimentary Rock

Complete Lithology Name: siderite sandstone

The dominant component of this rock sample could not be identified with confidence. It is most likely a ferrous carbonate (siderite) due to its crystal shape and possible 3rd to 4th order birefringence colors. It is unlikely to be quartz as it

and possible 3rd to 4th order birefringence colors. It is unlikely to be quartz as it does not exhibit undulose extinction or high to moderate relief. Crystals appear angular and do not interlock suggesting it has been reworked from elsewhere.

GRAIN SIZEGravelSandSiltClayPercent065305

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	1	0	1
Cement (%)	1	0	1

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
subangular	moderate

Mineral grain	Abundance
Quartz	R
Clay	R
Siderite	D

THIN SECTION LABEL ID 369-U1512A-29R-7-W 0/4-TSB-TS8

Observer: CW Unit/subunit: II-b

Thin section summary: A silty claystone with moderately developed lamination. The rock sample is moderately sorted and is comprised of silt-sized subangular mineral grains commonly quartz within

a clay-rich matrix. Rare grains are sand sized. Other minerals/bioclasts present in common and trace amounts include glauconite and mica. Tubular burrows maybe

present in the thin section.

Plane-polarized: 43919601





Sediments and Sedimentary Rock

Complete Lithology Name: silty claystone

Remarks:

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	0	5	95

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	98	2	0
Cement (%)	98	2	0

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
subangular	moderate

Mineral grain	Abundance
Quartz	С
Clay	D
Other mineral grains	С

Remarks:

Thin section no.: 9

THIN SECTION LABEL ID 369-U1512A-30R-4-W 61/64-TSB-TS9

Observer: Unit/subunit:

Thin section summary: A possible silt to fine grained siderite sandstone with rare grains of quartz and traces of clay minerals. The rock sample is moderately sorted and is comprised of silt and sand-

sized siderite and quartz grains with pore spaces infilled with carbonate cement.

Plane-polarized: 43914211





Sediments and Sedimentary Rock

Complete Lithology Name: siderite sandstone

The dominant component of this rock sample could not be identified with

confidence. It is most likely a ferrous carbonate (siderite) due to its crystal shape and possible 3rd to 4th order birefringence colors. It is unlikely to be quartz as it does not exhibit undulose extinction or high to moderate relief. Crystals appear to interlock suggesting it is a diagenetic cement.

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	80	15	5

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	3	0	1
Cement (%)	3	0	1

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
subangular	moderate

Mineral grain	Abundance
Quartz	Т
Clay	Т
Siderite	D

THIN SECTION LABEL ID 369-U1512A-32R-5-W 79/82-TSB-TS_10 Thin section no.: 10

Observer: CW Unit/subunit: Unit II-b

Thin section summary: A fine to medium grained glauconitic sandstone with siderite. The rock sample is moderately sorted and is comprised of abundant glauconite mica and common sand-sized subangular quartz with traces of foraminifera shell and sponge spicules. The

sized subangular quartz with traces of foraminifera shell and sponge spicules. The sandstone is cemented with siderite with some pore spaces infilled with clay minerals. The rock sample is likely reworked from a proximal source area on the slope due to the

angularity of the grains.

Plane-polarized: 43914151





Sediments and Sedimentary Rock

Complete Lithology Name: glauconitic sandstone with siderite

Remarks:

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	90	6	3

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	90	0	0
Cement (%)	90	0	0

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
subangular	poor

Mineral grain	Abundance
Quartz	А
Glauconite	D

Biogenic material	Abundance
Foraminifers	Т

THIN SECTION LABEL ID 369-U1512A-32R-5-W 83/86-TSB-TS11 Thin section no.: 11

Observer: Unit/subunit: Unit II-b

Thin section summary:

A fine to medium grained glauconitic sandstone with siderite. The rock sample is poorly sorted and is comprised of abundant rounded glauconite grains, sand-sized subangular quartz grains, common rounded siderite grains with trace amounts of mica. Some pore spaces are infilled with clay minerals. The rock sample is likely reworked from a

proximal source area on the slope due to the angularity of the grains.

Plane-polarized: 43911901





Sediments and Sedimentary Rock

Complete Lithology Name: glauconitic sandstone with siderite

Remarks:

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	90	5	5

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	80	0	0
Cement (%)	80	0	0

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
sub-rounded	poor

Mineral grain	Abundance
Quartz	А
Clay	Т
Glauconite	D

THIN SECTION LABEL ID 369-U1512A-37R-1-W 69/71-TSB-TS12 Thin section no.: 12

Observer: Unit/subunit: Unit II-b

Thin section summary:

A silt-sized to fine grained crystalline siderite. The rock sample is comprised of dominant crystalline siderite, common clay with traces of quartz and radiolarians. Siderite present in this sample is likely to be diagenetic in origin because the majority of siderite crystals

interlock with each other.

Plane-polarized: 43911861





Sediments and Sedimentary Rock

Complete Lithology Name: siderite sandstone with clay

Siderite crystals interlock. This suggests the siderite was diagenetic and formed in-Remarks:

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	60	25	5

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	10	0	0
Cement (%)	10	0	0

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
angular	well

Mineral grain	Abundance
Quartz	Т
Clay	С
Calcite	Т
Siderite	D

Biogenic material	Abundance
Radiolarians	Т

THIN SECTION LABEL ID **369-U1512A-37R-1-W 71/73-TSB-TS13** Thin section no.: 13

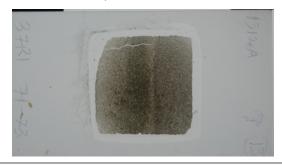
Observer: CW Unit/subunit: Unit II-b

Thin section summary: A very fine grained grained crystalline siderite. The rock sample is comprised of dominant crystalline siderite, common clay with traces of quartz and radiolarians.

dominant crystalline siderite, common clay with traces of quartz and radiolarians. Siderite is present in this sample is likely to be diagenetic in origin because the majority

of siderite crystals interlock with each other.

Plane-polarized: 43911821





Sediments and Sedimentary Rock

Complete Lithology Name: siderite sandstone

Remarks: Siderite crystals interlock. This suggests the siderite was diagenetic and formed in-

situ.

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	85	5	5

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	0	0	0
Cement (%)	0	0	0

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
angular	well

Mineral grain	Abundance
Quartz	Т
Clay	С
Siderite	D

Biogenic material	Abundance
Radiolarians	Т

THIN SECTION LABEL ID 369-U1512A-50R-5-W 40/43-TSB-TS14

Observer: AM Unit/subunit: Unit II-b

Thin section summary:

A silty claystone with moderately developed lamination. The rock sample is moderately sorted and is comprised of clay-sized subangular mineral grains commonly quartz within a clay-rich matrix. Rare grains are sand sized. Other minerals/bioclasts are present in common and trace amounts and include glauconite mica and biotite. Tubular burrows

maybe present in the thin section.

Plane-polarized: 44000901





Sediments and Sedimentary Rock

Complete Lithology Name: silty claystone

Remarks:

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	0	5	95

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	99	1	0
Cement (%)	98	2	0

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
subangular	moderate

Mineral grain	Abundance
Quartz	С
Biotite mica	Т
Clay	D
Other mineral grains	С

 $D{=}dominant,\,A{=}abundant,\,C{=}common,\,R{=}rare,\,T{=}trace$

THIN SECTION LABEL ID 369-U1512A-51R-1-W 48/51-TSB-TS15

Observer: MGT Unit/subunit: Unit II-b

Sideritic silty claystone, with quartz and Fe-oxide. The rock sample is moderately sorted and are comprised of burrows filled with laminated siderite and silt-sized siderite grains hosted within a clay-rich matrix. Silt-sized quartz grains are common throughout. Pore Thin section summary:

spaces and fractures comprises quartz cements.

Plane-polarized: 44000861





Sediments and Sedimentary Rock

Complete Lithology Name: clayey siltstone with siderite

"Worm's nest". Section contains a lot of trace fossils forming a network. Siderite Remarks:

crystals within clayey siltstone, both diagenetic and detrital. siderite in burrows diagenetic, silt-sized siderite grains detrital

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	0	80	20

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	25	0	0
Cement (%)	1	0	0

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
subangular	moderate

Mineral grain	Abundance
Quartz	R
Muscovite mica	Т
Clay	А
Siderite	D

THIN SECTION LABEL ID 369-U1512A-51R-5-W 43/46-TSB-TS16

Observer: AM Unit/subunit: Unit II-b

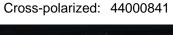
Thin section summary:

A silty claystone with moderately developed lamination. The rock sample is moderately sorted and are comprised of clay-sized subangular mineral grains commonly quartz within a clay-rich matrix. Other minerals/bioclasts are muscovite, siderite (silt-sized grains), mica (biotite) and sponge spicula. Tubular burrows maybe present in the thin

section.

Plane-polarized: 44000821







Sediments and Sedimentary Rock

Complete Lithology Name: silty claystone

Remarks:

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	0	5	95

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	99	1	0
Cement (%)	95	5	0

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
subangular	moderate

Mineral grain	Abundance
Quartz	С
Muscovite mica	Т
Biotite mica	Т
Clay	D
Siderite	Т
Other mineral grains	С

Biogenic material	Abundance
Sponge spicules	Т

THIN SECTION LABEL ID 369-U1512A-52R-1-W 43/46-TSB-TS17

Observer: AM Unit/subunit: Unit II-b

A silty claystone with moderately developed lamination. The rock sample is moderately sorted and shows alternation of clay-sized and silt-sized layers. Mineral grains are Thin section summary:

generally subrounded and are commonly quartz within a clay-rich matrix. Other minerals/bioclasts are muscovite, siderite (silt-sized grains), mica (biotite) and sponge

spicula. Tubular burrows maybe present in the thin section.

Plane-polarized: 44000761





Cross-polarized: 44000801



Sediments and Sedimentary Rock

Complete Lithology Name: silty claystone

Remarks:

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	0	5	95

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	99	1	0
Cement (%)	95	5	0

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
sub-rounded	moderate

Mineral grain	Abundance
Quartz	С
Muscovite mica	Т
Biotite mica	Т
Clay	D
Siderite	Т
Other mineral grains	С

Biogenic material	Abundance
Sponge spicules	Т

Observer:

Thin section no.: 18

THIN SECTION LABEL ID 369-U1512A-53R-7-W 42/45-TSB-TS18

MGT Unit/subunit: Unit II-b

Thin section summary:

This section shows two silty claystone beds, lighter and darker brown-gray colored ones, with sharp boundary between them. Sand-sized mineral grains are feldspars that are altered to clay. Quartz are mostly silt-sized. The darker brown shade of one of the

beds comes from streaks of higher Fe-oxide contents.

Plane-polarized: 44000721





Sediments and Sedimentary Rock

Complete Lithology Name: silty claystone with silt

Section showing banded claystone of lighter and darker brown shade with sharp boundary. Sand-sized mineral grains are feldspars altered to clay. Quartz mostly

boundary. Sand-sized mineral grains are feldspars altered to clay. Quartz mostly silt-sized. Darker brown shading comes from streaks of higher Fe-oxide contents.

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	5	3	92

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	90	0	0
Cement (%)	50	40	0

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
sub-rounded	moderate

Mineral grain	Abundance
Quartz	R
Plagioclase feldspar	С
Clay	А
Glauconite	Т
Other mineral grains	R

THIN SECTION LABEL ID 369-U1512A-54R-5-W 89/92-TSB-TS19

Observer: MGT Unit/subunit: Unit II-b

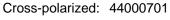
Thin section summary:

A silty claystone with outlines of two burrows shown in marcroscopic description as darker shade mottling. The burrows with darker shade are due to presence of pyrite. Pyrite forms rounded grains inside the burrows, Quartz domites the silt-sized grains with minor feldspar, micas (biotite and muscovite, chlorite). Siliceous and calcareous

bioclasts are also present in trace amount.

Plane-polarized: 44000681







Sediments and Sedimentary Rock

Complete Lithology Name: silty claystone

Remarks: Section showing burrows with darker shade due to pyrite content.

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	0	13	87

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	90	0	2
Cement (%)	50	40	0

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
subangular	moderate

Mineral grain	Abundance
Quartz	С
Plagioclase feldspar	Т
Muscovite mica	Т
Biotite mica	Т
Chlorite	Т
Clay	А
Pyrite	Т
Other mineral grains	R

THIN SECTION LABEL ID 369-U1512A-56R-1-W 115/118-TSB-TS20

Observer: **MGT** Unit/subunit: Unit II-b

This thin section shows a silty claystone with moderately developed lamination and almost equal amounts of clay and calcareous cement. Thin section summary:

Plane-polarized: 44000641





Sediments and Sedimentary Rock

Complete Lithology Name: silty claystone

Moderately developed lamination in silty claystone with almost equal amounts of Remarks:

clay and calcareous cement.

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	0	2	98

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	90	0	0
Cement (%)	50	40	0

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
subangular	moderate

Mineral grain	Abundance
Quartz	R
Plagioclase feldspar	Т
Muscovite mica	Т
Clay	A
Other mineral grains	С

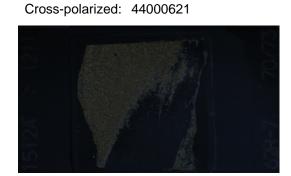
THIN SECTION LABEL ID 369-U1512A-62R-7-W 70/73-TSB-TS21

MGT Unit/subunit: Observer: Unit II-b

A sandy siltstone composed dominantly of siderite grains set in a matrix of clay and calcite cement of equal proportions. Thin section summary:

Plane-polarized: 44000601





Sediments and Sedimentary Rock

Complete Lithology Name: sandy siltstone with siderite

Remarks:

GRAIN SIZE	Gravel	Sand	Silt	Clay
Percent	0	30	65	5

COMPOSITION	Siliciclastic	Calcareous	Biosiliceous
Mineral grains (%)	0	95	0
Cement (%)	50	40	0

MINERAL GRAIN ROUNDNESS	MINERAL GRAIN SORTING
sub-rounded	well

Mineral grain	Abundance
Quartz	Т
Clay	А
Siderite	А
Pyrite	Т