LOG FOR GRAB SAMPLES

Project No: 214
Location:

Logged by Coleman
Date Logged 26 Apr. 64

MGG 09005006

	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA 85 Lat: Long: Date: 7 Mar 64 Water depth:	214-85	very pale orange 10YR 8/2	yes	calcareous sand	Algae, rock and shell fragments, coarse to fine angular; eel grass slight odor
Sample No: STA 86 Lat: Long: Date: 7 Mar 64 Water depth:	214-86	very pale orange 10YR 8/2	yes	calcareous sand	Algae, rock fragments , medium sub-angular; to sub-rounded; scattered shells, trace medium ovate oolites; Bryozoan frag.
Sample No: STA 87 Lat: Long: Date: 7 Mar 64 Water depth:	214-87	very pale orange 10YR 8/2	yes	calcareous sand	Algae and rock fragments medium sized, angular to sub-angular; shells and forams (15%)
Sample No: STA 88 Lat: Long: Date: 7 Mar 64 Water depth:	214-88	very pale orange 10YR 8/2	yes	calcareous sand	"rock" fragments, fine, subrounded to well rounded with 15% coarse cemented aggregates of rounded pellets; eel grass trace odor
Sample No: STA 89 Lat: Long: Date: 8 Mar 64 Water depth:	214-89	very pale orange 10YR 8/2	yes	calcareous sand	Algae and "rock" fragments coarse to medium, sub-angular to sub rounded; trace shells, trace pellet no odor
Sample No: STA 90 Lat: Long: Date: 8 Mar Water depth:	214-90	very pale orange 10YR 8/2	yes	calcareous pelletoidal sand	pellets(30%) medium to fine, ovate to irregular rock and algae frags. fine to medium, sub to well rounded; coarse aggregates of recemented pellets
Sample No: STA 91 Lat: Long: Date: 8 Mar Water depth:	214-91	very pale orange 10YR 8/2	yes	calcareous sand	"Rock" and algae fragments sub angular to sub-rounded medium to coarse sized no odor
Sample No: STA 92 Lat: Long: Date: 8 Mar Water depth:	214-92	very pale orange 10YR 8/2	yes	calcareous pelletoidal sand	Pellets (60%) medium, ovate to irregular to spherical; rock and algae fragments fine to coarse, rounded with coarse, algae cemented aggregates; odor

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MGG 09 00 50 n a

	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA 93 Lat: Long: Date: 8 Mar Water depth:	214-93	very pale orange 10YR 8/2	yes	calcareous pelletoidal sand	pellets (60%) medium to fine, ovate to spherical; algal cemented aggregates of pellets and rock fragments (30%); rock (10%) fragments rounded; trace oolites? trace brown algal coating trace odor
Sample No: STA 94 Lat: Long: Date: 8 Mar Water depth:	214-94	very pale orange 10YR 8/2	yes	calcareous pelletoidal sand	Pellets (30%) ovate to spherical medium; Algae and rock fragments coarse to fine, angular to rounded; 10% shell and warm tubes; solitary coarse
Sample No: STA 95 Lat: Long: Date: 8 Mar Water depth:	214-95	very pale orange 10YR 8/2	yes	calcareous sand	Algae and rock fragments medium to fine, sub-angular to sub rounded; pellets(10%) medium, ovate; coarse aggrates (20%) of cemented pellets, no odor
Sample No:STA 96 Lat: Long: Date: 8 Mar Water depth:	214-96	very pale orange 10YR 8/2	yes	calcareous pelletoidal sand	Algae and rock fragments fine to coarse sub to well rounded; pellets (30%) spherical to irregular, fine to medium; coarse rounded aggregates of cemented pellets no odor
Sample No: STA 97 Lat: Long: Date:8 Mar 64 Water depth:	214-97	very pale orange 10YR 8/2	yes	calcareous sand	Algal fragments, fine to medium, sub-angular; shell fragments (10%) medium sized; trace pellets slight odor
Sample No: STA 98 Lat: Long: Date: 8 Mar 64 Water depth:	214-98	very pale orange 10YR 8/2 to moderate brown 5YR 4/4	yes	calcareous sand	Algal fragments, fine to coarse, angular to sub-angular; coarse rock and algal fragments recemented by algae; slight brown algae coating; trace odor
Sample No: STA 99 Lat: Long: Date: 8 Mar 64 Water depth:	214-99	very pale orange 10YR 8/4	yes	calcareous sand	Algal fragments medium to coarse, angular; scattered cemented aggragates of algal and rock fragments trace odor
Sample No: STA 100 Lat: Long: Date: 8 Mar 64 Water depth:	214-100	very pale orange 10YR 8/2	yes	calcareous sand	As above with 1" to 1/2 X 2" masses of algal cemented fragments, trace odor

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MGG 00005006

	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA 101 Lat: Long: Date: 8 Mar 64 Water depth:	214-101	very pale orange 10YR 8/2	yes	calcareous pelletoidal sand	Pellets(60%) medium to fine, ovate to irregular; rock and algal fragments, fine to medium, sub-rounded; 10% foram shells; slight odor.
Sample No: STA 102 Lat: Long: Date: 8 Mar 64 Water depth:	214-102	very pale orange 10YR 8/2	yes	calcareous sand	Algal and rock fragments medium to coarse angular to sub angular; shells(10-20%) mostly forams; slight odor; slight brown algae coating
Sample No: STA 103 Lat: Long: Date: 8 Mar 64 Water depth:	214-103	very pale orange 10YR 8/2	yes	calcareous sand	living eel grass and green algae; algal fragments fine to medium angular to sub-angular; slight odor
Sample No: STA 104 Lat: Long: Date: 8 Mar 64 Water depth:	214-104	light yellowish gray 5Y 8/1	yes	calcareous pelletoidal sand	pellets(0%) medium oval to spherical; oolites? (10%) spherical, medium; rock fragments fine to silt; some "rock flour"; slight odor
Sample No: STA 105 Lat: Long: Date: 8 Mar 64 Water depth:	214-105	very pale orange 10YR 8/2 to moderate brown	yes	calcareous pelletoidal sand	pellets (40%) medium ovate to spherical; brown algal coating; algal and rock fragments, medium, rounded; trace odor numerous cemented pellets aggrates
Sample No: STA 106 Lat: Long: Date: 8Mar 64 Water depth:	214-106	very pale orange 10 YR 8/2 to moderate brown 5YR 4/4	yes	calcareous pelletoidal sand	pellets (70%) fine to medium, ovate, spherical to irregular; algae fragments and coating; oolites spherical, medium; trace odor
Sample No: STA 107 Lat: Long: Date: 8 Mar 64 Water depth:	214-107	very pale orange 10 YR 8/2 to moderate brown 5YR 4/4	yes	calcareous pelletoidal sand	pellets(50%) fine to medium ovate to irregular; algal fragments, fine to coarse, rounded to angular; brown algal coating; cemented aggregates of pellets; strong odor
Sample No: STA 108 Lat: Long: Date: 8 Mar 64 Water depth:	214-108	very pale orange 10YR 8/2	yes	calcareous sand	algad fragments medium to coarse, (20%) coarse, recemented by algae; brown algal coating; 20% shells;

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Project No: 214
Location:

Logged by Coleman
Date Logged 13 Apr 64

	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA 1 Lat: Long: Date: 1 Mar 64 Water depth:	214-1	yellowish gray 5Y 7/2	yes	calcareous oolites sand	Strong H_2S odor num. small shells + fragments, predominantly oolitics, oolites spherical to ovate, numerous pellets
Sample No: STA 2 Lat: Long: Date: 1 Mar 64 Water depth:	214-2	yellowish gray 5Y 8/2	yes	calcareous oolitic sand	Strong odor num. small shells (forams etc.), oolitics are spherical to ovate
Sample No: STA 3 Lat: Long: Date: 1 Mar 64 Water depth:	214-3	yellowish gray 5Y 7/2	yes	calcareous oolitic sand	Strong odor num. Forams shell frag, mostly oolitics spherical to ovate, pelletoidal inpart
Sample No: STA 4 Lat: Long: Date: 1 Mar 64 Water depth:	214-4	yellowish gray 5Y 7/2	yes	calcareous oolitic sand	Strong odor num. Forams, num. eel grass remains oolitics as slow with ovate pellets
Sample No: STA 5 Lat: Long: Date: 1 Mar 64 Water depth:	214-5	very pale orange 10YR 8/2	yes	calcareous oolitic sand	Strong odor Forams, slow frag. oolitics as above, ovate pellets
Sample No: STA 6 Lat: Long: Date: 1 Mar 64 Water depth:	214-6	very pale orange 10Y 8/2	yes	calcareous oolitic sand	Strong odor num. shell frag., eel grass abundant plants, oolitics spherical to ovate
Sample No: STA 7 Lat: Long: Date: 1 Mar 64 Water depth:	214-7	yellowish gray 5Y 7/2	yes	calcareous oolitic sand	As above, living eel grass
Sample No: STA 8 Lat: Long: Date: 1 Mar 64 Water depth:	214-8	very pale orange 10Y 8/2	yes	calaareous oolitic sand	Strong odor num shell frag, forams oolitics as above

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Project No: 214
Location:

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Date Logged 13 Apr. 64

	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA 9 Lat: Long: Date: 1 Mar 64 Water depth:	214-9	Light gray N7 to Lt. gray 5Y 7/2	yes	calcareous oolitic sand	Strong odor num shells foram frags oolites spherical to ovate, possiblity color change due to oxadation
Sample No: STA 10 Lat: Long: Date: 1 Mar 64 Water depth:	214-10	Light gray N7 to Lt. yel. gray 5Y 7/2	yes	calcareous oolitic sand	As above, some possible color change from decay
Sample No: STA 11 Lat: Long: Date: 1 Mar 64 Water depth:	214-11	very light gray N8	yes	calcareous oolitic sand	very small to medium sized spherial oolites some fragmental oolites and "rock flour", eel grass remains, growing plants
Sample No: STA 12 Lat: Long: Date: 1 Mar 64 Water depth:	214-12	very light gray N8	yes	calcareous oolitic sand	As above with increase in medium oolites and 50-60% rock flour, pellets, oolites and shell frags. some living plants (eel grass)
Sample No: STA 13 Lat: Long: Date: 1 Mar 64 Water depth:	214-13				
Sample No: STA 14 Lat: Long: Date: 1Mar 64 Water depth:	214-14		For data on Please see next	these samples - page.	
Sample No: STA 15 Lat: Long: Date: 1 Mar 64 Water depth:	214-15				
Sample No: STA 16 Lat: Long: Date: 1Mar 64 Water depth:	214-16				

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MGG 09005006

Project No: 214
Location:

Logged by Coleman
Date Logged 14 Apr. 64

	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA 13 Lat: Long: Date: 2 Mar. 64 Water depth:	214-13	light gray N7 to 6	yes	Calcareous oolitic sand	scattered pieces of eel grass, 50% silt sized rock frag and "rock floor," 40% ovate oolites? scattered shell fragments, H_2S odor
Sample No: STA 14 Lat: Long: Date: 2 Mar. Water depth:	214-14	yellowish gray 5Y 7/1	yes	Calcareous oolitic muddy sand	As above with an increase in silt and clay sized material, slight odor
Sample No: STA 15 Lat: Long: Date: 2 Mar Water depth:	214-15	light gray N7 to lt. yellow gray 5Y 7/1	yes	Calcareous mud	Scatt. shell frag. mum. ovate pellets, eel grass growing and dead; mostly "rock floor" and rock frag., 30% plant remains, slight odor
Sample No: STA 16 Lat: Long: Date: 2 Mar Water depth:	214-16	very light gray N8	yes	Calcareous oolitic sand	fine ovate to spherical oolites, living eel grass, rock floor, H_2S odor
Sample No: STA 17 Lat: Long: Date: 2 Mar Water depth:	214-17	very light gray N8	yes	Calcareous oolitic sand	As above with medium to coarse ovate oolites, trace eel grass, strong odor.
Sample No: STA 18 Lat: Long: Date: 2 Mar Water depth:	214-18	very light gray N8	yes	Calcareous oolitic sand	As above, abundant eel grass
Sample No: STA 19 Lat: Long: Date: 2 Mar Water depth:	214-19	very light gray N8	yes	Calcareous oolitic sand	As above, increase in shell fragments. Oolites less uniform in shape, num broken oolites
Sample No: STA 20 Lat: Long: Date: 2 Mar Water depth:	214-20	very light gray 10YR N8	yes	Calcareous oolitic sand	Medium to coarse sized oolites ovate to irregular shaped, num. shell fragments, some with oolitic coatings

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Date Logged_____

	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA 21 Lat: Long: Date: 2 Mar Water depth:	214-21	yellowish gray 5Y 8/1	yes	Calcareous oolitic sand	Fine to coarse sized oolites ovate, to spherical; with irregular shaped pellets, trace grass, strong odor
Sample No: STA 22 Lat: Long: Date: 2 Mar Water depth:	214-22	very pale orange 10YR 8/2	yes	Calcareous pelletoidal sand	As above with more irregular shaped pellets, trace "dumb bell" oolites
Sample No: STA 23 Lat: Long: Date: 2 Mar Water depth:	214-23	yellowish gray 5Y 8/1	yes	Calcareous pelletoidal sand	As above
Sample No: STA 24 Lat: Long: Date: Water depth:	214-24	very pale orange 5Y 8/1	yes	Calcareous pelletoidal sand	As above
Sample No: 25 Lat: Long: Date: 2 Mar 64 Water depth:	214-25	light yellowish gray 5Y 9/1	yes	Calcareous oolitic sand	Medium sized, ovate oolites? scatt. irregular shaped oolites, 30-40% rock floor; eel grass, Tr shell fragments ("oolites" may be pellets)
Sample No: STA 26 Lat: Long: Date: 3 Mar 64 Water depth:	214-26	light yellowish gray 5Y9/1	yes	Calcareous pelletoidal muddy sand	As above, 50% "rock floor" and rock fragments
Sample No:STA 27 Lat: Long: Date: 3 Mar Water depth:	214-27	light yellowish gray to very Lt gray N8 5Y9/1	yes	Calcareous mud muddy sand	As above, strong odor, growing eel grass abundant
Sample No: STA 28 Lat: Long: Date: 3 Mar Water depth:	214-28	light gray N7	yes	Calcareous mud	eel grass, strong odor, abundant shell fragments scattered oolites

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	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: 29 Lat: Long: Date: 3 Mar Water depth:	214-29	yellowish gray 5Y 8/1 to light gray Nt	yes	Calcareous mud	As above
Sample No: 30 Lat: Long: Date: 3 Mar Water depth:	214-30	very pale orange 10YR 8/2	yes	calcareous oolitic sand	fine to coarse sized, ovate, oolites? scott. irregular shaped pellets shells and shell fragments, odor, plant remains, rockfloor
Sample No: 31 Lat: Long: Date: 3 Mar Water depth:	214-31	very pale orange 10YR 8/2	yes	calcareous pelletoidal sand	As above, increase in eel grass
Sample No: 32 Lat: Long: Date: 3 Mar Water depth:	214-32	very pale orange 10YR 8/2	yes	calcareous oolitic sand	medium to coarse sized, spherical oolites, scattered ovate to irragular shaped pellets, no rock floor, no odor, trace shells
Sample No: 33 Lat: Long: Date: 3 Mar Water depth:	214-33	very pale N3 orange 10YR 8/2 with trace dark gray	yes	calcareous oolitic sand	trace dark gray ovate pellets (fecal pellets?) oolites fine to coarse sized ovate with scattered spherical; recemented rock and shell fragments common no odor
Sample No: 34 Lat: Long: Date: 3 Mar Water depth:	214-34	very pale orange 10YR 8/2 to gray (dark) N3	yes	calcareous sand	20- 30% dark gray ovate to irregular shaped pellets (fecal pellets?); oolites commom, and as above, num recemented rock frags. abundant shells , no odor
Sample No: 35 Lat: Long: Date: 3 Mar Water depth:	214-35	very pale orange 10YR 8/2	yes	calcareous sand	shell, algae, Bryozoan, and foram fragments, fecal? pellets and "rock" fragments recemented in port, scattered dark pellets, no odor
Sample No: 36 Lat: Long: Date: 3 Mar Water depth:	214-36	very pale orange 10YR 8/2 mottled with dark gray N3	yes	calcareous sand	dark gray ovate pellets (fecal pellets?) very abundant. "rock" and algae fragments are recemented inpart with pellets and shells cemented and loose, slight odor few oolites

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	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA37 Lat: Long: Date: 3Mar64 Water depth:	214 -37	very pale orange 10yr 8/2 to dark gray N3	Yes	Calcareous Sand	20-30% ovate, fine to medium sized oolites and pellets; 20% dark gray fecal pellets; 10% recemented rock fragments, 10% shell frag. 40% rock fragments and "rock floor."
Sample No: STA 38 Lat: Long: Date: 4 Mar Water depth:	214-38	very pale orange 10yr 8/2	Yes	Calcareous oolitic Sand	oolites medium to coarse sized, spherical with scattered irregular shaped pellets; 10-20% rock fragments and shells, trace recemented rock fragments.
Sample No: STA-39 Lat: Long: Date: 4 Mar Water depth:	214-39	very pale orange 10yr 8/2	Yes	Calcareous oolitic sand	medium sized ovate to spherical oolites, 40% rock fragments, shells and recemented fragments Trace coral (Cleractina), growing eel grass.
Sample No: STA 40 Lat: Long: Date: 4-Mar Water depth:	214-40	Very pale orange 10 yr 8/2	Yes	Calcareous Sand	medium to coarse, "rock", algae? and shell fragments, eel grass, scattered ovate to irregular pellets, trace crab shells, slight odor.
Sample No: STA 41 Lat: Long: Date: 4 Mar Water depth:	214-41	very pale orange 10 yr 7/2	Yes	Calcareous Sand	25 above with brown(?) algae mosses; fair odor.
Sample No: STA 42 Lat: Long: Date: 4 Mar Water depth:	214-42	Very pale Orange 10 yr 8/2	Yes	Calcareous Sand	"rock", algae, bryzoan fragments, trace shells, 10-20% ovate oolites and irregular pellets, trace odor.
Sample No: STA 43 Lat: Long: Date: 4 Mar Water depth:	214-43	Very pale Orange 10yr 8/2	Yes	Calcareous Sand	Algae, bryozoan? and shell fragments, trace odor, angular to sub-angular fragments.
Sample No: STA 44 Lat: Long: Date: 4 Mar Water depth:	214-45	Very pale Orange 10Yr 8/2	Yes	Calcareous Sand	"rock", algae fragments; scattered shells (forams) 10-25% ovate pellets, sub-angular fragments.

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	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA 46 Lat: Long: Date: 4 Mar Water depth:	214-46	Light yellowish gray 5 yr 7/1 to very pale orange	Yes	Calcareous Pelletoidal Sand	Pellets(?) fine to medium sized scattered coarse, ovate to irregular shaped, trace spherical; 10-15% shells, trace algae fragments.
Sample No: STA 47 Lat: Long: Date: 4 Mar Water depth:	214-47	Very pale orange 10yr 8/2	Yes	Calcareous pelletoidal sand	Pellets fine to medium, ovate to irregular shaped, trace spherical 20% rounded "rock" and algae fragments, trace shell fragments.
Sample No: STA 48 Lat: Long: Date: 5 March Water depth:	214-48	Light yellowish gray 5yr 7/2	YES	Calcareous Pelletoid Sand	Medium sized, ovate pellets, "rock" algae and shell fragments (60%) sub-rounded to rounded. forams. Garlic odor.
Sample No: STA 49 Lat: Long: Date: 5 March Water depth:	214-49	Very pale orange 10yr 8/2	Yes	Calcareous Sand	Algae fragments, sub-rounded to sub angular, medium to fine; Trace fine, ovate, pellets; 10% foram shells; trace odor.
Sample No: STA 50 Lat: Long: Date: 5 March Water depth:	214-50	Very pale Orange 10 yr 8/2 to pale yellowish 10 yr brown 6/2	Yes	Calcareous Sand	Scott, gastropod and mollusk shells (large); algae fragments angular to sub-angular, 25% small forams and shells. Garlic odor.
Sample No: STA 51 Lat: Long: Date: 5 March Water depth:	214-51	Very pale orange 10yr 8/2	Yes	Calcareous Sand	10% ovate shaped, medium pellets; algae and "rock" fragments, medium sized, subangular to subrounded; plants growing (eel grass?) garlic odor
Sample No: STA 52 Lat: Long: Date: March 5 Water depth:	214-52	grayish orange 10yr 7/4 to light brown 5yr 4/6	Yes	Calcareous Sand	Algae and "rock" fragments, angular to subangular, fine to coarse sized; brown algae(?) coating.
Sample No: STA 53 Lat: Long: Date: 5 March Water depth:	214-53	Very pale orange 10 yr 8/2	Yes	Calcareous Pelletoid Sand	Pellets medium sized, ovate, with scattered irregular to spherical oolites, many recemented. Algae (60-80%) fragments subrounded; cemented worm tubes, no odor.

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	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA 54 Lat: Long: Date: 5 March Water depth:	214-54	Very Pale orange 10 yr 8/2	Yes	Calcareous Sand	Algae and "rock" fragments, fine to medium sized, subrounded to rounded; fine ovate pellets (10%) trace, shell fragments, trace odor
Sample No:STA 55 Lat: Long: Date: 5 March Water depth:	214-55	Very pale Orange 10yr 8/2	Yes	Calcareous Sand	Algae and "rock" fragments medium to coarse, subangular to subrounded 10-15% ovate pellets, trace odor.
Sample No:STA 56 Lat: Long: Date: 5 March Water depth:	214-56	Very pale orange 10 yr 8/2	Yes	Calcareous Sand	Algae and "rock" fragments medium sized, subrounded to rounded, 15% ovate pellets, trace odor.
Sample No: STA 57 Lat: Long: Date: 5 March Water depth:	214-57	Very pale orange 10yr 8/2	Yes	Calcareous Sand	Algae fragments, medium to fine, subrounded, scattered pellets, 10% shells; trace odor.
Sample No: STA 58 Lat: Long: Date: 5 March Water depth:	214-58	Very pale orange 10yr 8/2	Yes	Calcareous Sand (pelletoidal)	Algae fragments, medium sized, rounded to subrounded pellets, medium ovate; brown algae? coating slight garlic odor.
Sample No: STA 59 Lat: Long: Date: 5 March Water depth:	214-59	Very pale Orange 10yr 8/2	Yes	Calcareous Sand	Algae, bryozoan ?, and shell fragments, medium sized to coarse subrounded to rounded; oolites ovate to elongate (may be rounded bryozoan stems) garlic odor
Sample No: Lat: Long: Date: Water depth:					
Sample No: Lat: Long: Date: Water depth:					

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Project No: 214
Location:

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	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA 60 Lat: Long: Date: 5 March 64 Water depth:	214-60	Light Yellowish Gray 5yr 7/2	Yes	Calcareous Silt	"rock" floor" 30-40%, silt and very fine angular "rock" fragments. Trace odor, trace fine to medium sized ovate oolites.
Sample No: STA 61 Lat: Long: Date: 6 March 64 Water depth:	214-61	Very Pale Orange 10yr 8/2	Yes	Calcareous Pelletoidal Sand	Pellets(?) (20-30%) ovate to irregular shaped, medium sized; algae and rock fragments, medium to fine sized, rounded to subrounded brown algae coating. Garlic odor-strong.
Sample No: STA 62 Lat: Long: Date: 6 March 64 Water depth:	214-62	Very pale orange 10yr 8/2	Yes	Calcareous Pelletoidal Sand	Pellets (50%) ovate to spherical shaped, medium sized; rock and shell fragments medium to fine, rounded to wellrounded. Slight Odor.
Sample No: STA 63 Lat: Long: Date: 6 March 64 Water depth:	214-63	Very Pale Orange 10yr 8/2	Yes	Calcareous Sand	"rock" and algae fragments, medium sized, subangular, 10% forams and shells, trace oolites, slight garlic odor.
Sample No: STA 64 Lat: Long: Date: 6 March 64 Water depth:	214-64	Very Pale Orange 10yr 8/2	Yes	Calcareous Oolitic Sand	Oolites (60%) ovate to spherical; irregular pellets and oolites, Medium sized; rock & shell fragments wellrounded to angular; strong odor.
Sample No: STA 65 Lat: Long: Date: 6 March 64 Water depth:	214-65	Very pale Orange 10yr 8/2	Yes	Calcareous oolites	Oolites(?) spherical to irregular; Medium to coarse sized; well rounded scattered rock fragments No odor; some recemented clusters of oolites.
Sample No: STA 67 Lat: Long: Date: 6 March 64 Water depth:	214-67	Very pale Orange 10yr 8/2	Yes	Calcareous Pelletoidal Sand	Pellets medium sized ovate to irregular shaped; algae and rock fragments medium sized, well-rounded to subrounded.
Sample No: STA 68 Lat: Long: Date: 6 March 64 Water depth:	214-68	Very Pale Orange 10 yr 8/2	Yes	Calcareous Pelletoidal Sand	Layers of fine shperical to irregular shaped, wellrounded pellets between layers of medium to coarse algal and "rock" fragments, trace spherical oolites, trace garlic odor

LOG FOR GRAB SAMPLES

MGG 09005C06

Project No: 214
Location:

Logged by Coleman
Date Logged 23-25 April 64

	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA 69 Lat: Long: Date: 6 March 64 Water depth:	214-69	Very Pale Orange 10yr 8/2	Yes	Calcareous Pelletoidal Sand	Pellets (40%) ovate to elongate to to irregular, medium sized; "rock" algae, shell and spine fragments fine to medium sized, subrounded to wellrounded; odor.
Sample No: STA 70 Lat: Long: Date: 6 March 64 Water depth:	214-70	Very pale Orange 10yr 8/2	Yes	Calcareous Pelletoidal Sand	Pellets (20-30%) fine to medium sized, rounded to well-rounded; algae and recemented rock fragments angular to rounded, medium to coarse sized; garlic odor.
Sample No: STA 71 Lat: Long: Date: 6 March 64 Water depth:	214-71	Very pale Orange 10yr 8/2	Yes	Calcareous pelletoidal Sand	Pellets (20%) medium to fine, ovate; rock fragments fine wellrounded scattered shells angular rock and algae; garlic odor.
Sample No: STA 72 Lat: Long: Date: 6 March 64 Water depth:	214-72	Very pale Orange 10yr 8/2	Yes	Calcareous Pelletoidal Sand	Pellets (70%) medium to fine, ovate rock and algae fragments medium to coarse, well to subrounded trace oolites. No odor.
Sample No: STA 73 Lat: Long: Date: 6 March 64 Water depth:	214-73	Light Yellowish Gray 5y 8/1	Yes	Calcareous Pelletoidal Sand	Pellets (50%) medium to fine, ovate to irregular; rock and shell fragments fine to medium, rounded to subrounded; No odor.
Sample No: STA 74 Lat: Long: Date: 6 March 64 Water depth:	214-74	Very Pale Orange 10 yr 8/2	Yes	Calcareous Sand	Algae "rock" and shell fragments, subrounded to subangular, medium sized; scattered fragments pink shell; trace pellets, slight odor, 20% foram shells.
Sample No: STA 75 Lat: Long: Date: 7 March 64 Water depth:	214-75	Very pale Orange 10yr 8/2 to moderate brown 5yr 4/4	Yes	Calcareous Sand	Algae, shell and rock fragments, medium to coarse, subangular; shells 20%; brown algae? coating, strong odor.
Sample No: STA 76 Lat: Long: Date: 7 March 64 Water depth:	214-76	Very pale orange 10 yr 8/2 to Moderate Brown 5yr 4/4	Yes	Calcareous Pelletoidal Sand	Pellets (80%) medium sized, ovate to irregular, scattered spherical; 10-20% recemented masses of pellets and oolites?; algae and shell fragments; brown algae coating.

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MGG 09005C06

Project No: 214
Location:

Logged by Coleman
Date Logged 25 April 64

	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA 77 Lat: Long: Date: 7 March 64 Water depth:	214-77	Light Yellowish Gray 5yr 8/1	Yes	Calcareous Sand	Pellets (40%) ovate to irregular medium to fine; rock fragments fine, well to subrounded; 10% silt and rock floor; living eelgrass; Slight odor.
Sample No: STA 78 Lat: Long: Date: 7 March 64 Water depth:	214-78	Light Yellowish Gray 5yr 9/1	Yes	Calcareous Pelletoidal Sand	Pellets (30%?) ovate to spherical to irregular, fine, scattered medium; rock fragments fine well rounded to spherical; scatt oolites ?
Sample No: STA 79 Lat: Long: Date: 7 March 64 Water depth:	214-79	Very pale Orange 10 yr 8/2 to Moderate Brown 5yr 4/4	Yes	Calcareous Pelletoidal Sand	Pellets (40%) ovate to irregular, fine to coarse rounded to angular with coarse masses of recemented pellets; shells (10%); brown algae coating, trace odor.
Sample No: STA 80 Lat: Long: Date: 7 March 64 Water depth:	214-80	Very pale Orange 10 yr 8/2 to Moderate Brown 5yr 4/4	Yes	Calcareous Sand	Algae and rock fragments, medium to coarse, angular to subrounded; with scattered pellets and recemented masses of pellets; brown algae coating, trace odor.
Sample No: STA 81 Lat: Long: Date: 7 March 64 Water depth:	214-81	Very pale Orange 10yr 8/2	Yes	Calcareous Sand	Algae and "rock" fragments medium to coarse sized. subangular to subrounded, scattered forams, shells, and pellets; trace brown algae? coating.
Sample No: STA 82 Lat: Long: Date: 7 March 64 Water depth:	214-82	Very pale Orange 10yr 8/2	Yes	Calcareous Sand	Algae and rock fragments fine to coarse, subrounded trace odor, trace brown algae? coating.
Sample No: STA 83 Lat: Long: Date: 7 March 64 Water depth:	214-83	Very pale Orange 10yr 8/2	Yes	Calcareous Sand	Algal fragments coarse to medium angular; shells (30%) mostly forams; eel grass.
Sample No: STA 84 Lat: Long: Date: 7 March 64 Water depth:	214-84	Very pale Orange 10yr 8/2	Yes	Calcareous Shelly Sand	Shells (40%), forams, and algae fragments, medium to coarse, angular; eel grass. High biological activity, low bacteria?, trace odor.

LOG FOR GRAB SAMPLES

MGG 09 0 0 5 0 0 6

Project No: 214
Location:

Logged by Coleman
Date Logged 26 Apr. 64

	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA 109 Lat: Long: Date: 9 Mar 64 Water depth:	214-109	very pale orange 10YR 8/2 to moderate brown 5YR 4/4	yes	calcareous sand	Algae coarse to medium sub angular to angular brown coating; shells and forams 20%; strong garlic odor
Sample No: STA 110 Lat: Long: Date: 9 Mar Water depth:	214-110	very pale orange 10YR 8/2	yes	calcareous pelletoidal sand	pellets(60%) and rock fragments fine to medium irregular to ovate well to sub-rounded algae fragments (30%) medium to coarse sub-rounded shells and forams (10%); slight odor
Sample No: STA 111 Lat: Long: Date: 9 Mar Water depth:	214-111	very pale orange 10YR 8/2 to moderate brown 5YR 4/4	yes	calcareous sand	Algae and rock fragments medium to fine sub-rounded; coarse cemented aggregates of algal and rock fragments; brown coating; slight odor
Sample No: STA 112 Lat: Long: Date: 9 Mar Water depth:	214-112	very pale orange 10YR 8/2	yes	calcareous pelletoidal sand	pellets(40%) ovate to irregular fine to medium; rock (40%) fragments fine to medium well rounded coarse algal cemented aggregates(20%) strong odor
Sample No: STA 113 Lat: Long: Date: 9 Mar Water depth:	214-113	very pale orange 10YR 8/2	yes	calcareous pelletoidal sand	pellets(80%) ovate to spherical medium to fine; rock fragments (10%) fine well rounded; algae fragments (10%) and coatings; slight odor; scattered oolites?; coarse pellet aggregates
Sample No: STA 114 Lat: Long: Date: 9 Mar Water depth:	214-114	very pale orange 10YR 8/2	yes	calcareous sand	rock and algal fragments medium rounded to sub-rounded scattered pellets and shells; brown algae coating; garlic odor
Sample No: STA 115 Lat: Long: Date: 9 Mar Water depth:	214-115	very pale orange 10YR 8/2	yes	calcareous sand	algal and rock fragments coarse to fine sub-angular to angular; shells (20%); slight odor
Sample No: STA 116 Lat: Long: Date: 9 Mar Water depth:	214-116	very pale orange 10YR 8/2	yes	calcareous sand	algae and rock fragments fine to medium rounded to sub-rounded; 10-20% shells; trace odor

LOG FOR GRAB SAMPLES

MGG 09005006

Project No: 214
Location:

Logged by Coleman
Date Logged 26 Apr. 64

	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA 117 Lat: Long: Date: 10 Mar Water depth:	214-117	very pale orange 10YR 8/2	yes	calcareous sand	algal and rock fragments medium to fine, sub-angular to sub-rounded; 1/2" to 2" dead, algae covered, solitary corals; slight odor
Sample No: STA 118 Lat: Long: Date: 10 Mar Water depth:	214-118	very pale orange 10YR 8/2	yes	calcareous sand	algal and fragments fine to medium sub-angular to angular; medium coarse, algae cemented aggregates of pellets and oolites trace odor
Sample No: STA 119 Lat: Long: Date: 10 Mar Water depth:	214-119	very pale orange 10YR 8/2	yes	calcareous sand	algal and rock fragments, fine to medium, angular to sub-angular; 1/2" to 1 1/2" masses of recemented fragments and dead corals
Sample No: STA 120 Lat: Long: Date: Water depth:	214-120	very pale orange 10YR 8/2	yes	calcareous sand pelletoidal	pellets (30%) and rock fragments (30%) medium to fine, ovate to spherical; with medium to coarse algae cemented aggregates of pellets and algae fragments; slight odor
Sample No: STA 121 Lat: Long: Date: 10 Mar Water depth:	214-121	very pale orange 10YR 8/2 to moderate brown 5YR 4/4	yes	calcareous pelletoidal sand	pellets (80%) fine to medium, spherical to irregular to ovate; brown algae coating; algal cemented aggregates of pellets (30%) shells and worm tubes (10%) strong odor
Sample No: STA 122 Lat: Long: Date: 10 Mar Water depth:	214-122	very pale orange 10YR 8/2	yes	calcareous pelletoidal sand	pellets (80%) fine to medium, irregular to ovate to spherial; algae cemented clusters (10%); shells (10%) very strong odor of sewerage
Sample No: STA 123 Lat: Long: Date: 10 Mar Water depth:	214-123	very pale orange 10YR 8/2 to brown 5YR 4/4	yes	calcareous pelletoidal sand	pellets (20%) medium, ovate; rock fragments (40%) medium, sub-rounded to rounded; algae fragments (40%) fine to coarse, sub-angular to sub-rounded; trace odor
Sample No: STA 124 Lat: Long: Date: 10 Mar Water depth:	214-124	very pale orange 10YR 8/2 to moderate brown	yes	calcareous pelletoidal sand	pellets (60%) fine to medium, ovate to spherical to irregular; algal and rock fragments fine to medium rounded; brown algal coating; strong odor

LOG FOR GRAB SAMPLES

MGG 09005006

Project No: 214
Location:

Logged by Coleman
Date Logged 28 Apr. 64

	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA 125 Lat: Long: Date: 10 Mar Water depth:	214-125	very pale orange 10YR 8/2 to moderate brown	yes	calcareous sand	pellets(10%) fine to medium ovate to irregular; algae and rock fragments coarse to medium, sub-angular brown algae coating inpart ; strong odor
Sample No: STA 126 Lat: Long: Date: 10 Mar Water depth:	214-126	very pale orange 10YR 8/2	yes	calcareous sand	pellets (10%) medium, irregular shaped; algae and rock fragments, coarse to fine, angular to sub rounded brown algal coating, slight odor
Sample No: STA 127 Lat: Long: Date: 10 Mar Water depth:	214-127	very pale orange 10YR 8/2	yes	calcareous sand	Algal fragments, coarse to medium, angular, living; with brown algae coating; 10% forams; slight odor
Sample No: STA 128 Lat: Long: Date: 10 Mar Water depth:	214-128	very pale orange 10YR 8/2	yes	calcareous pelletoidal sand	pellets(60%) medium, irregular to spherical, recemented inpart; rock and algae fragments (40%) medium, rounded to well rounded; slight odor
Sample No: STA 129 Lat: Long: Date: 10 Mar Water depth:	214-129	very pale orange 10YR 8/2	yes	calcareous pelletoidal sand	pellets (30%) medium to fine, ovate; rock and algae fragments, medium to fine, sub-angular to sub-rounded; strong odor
* Sample No: STA 130 Lat: Long: Date: 16 Mar Water depth:	214-130	very pale orange 10YR 8/2	yes	calcareous pelletoidal sand	pellets (70%) medium to fine, ovate to irregular; algae and rock fragments medium to fine, rounded to sub angular; strong odor; HALEMEDA growing
Sample No: STA 131 Lat: Long: Date: 16 Mar Water depth:	214-131	very pale orange 10YR 8/2	yes	calcareous pelletoidal sand	pellets(70%) medium to fine, ovate to irregular; algae and rock fragments (15%) rounded, medium to fine; shells (15%); strong odor
Sample No: STA 132 Lat: Long: Date: 16 Mar Water depth:	214-132	very pale orange 10YR 8/2	yes	calcareous sand	2 1/2 x 2" sponge; algae fragments coarse to medium, angular; shells (20%) odor; gray color due to decay of _____

LOG FOR GRAB SAMPLES

MGG 09005006

Project No: 214
Location:

Logged by Coleman
Date Logged 28 Apr. 64

	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: STA 133 Lat: Long: Date: 16 Mar 64 Water depth:	214-133	very pale orange 10YR 8/2 to moderate brown 5YR 4/4	yes	calcareous pelletoidal sand	shells(20%) rock and algae, fragments(50%) coarse to fine, sub angular to rounded; pellets (30%) fine, ovate to spherical; strong odor; brown algae coating
Sample No: STA 134 Lat: Long: Date: 16 Mar Water depth:	214-134	very pale orange 10YR 8/2 to light gray NC	yes	calcareous pelletoidal sand	pellets(40%) white to gray medium to fine, ovate; algae and rock fragments coarse to fine, sub rounded with algae cemented pellets and covered shells
Sample No: STA 135 Lat: Long: Date: 16 Mar Water depth:	214-135	very pale orange 10YR8/2 to moderate brown 5YR 4/4	yes	calcareous pelletoidal sand	pellets(30%), white to gray medium to fine, ovate; algae and rock fragments, medium to fine, sub-angular brown algae coating; strong sewerage odor
Sample No: STA 136 Lat: Long: Date: 16 Mar Water depth:	214-136	very pale orange 10YR 8/2 to mod. brown 5YR 4/4	yes	calcareous pelletoidal sand	pellets(80%), ovate to spherical to irregular, medium algae and rock fragments, (10%) medium, sub-rounded; shells (10%) strong odor; scattered gray pellets
Sample No: STA 137 Lat: Long: Date: 16 Mar Water depth:	214-137	very pale orange 10YR 8/2 to brown 5YR 4/4	yes		pellets(50%) spherical to irregular, medium; algae and rock fragments medium, sub-rounded strong odor; brown algae; trace gray pellets
Sample No: STA 66 Lat: Long: Date: Water depth:	214-66				small sample recovered
Sample No: Lat: Long: Date: Water depth:					
Sample No: Lat: Long: Date: Water depth:					

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OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick

DATE May 1964

CRUISE NO. ~~214~~ Project 214

1. DATE TAKEN (Day, Mo., Yr.)	1, III, 64	1, III, 64	1, III, 64	1, III, 64	1, III, 64	1, III, 64	1, III, 64	1, III, 64
2. SAMPLE NO.	1	2	3	4	5	6	7	8
3. LABORATORY NO.								
4. LATITUDE N	25°03.75'	25°05'	25°05'	28°08.2'	25°10'	25°15'	25°20'	25°20'
5. LONGITUDE W	77°15'	77°10'	77°05	77°00'	77°55'	76°50'	76°50'	76°45'
6. WATER DEPTH (m)	~~4.9~~	~~7.8~~	~~4.6~~ 4.9	8.5	~~4.5~~ 7.0	~~4.5~~ 7.0	~~2.4~~ 4.6	~~2.5~~ 3.3
7. TYPE SAMPLER	Orange Peel							
8. COLOR (GSA Rock Color Chart) [F] FIELD [L] LAB DETERMINATION	5Y 7/2 L	5Y 8/2 L	5Y 7/2 L	5Y 7/2 L	10YR 8/2 L	10YR 8/2 L	5Y 7/2 L	10Y 8/2 L
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)								
b. 4 to 2 mm (%)	0.72	0.38	tr	1.12	tr	3.24	1.33	0.09
c. 2 to 1 mm (%)	2.86	3.79	5.15	1.64	1.22	12.29	5.44	1.71
d. 1 to .500 mm (%)	9.60	22.36	25.93	10.37	8.82	27.19	17.42	9.39
e. .500 to .250 mm (%)	32.86	42.14	45.43	35.38	34.10	38.63	20.11	54.03
f. .250 to .125 mm (%)	42.31	25.87	20.04	32.10	46.13	13.31	18.55	25.54
g. .125 to .062 mm (%)	9.80	4.02	2.51	15.94	6.74	2.80	17.85	6.62
h. .062 to .031 mm (%)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.67	[illegible]
i. .031 to .016 mm (%)							5.64	
j. .016 to .008 mm (%)	1.85				0.99			
k. .008 to .004 mm (%)		1.43	0.95	3.46		2.52	2.60	2.59
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)							0.45	
n. < .001 mm (%)							2.93	
o. Median Diameter (mm)	0.240	0.337	0.379	0.247	0.233	0.444	0.204	0.293
p. Sorting Coefficient	1.50	1.52	1.46	1.62	1.43	1.59	2.48	1.40
q. Skewness	1.03	1.00	1.01	0.96	1.04	1.06	0.97	0.97
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals (%)~~ Q1	0.373	0.514	0.562	0.379	0.349	0.763	0.496	0.400
~~u. Secondary Minerals (%)~~ Q2	0.166	0.222	0.262	0.145	0.170	0.289	0.080	0.203
v. Calcium Carbonate (%)	98.7	98.3	99.2	98.1	98.8	98.6	98.5	98.5
w. Organic Carbon (%)	0.40	0.42	0.41	0.50	0.42	0.47	0.75	0.42

11. REMARKS

Bahama Bank between Andros & Nassau

MGG09005006

OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY D.C.H.
DATE May, 1964

CRUISE NO. _____ Item 214

1. DATE TAKEN (Day, Mo., Yr.)	1, III, 64	1, III, 64	1, III, 64	1, III, 64	1, III, 64	2, III, 64	2, III, 64	2, III, 64
2. SAMPLE NO.	9	10	11	12	13	14	15	16
3. LABORATORY NO.								
4. LATITUDE N	25°25'	25°25'	25°20'	25°20'	25°20'	25°17.7'	25°15'	25°15'
5. LONGITUDE W	76°45'	76°40'	76°40'	76°35'	76°30'	76°25.2'	76°20'	76°25'
6. WATER DEPTH (m)	~~1~~ 2.1	~~2~~ 5 3.3	~~2~~ 3 4.0	~~3~~ 2 4.9	~~4~~ 9 6.4	~~5~~ 6 7.8	10.7	~~4~~ 5 7.0
7. TYPE SAMPLER	Orange Peel		→	→	→	→	→	→
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	N7 to [L] 5Y7/2	N7 to [L] 5Y7/2	N8 [L]	N8 [L]	N7 to [L] N6	5Y7/1 [L]	N7 to [L] 5Y7/1	[L] N6
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)								
b. 4 to 2 mm (%)	tr	1.61	~~[illegible]~~	1.01	1.97	2.53	*	*
c. 2 to 1 mm (%)	0.98	2.85	1.90	1.89	3.38	4.47	6.20	3.76
d. 1 to .500 mm (%)	7.05	6.68	6.21	4.29	4.11	6.69	6.20	6.87
e. .500 to .250 mm (%)	24.63	55.74	36.16	31.21	5.95	16.89	10.45	30.06
f. .250 to .125 mm (%)	52.69	25.96	20.03	9.73	5.48	12.72	8.83	18.07
g. .125 to .062 mm (%)	12.56	2.55	18.13	8.19	5.18	11.14	8.21	14.01
h. .062 to .031 mm (%)	~~2.07~~	3.78	6.58	15.60				10.49
i. .031 to .016 mm (%)			3.76	18.98	46.48	27.50	27.91	6.32
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	2.07	4.59	2.57	2.46	9.85	6.53	16.20	4.78
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)			1.36	4.21	9.21	5.56	5.01	1.76
n. < .001 mm (%)			3.34	2.46	8.35	5.97	10.97	3.93
o. Median Diameter (mm)	0.203	0.306	0.215	0.113	0.031	0.083	0.049	0.177
p. Sorting Coefficient	1.39	1.37	1.97	3.24	2.58	2.84	2.95	2.46
q. Skewness	1.04	0.96	0.80	0.85	0.96	1.31	1.42	0.78
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals~~ (%) Q_1	0.295	0.403	0.339	0.316	0.076	0.308	0.209	0.339
~~u. Secondary Minerals~~ (%) Q_3	0.152	0.215	0.087	0.030	0.012	0.038	0.024	0.056
v. Calcium Carbonate (%)	99.3	99.2	98.0	98.4	95.9	98.0	96.5	97.7
w. Organic Carbon (%)	0.41	0.23	0.68	1.02	1.70	1.30	1.24	1.05

11. REMARKS

* Extraneous material in sieve; not included in size analysis

MGG09005006

OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick

DATE May, 1964

CRUISE NO. _____

Item

1. DATE TAKEN (Day, Mo., Yr.)	2, III, 64	2, III, 64	2, III, 64	2, III, 64	2, III, 64	2, III, 64	2, III, 64	2, III, 64
2. SAMPLE NO.	17	18	19	20	21	22	23	24
3. LABORATORY NO.								
4. LATITUDE N	25°15'	25°15'	25°15'	25°15'	25°10'	25°10'	25°10'	25°10'
5. LONGITUDE W	76°30'	76°35'	76°40'	76°45'	76°50'	76°40'	76°40'	76°35'
6. WATER DEPTH (m)	~~4~~37.6	—	~~3~~6.1	~~3~~46.4	~~3~~5.2	~~3~~5.2	7.3	7.3
7. TYPE SAMPLER	Orange	Peel	→	→	→	→	→	→
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	N8	N8	N8	10YR8/2	5Y8/1	10YR8/2	5Y8/1	5YR8/1
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)								
b. 4 to 2 mm (%)	0.56	0.91	0.58	0.37	0.12	0.08	1.09	0.33
c. 2 to 1 mm (%)	2.61	2.74	2.78	1.55	1.07	1.73	2.67	2.04
d. 1 to .500 mm (%)	13.14	7.64	8.35	10.04	7.23	22.66	5.99	8.20
e. .500 to .250 mm (%)	40.04	35.58	31.73	32.03	33.69	39.22	16.19	25.07
f. .250 to .125 mm (%)	12.50	17.69	23.04	37.47	47.18	22.42	26.49	26.52
g. .125 to .062 mm (%)	12.85	18.39	21.40	14.08	8.52	10.77	29.43	24.60
h. .062 to .031 mm (%)	6.88	6.09						5.16
i. .031 to .016 mm (%)	4.39	3.65	8.21				11.39	2.65
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	2.49	2.74	0.97	4.57	2.15	3.12	2.21	1.81
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)	1.02	0.61	0.28				1.04	0.56
n. < .001 mm (%)	3.51	3.96	2.64				3.50	3.07
o. Median Diameter (mm)	0.281	0.224	0.206	0.228	0.228	0.316	0.268	0.174
p. Sorting Coefficient	2.12	2.02	1.89	1.57	1.42	1.64	1.84	1.85
q. Skewness	0.70	0.79	0.90	0.99	1.02	0.95	1.04	0.97
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals~~ (%) Q_1	0.418	0.358	0.354	0.358	0.332	0.496	0.514	0.316
~~u. Secondary Minerals~~ (%) Q_3	0.093	0.088	0.099	0.145	0.165	0.184	0.152	0.092
v. Calcium Carbonate (%)	98.4	98.6	99.4	99.0	98.6	99.4	98.5	97.7
w. Organic Carbon (%)	1.02	0.98	0.84	0.53	0.42	0.43	0.75	0.79

11. REMARKS

MGG09005006

OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick
DATE May, 1964

CRUISE NO. _____

Item 214

1. DATE TAKEN (Day, Mo., Yr.)	2, III, 64	3, III, 64	3, III, 64	3, III, 64	3, III, 64	3, III, 64	3, III, 64	3, III, 64
2. SAMPLE NO.	25	26	27	28	29	30	31	32
3. LABORATORY NO.								
4. LATITUDE	25°10'	25°10'	25°10'	25°10'	25°05'	25°05'	25°05'	25°05'
5. LONGITUDE	76°30'	76°25'	76°30'	76°15'	76°15'	76°20'	76°25'	76°30'
6. WATER DEPTH (m)	7.9	8.5	10.7	9.8	8.8	7.6	6.1	2.7
7. TYPE SAMPLER	Orange Peel	→	→	→	→	→	→	→
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	5Y9/1	5Y9/1	5Y9/1 to N8	N7	5Y8/1 to N7	10YR8/2	10YR8/2	10YR8/2
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)								
b. 4 to 2 mm (%)	0.32	*	1.93	5.83	*	0.13	0.73	*
c. 2 to 1 mm (%)	2.50	1.79	33.99	5.78	4.04	1.10	2.16	0.64
d. 1 to .500 mm (%)	8.41	5.27	5.92	6.36	6.31	4.83	8.23	23.75
e. .500 to .250 mm (%)	27.80	31.64	22.91	10.67	19.20	25.44	26.42	54.64
f. .250 to .125 mm (%)	17.85	14.01	11.20	10.80	15.19	19.20	33.43	19.14
g. .125 to .062 mm (%)	20.09	16.08	10.35	10.13	21.65	23.57	20.84	1.06
h. .062 to .031 mm (%)	9.44	13.20	9.26	1.86	10.70	10.08	3.26	
i. .031 to .016 mm (%)	4.80	6.30	15.50	20.62	8.29	3.43	1.43	
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	2.88	4.47	8.25	5.74	6.95	4.06	0.65	0.78
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)	1.92	2.54	4.23	4.93	2.94	3.38	0.13	
n. < .001 mm (%)	4.00	4.47	6.44	6.27	4.68	4.75	2.74	
o. Median Diameter (mm)	0.166	0.146	0.096	0.060	0.108	0.130	0.195	0.361
p. Sorting Coefficient	2.22	2.60	3.88	4.04	2.83	2.14	1.71	1.36
q. Skewness	0.91	0.84	0.86	1.28	0.95	1.02	0.99	1.00
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals (%)~~ Q_1	0.337	0.316	0.321	0.312	0.289	0.285	0.332	0.496
~~u. Secondary Minerals (%)~~ Q_2	0.068	0.047	0.021	0.019	0.036	0.062	0.113	0.266
v. Calcium Carbonate (%)	98.8	97.9	98.0	96.1	97.8	98.8	98.1	99.4
w. Organic Carbon (%)	0.90	1.29	1.42	1.92	1.26	1.01	0.67	0.47

11. REMARKS

* Extraneous material in sieve; not included in size analysis

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OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick

DATE May, '64

CRUISE NO. _____ Item 214

1. DATE TAKEN (Day, Mo., Yr.)	3, III, 64	3, III, 64	3, III, 64	3, III, 64	3, III, 64	4, III, 64	4, III, 64	4, III, 64
2. SAMPLE NO.	33	34	35	36	37	38	39	40
3. LABORATORY NO.								
4. LATITUDE N	25°00'	25°00'	24°55'	24°52.9'	24°53¼'	24°55.1'	24°52.8'	24°55'
5. LONGITUDE W	76°20'	76°15'	76°15'	76°16.3'	76°13¼'	76°17.9'	76°22.2'	76°50'
6. WATER DEPTH (m)	5.8	6.1	3.3	2.4	3.3	3.5	5.2	5.8
7. TYPE SAMPLER	Orange	Peel	→	→	→	→	→	→
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	10YR8/2 [L] to N3	10YR8/2 [L] to N3	10YR8/2 [L]	10YR8/2 [L] to N3	10YR8/2 [L] to N3	10YR8/2 [L]	10YR8/2 [L]	10YR8/2 [L]
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)							8.93	
b. 4 to 2 mm (%)	0.26	0.28	0.76	0.88	tr	2.57	7.07	7.19
c. 2 to 1 mm (%)	1.47	2.23	9.79	9.91	1.07	14.52	12.54	16.41
d. 1 to .500 mm (%)	7.36	7.30	39.06	31.87	9.40	44.96	13.07	34.98
e. .500 to .250 mm (%)	43.10	22.21	32.13	29.11	35.74	35.49	29.52	28.81
f. .250 to .125 mm (%)	38.03	46.09	13.88	21.05	27.97	1.12	8.34	9.48
g. .125 to .062 mm (%)	6.98	15.67	1.89	3.94	10.76	0.28	1.30	1.01
h. .062 to .031 mm (%)		2.03			5.20			
i. .031 to .016 mm (%)		1.01			2.92			
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	2.77	0.38	2.44	3.24	2.92	1.07	1.45	2.12
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)		0.63			1.28			
n. < .001 mm (%)		2.15			3.03			
o. Median Diameter (mm)	0.262	0.193	0.496	0.429	0.228	0.599	0.829	0.586
p. Sorting Coefficient	1.42	1.50	1.55	1.73	1.72	1.41	2.72	1.65
q. Skewness	0.97	1.03	0.94	0.94	0.89	1.01	1.21	1.00
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals (%)~~ Q1	0.364	0.299	0.722	0.697	0.351	0.859	2.751	0.972
~~u. Secondary Minerals (%)~~ Q3	0.179	0.133	0.299	0.232	0.118	0.432	0.371	0.356
v. Calcium Carbonate (%)	98.5	98.9	98.6	97.4	97.8	99.1	97.1	99.2
w. Organic Carbon (%)	0.51	0.74	0.54	0.54	0.69	0.41	0.46	0.94

11. REMARKS

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OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick
DATE May, 1964

CRUISE NO. _____

Item 214

1. DATE TAKEN (Day, Mo., Yr.)	4, III, 64	4, III, 64	4, III, 64	4, III, 64	4, III, 64	4, III, 64	4, III, 64	5, III, 64
2. SAMPLE NO.	41	42	43	44	45	46	47	48
3. LABORATORY NO.								5
4. LATITUDE N	24°55'	24°55'	25°00'	25°00'	25°05'	25°05'	25°00'	25°00'
5. LONGITUDE W	76°55'	77°00'	77°00'	76°55'	76°55	77°00'	77°05	77°10'
6. WATER DEPTH (m)	6.1	5.8	4.0	4.0	2.7	6.7	6.7	8.5
7. TYPE SAMPLER	Orange Peel →	→	→	→	→	→	→	→
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	10YR 7/2 [L]	10YR8/2 [L]	10YR8/2 [L]	10YR8/2 [L]	10YR8/2 [L]	5Y7/1 to 10YR8/2 [L]	10YR8/2 [L]	5Y7/2 [L]
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)								
b. 4 to 2 mm (%)	3.73	0.98	9.43	1.94	4.94	—	0.05	0.11
c. 2 to 1 mm (%)	18.68	12.97	36.058	14.87	39.03	2.27	1.24	5.28
d. 1 to .500 mm (%)	30.55	29.52	38.52	34.49	39.88	21.65	7.18	24.15
e. .500 to .250 mm (%)	28.60	37.63	11.08	35.21	11.53	41.62	23.55	46.96
f. .250 to .125 mm (%)	15.16	15.76	2.28	10.27	11.56	27.75	52.59	19.94
g. .125 to .062 mm (%)	1.29	1.95	0.54	1.14	0.54	5.44	13.75	2.45
h. .062 to .031 mm (%)	94.28	97.83	99.00	95.98	94.54	98.73	98.31	98.19
i. .031 to .016 mm (%)								
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	1.98	1.20	1.56	2.08	0.51	1.26	1.63	1.13
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)								
n. < .001 mm (%)								
o. Median Diameter (mm)	0.536	0.454	0.946	0.510	0.801	0.325	0.202	0.376
p. Sorting Coefficient	1.76	1.59	1.50	1.57	1.86	1.51	1.41	1.45
q. Skewness	1.00	1.01	0.99	1.02	1.19	0.82	1.03	0.85
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals (%)~~ Q_1	0.946	0.737	1.395	0.818	1.790	0.490	0.293	0.547
~~u. Secondary Minerals (%)~~ Q_2	0.304	0.454	0.624	0.332	0.514	0.213	0.147	0.259
v. Calcium Carbonate (%)	97.4	98.5	98.5	98.7	99.4	99.2	99.7	97.7
w. Organic Carbon (%)	0.94	0.58	1.25	0.82	0.72	0.63	0.59	0.46

11. REMARKS

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OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick
DATE May, 1964

CRUISE NO. _____ Item 214

1. DATE TAKEN (Day, Mo., Yr.)	5, III, 64	5, III, 64	5, III, 64	5, III, 64	5, III, 64	5, III, 64	5, III, 64	5, III, 64
2. SAMPLE NO.	49	50	51	52	53	54	55	56
3. LABORATORY NO.								
4. LATITUDE N	24°55'	24°50'	24°50'	24°50'	24°50'	24°45'	24°45'	24°40'
5. LONGITUDE W	77°05'	77°05'	77°00'	76°55'	76°50'	76°50'	76°55	76°55'
6. WATER DEPTH (m)	4.0	4.9	5.8	5.5	3.1	5.5	7.0	5.5
7. TYPE SAMPLER	Orange Peel →	→	→	→	→	→	→	→
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	10YR 8/2 [L]	10YR 8/2 to 10YR 6/2 [L]	10YR 8/2 [L]	10YR 7/4 to 5YR 4/6 [L]	10YR 8/2 [L]	10YR 8/2 [L]	10YR 8/2 [L]	10YR 8/2 [L]
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)					3.26			
b. 4 to 2 mm (%)	10.35	8.47	1.72	7.71	33.11	0.55	0.49	1.63
c. 2 to 1 mm (%)	21.44	27.58	16.69	24.61	26.93	7.68	14.79	17.97
d. 1 to .500 mm (%)	34.76	33.09	35.35	24.63	26.74	17.30	33.41	41.33
e. .500 to .250 mm (%)	21.66	15.34	33.23	26.86	8.15	29.24	36.50	25.96
f. .250 to .125 mm (%)	8.95	9.54	9.88	12.69	0.57	33.96	12.58	11.05
g. .125 to .062 mm (%)	1.78	3.89	1.48	1.78	0.29	9.55	1.28	0.87
h. .062 to .031 mm (%)	10.59	19.44	6.03	10.57	14.69	11.73	8.56	9.18
i. .031 to .016 mm (%)								
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	1.04	2.09	1.67	1.73	0.96	1.72	0.96	1.22
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)								
n. < .001 mm (%)								
o. Median Diameter (mm)	0.702	0.753	0.536	0.611	1.414	0.285	0.493	0.599
p. Sorting Coefficient	1.73	1.77	1.59	1.90	1.71	1.69	1.44	1.57
q. Skewness	0.99	0.93	1.00	1.01	0.96	1.06	0.94	0.96
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals (%)~~ Q1	1.198	1.248	0.851	1.173	2.330	0.510	0.664	0.901
~~u. Secondary Minerals (%)~~ Q3	0.400	0.395	0.337	0.325	0.790	0.178	0.321	0.364
v. Calcium Carbonate (%)	98.6	98.7	98.3	97.3	99.1	98.4	98.8	98.9
w. Organic Carbon (%)	0.74	0.81	0.73	1.52	0.55	0.58	0.45	0.54

11. REMARKS

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OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick
DATE May, 1964

CRUISE NO. _____ Item 214

1. DATE TAKEN (Day, Mo., Yr.)	5, III, 64	5, III, 64	5, III, 64	5, III, 64	6, III, 64	6, III, 64	6, III, 64	6, III, 64
2. SAMPLE NO.	57	58	59	60	61	62	63	64
3. LABORATORY NO.	~~21~~							
4. LATITUDE N	24°40'	24°35'	24°35'	24°35.8'	24°30'	24°30'	24°25'	24°25'
5. LONGITUDE W	76°50'	76°55'	76°50'	76°48.3'	76°50'	76°55'	76°55'	76°50'
6. WATER DEPTH (m)	4.6	5.8	4.9	1.5	6.1	7.0	6.4	7.0
7. TYPE SAMPLER	Orange Peel	→	→	→	→	→	→	→
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L	5Y 7/2 L	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)								*
b. 4 to 2 mm (%)	10.55	0.21	0.53	tr	0.67	0.66	0.63	0.05
c. 2 to 1 mm (%)	24.07	17.91	15.40	0.80	13.32	16.87	10.18	10.11
d. 1 to .500 mm (%)	29.40	33.49	37.84	2.16	29.31	32.17	36.52	24.77
e. .500 to .250 mm (%)	17.69	44.52	36.78	8.74	35.58	43.28	35.81	34.70
f. .250 to .125 mm (%)	9.96	10.95	6.71	11.75	18.00	13.54	13.88	21.10
g. .125 to .062 mm (%)	1.97	1.86	1.12	28.62	2.01	2.25	1.30	3.09
h. .062 to .031 mm (%)	97.19	97.23	97.16	79.50	98.00	98.11	97.69	98.07
i. .031 to .016 mm (%)				7.52				
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	1.64	1.56	1.63	8.69	1.12	1.24	1.68	1.19
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)				4.70				
n. < .001 mm (%)				7.52				
o. Median Diameter (mm)	0.796	0.441	0.532	0.066	0.441	0.435	0.480	0.387
p. Sorting Coefficient	1.82	1.45	1.51	2.27	1.63	1.48	1.53	1.59
q. Skewness	0.93	1.01	1.01	0.79	1.02	1.00	0.98	1.02
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals (%)~~ Q1	1.347	0.651	0.818	0.118	0.737	0.646	0.717	0.628
~~u. Secondary Minerals (%)~~ Q3	0.406	0.308	0.358	0.023	0.276	0.295	0.306	0.248
v. Calcium Carbonate (%)	98.4	98.4	99.0	97.4	97.9	99.0	98.4	99.8
w. Organic Carbon (%)	0.77	0.62	0.52	1.38	0.66	0.65	0.67	0.55

11. REMARKS

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OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick
DATE May, 1964

CRUISE NO. _____

Item 214

1. DATE TAKEN (Day, Mo., Yr.)	6, III, 64	6, III, 64	6, III, 64	6, III, 64	6, III, 64	6, III, 64	6, III, 64	6, III, 64
2. SAMPLE NO.	65	66	67	68	69	70	71	72
3. LABORATORY NO.								
4. LATITUDE N	24°25'	24°25'	24°20'	24°20'	24°20'	24°15'	24°15'	24°10'
5. LONGITUDE W	76°45'	76°40'	76°45'	76°40'	76°35'	76°40'	76°35'	76°35'
6. WATER DEPTH (m)	3.1	6.7	7.0	5.8	4.0	5.2	5.5	5.2
7. TYPE SAMPLER	Orange Peel →		→	→	→	→	→	→
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	10YR 8/2 L	~~10YR 8/2~~ L	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L	~~5YR 8/1~~ L 10YR 8/2
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)	*							
b. 4 to 2 mm (%)	1.36		0.14	tr	0.34	1.03	*	0.22
c. 2 to 1 mm (%)	12.70		8.54	36.91	6.49	8.94	2.31	8.34
d. 1 to .500 mm (%)	55.67		35.49	21.36	19.03	29.62	13.06	25.28
e. .500 to .250 mm (%)	26.84		46.85	28.49	35.56	38.62	24.76	40.56
f. .250 to .125 mm (%)	2.33		6.15	33.79	23.49	18.48	39.50	21.08
g. .125 to .062 mm (%)	0.19		1.77	7.78	12.71	2.08	17.25	3.39
h. .062 to .031 mm (%)	1.3		8.19	8.33	14.6	11.4	6.6	8.10
i. .031 to .016 mm (%)								
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	0.89		1.07	1.64	2.37	1.22	3.13	1.10
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)								
n. < .001 mm (%)								
o. Median Diameter (mm)	0.624		0.470	0.293	0.310	0.420	0.215	0.384
p. Sorting Coefficient	1.35		1.40	1.72	1.71	1.57	1.64	1.56
q. Skewness	1.00		1.03	1.08	0.97	1.00	1.05	1.01
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals~~ (%) Q1	0.847		0.683	0.547	0.514	0.664	0.371	0.607
~~u. Secondary Minerals~~ (%) Q3	0.460		0.346	0.184	0.176	0.270	0.137	0.248
v. Calcium Carbonate (%)	99.8	99.3	98.3	98.3	98.8	99.0	98.4	99.2
w. Organic Carbon (%)	0.45	0.74		0.53	0.54	0.46	0.56	0.56

11. REMARKS

OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick
DATE May, 1964

CRUISE NO. _____ Item 214

1. DATE TAKEN (Day, Mo., Yr.)	6, III, 64	6, III, 64	7, III, 64	7, III, 64	7, III, 64	7, III, 64	7, III, 64	7, III, 64
2. SAMPLE NO.	73	74	75	76	77	78	79	80
3. LABORATORY NO.								
4. LATITUDE N	24° 10'	24° 10¼'	24°05'	24°05'	24°05'	24°00'	24°00'	24°00'
5. LONGITUDE W	76° 30'	76° 26.9'	76°35'	76°30'	76°25'	76°25'	76°31'	76°35'
6. WATER DEPTH (m)	4.9	4.3	3.1	3.1	4.3	3.3	4.0	4.9
7. TYPE SAMPLER	Orange Peel →	→	→	→	→	→	→	→
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	5YR8/1 [L]	10YR8/2 [L]	10YR8/2 to [L] 5YR4/4	10YR8/2 to [L] 5YR4/4	5YR8/1 [L]	5Y9/1 [L]	10YR8/2 to [L] 5YR4/4	10YR8/2 to [L] 5YR4/4
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)			*					
b. 4 to 2 mm (%)	—	0.30	11.43	2.56	0.45	0.88	1.52	5.52
c. 2 to 1 mm (%)	2.60	2.37	22.60	19.36	32.98	0.81	38.27	~26.62
d. 1 to .500 mm (%)	15.49	22.88	30.45	27.17	11.89	5.02	~25.96	36.13
e. .500 to .250 mm (%)	41.03	64.15	17.88	41.03	41.54	25.12	38.80	22.26
f. .250 to .125 mm (%)	32.05	8.08	11.97	15.72	30.73	55.73	23.60	7.10
g. .125 to .062 mm (%)	7.06	1.13	4.78	1.42	9.94	11.23	1.85	1.03
h. .062 to .031 mm (%)	1.13	0.1	1.63	0.78	1.30	0.91	0.40	0.14
i. .031 to .016 mm (%)								
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	1.77	1.08	0.90	0.74	3.28	1.21	0.00	1.32
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)								
n. < .001 mm (%)								
o. Median Diameter (mm)	0.287	0.398	0.707	0.438	0.293	0.204	0.390	0.712
p. Sorting Coefficient	1.51	1.27	1.92	1.57	1.52	1.36	1.59	1.63
q. Skewness	1.00	0.99	0.93	1.05	0.90	1.02	1.01	0.72
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals (%)~~ Q1	0.435	0.504	1.266	0.722	0.403	0.285	0.628	1.141
~~u. Secondary Minerals (%)~~ Q2	0.191	0.310	0.344	0.293	0.173	0.153	0.248	0.426
v. Calcium Carbonate (%)	97.7	98.9	98.8	99.4	99.2	99.4	99.0	99.2
w. Organic Carbon (%)	0.49	0.54	0.87	0.70	0.52	0.40	0.67	1.02

11. REMARKS

MG09005006

OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick

DATE May, 64

CRUISE NO. _____ Item 214

1. DATE TAKEN (Day, Mo., Yr.)	7, III, 64	7, III, 64	7, III, 64	7, III, 64	7, III, 64	7, III, 64	7, III, 64	7, III, 64
2. SAMPLE NO.	81	82	83	84	85	86	87	88
3. LABORATORY NO.								
4. LATITUDE N	24°00'	24°00'	24°00'	24°00'	24°00'	24°00'	24°00'	24°02'
5. LONGITUDE W	76°40'	76°45'	76°50'	76°55'	77°00'	77°05'	77°10'	77°10.9'
6. WATER DEPTH (m)	5.5	6.4	7.9	9.2	6.7	6.4	7.3	4.6
7. TYPE SAMPLER	Orange Peel →	→	→	→	→	→	→	→
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)								
b. 4 to 2 mm (%)	2.34	1.71	1.44	6.48	3.30	1.98	4.05	4.52
c. 2 to 1 mm (%)	18.39	16.23	12.64	19.06	12.56	16.50	39.49	19.34
d. 1 to .500 mm (%)	34.75	36.94	33.75	30.85	23.68	35.73	25.58	20.65
e. .500 to .250 mm (%)	31.63	27.48	33.72	33.44	29.73	33.22	46.85	18.19
f. .250 to .125 mm (%)	12.69	15.34	15.88	11.11	25.29	10.84	11.87	32.57
g. .125 to .062 mm (%)	1.12	1.08	1.02	1.76	3.82	0.72	0.55	7.45
h. .062 to .031 mm (%)	1.65	1.07	1.01	NN	1.06	1.01	1.43	NO
i. .031 to .016 mm (%)								
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	1.10	1.22	1.57	1.80	1.63	0.99	1.59	2.30
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)								
n. < .001 mm (%)								
o. Median Diameter (mm)	0.536	0.543	0.476	0.525	0.400	0.543	0.435	0.334
p. Sorting Coefficient	1.63	1.65	1.61	1.67	1.80	1.58	1.50	2.06
q. Skewness	0.99	0.95	0.99	1.03	1.00	0.99	1.07	1.14
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals (%)~~ Q1	0.864	0.853	0.763	0.901	0.737	0.857	0.697	0.790
~~u. Secondary Minerals (%)~~ Q2	0.325	0.312	0.293	0.325	0.227	0.342	0.308	0.186
v. Calcium Carbonate (%)	99.1	98.4	99.0	98.4	99.0	98.1	97.8	98.0
w. Organic Carbon (%)	0.56	0.52	0.55	0.58	0.61	0.63	0.85	0.70

11. REMARKS

MC309005006

OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick
DATE May, '64

CRUISE NO. _____

Item 214

1. DATE TAKEN (Day, Mo., Yr.)	8, III, 64	8, III, 64	8, III, 64	8, III, 64	8, III, 64	8, III, 64	8, III, 64	8, III, 64
2. SAMPLE NO.	89	90	91	92	93	94	95	96
3. LABORATORY NO.								
4. LATITUDE N	24°05'	24°05'	24°10'	24°10'	24°10'	24°10'	24°10'	24°10'
5. LONGITUDE W	77°10'	77°05'	77°10'	77°05	77°00'	76°55'	76°50'	76°45
6. WATER DEPTH (m)	7.3	3.7	6.7	5.2	4.6	4.6	4.6	2.4
7. TYPE SAMPLER	Orange Peel →	→	→	→	→	→	→	→
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L	10YR 8/2 L
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)								
b. 4 to 2 mm (%)	4.16	1.42	7.93	5.23	4.87	2.24	1.99	2.64
c. 2 to 1 mm (%)	19.07	10.29	18.58	19.29	23.78	19.49	13.45	19.36
d. 1 to .500 mm (%)	41.52	35.41	31.29	27.14	48.63	33.04	31.75	34.50
e. .500 to .250 mm (%)	23.37	29.88	29.74	29.14	18.54	33.33	34.24	29.19
f. .250 to .125 mm (%)	9.56	22.97	10.85	15.86	2.67	9.65	15.49	13.16
g. .125 to .062 mm (%)	1.36	1.16	0.86	2.20	1.03	1.02	2.37	0.78
h. .062 to .031 mm (%)	94.88	94.71	94.12	93.63	94.65	96.53	94.30	96.99
i. .031 to .016 mm (%)								
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	0.95	0.86	0.76	1.13	1.03	1.22	0.70	0.37
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)								
n. < .001 mm (%)								
o. Median Diameter (mm)	0.642	0.457	0.586	0.521	0.747	0.543	0.473	0.570
p. Sorting Coefficient	1.56	1.69	1.72	1.83	1.85	1.63	1.63	1.64
q. Skewness	0.96	0.92	1.03	1.04	1.00	1.04	1.01	0.99
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals (%)~~ Q_1	0.979	0.717	1.042	0.993	1.079	0.920	0.785	0.927
~~u. Secondary Minerals (%)~~ Q_2	0.390	0.250	0.354	0.295	0.521	0.346	0.295	0.342
v. Calcium Carbonate (%)	98.9	99.2	98.7	98.6	99.1	98.3	99.4	99.5
w. Organic Carbon (%)	0.73	0.65	0.53	0.71	0.64	0.60	0.82	0.64

11. REMARKS

MGG09005006

OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick
DATE May, 1964

CRUISE NO. _____

Item 214

1. DATE TAKEN (Day, Mo., Yr.)	8, III, 64	8, III, 64	8, III, 64	8, III, 64	8, III, 64	8, III, 64	8, III, 64	8, III, 64
2. SAMPLE NO.	97	98	99	100	101	102	103	104
3. LABORATORY NO.								
4. LATITUDE N	24°15'	24°15'	24°15'	24°15'	24°20'	24°20'	24°20'	24°28'
5. LONGITUDE W	76°45'	76°50'	76°55'	77°00'	77°00'	76°55'	76°50'	76°45.9'
6. WATER DEPTH (m)	5.2	5.2	4.6	4.6	5.2	5.8	7.0	2.7
7. TYPE SAMPLER	Orange Peel →	→	→	→	→	→	→	→
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	10YR8/2 [L]	10YR8/2 to [L] 5YR4/4	10YR8/2 [L]	10YR8/2 [L]	10YR8/2 [L]	10YR8/2 [L]	10YR8/2 [L]	5Y8/1 [L]
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)								
b. 4 to 2 mm (%)	3.08	10.60	13.78	6.66	8.20	2.43	0.46	0.78
c. 2 to 1 mm (%)	15.21	27.71	34.06	37.10	15.32	22.83	9.00	5.37
d. 1 to .500 mm (%)	37.12	35.79	33.76	36.32	30.93	39.55	32.56	24.50
e. .500 to .250 mm (%)	30.12	16.45	9.29	18.40	33.64	23.92	39.82	36.10
f. .250 to .125 mm (%)	11.54	5.56	2.43	5.89	9.92	8.85	15.36	19.88
g. .125 to .062 mm (%)	1.86	1.97	0.78	0.76	1.07	1.25	1.69	7.80
h. .062 to .031 mm (%)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.77
i. .031 to .016 mm (%)								1.01
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	1.06	1.91	0.91	0.93	0.93	1.15	1.10	0.76
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)								0.13
n. < .001 mm (%)								1.89
o. Median Diameter (mm)	0.551	0.812	1.057	0.807	0.547	0.651	0.438	0.349
p. Sorting Coefficient	1.60	1.64	1.53	1.59	1.67	1.60	1.52	1.27
q. Skewness	0.98	0.99	0.97	0.97	1.06	0.97	1.00	0.94
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals (%)~~ Q1	0.864	1.329	1.569	1.240	0.972	1.007	0.669	0.566
~~u. Secondary Minerals (%)~~ Q3	0.337	0.493	0.669	0.493	0.349	0.395	0.289	0.196
v. Calcium Carbonate (%)	99.1	98.8	98.4	99.0	98.8	98.8	98.3	99.1
w. Organic Carbon (%)	0.66	0.83	0.77	0.55	0.58	0.69	0.66	0.61

11. REMARKS

MG09005006

OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick

DATE May 1964

CRUISE NO. _____ Item 214

1. DATE TAKEN (Day, Mo., Yr.)	9, III, 64	9, III, 64	9, III, 64	9, III, 64	9, III, 64	9, III, 64	9, III, 64	9, III, 64
2. SAMPLE NO.	105	106	107	108	109	110	111	112
3. LABORATORY NO.								
4. LATITUDE N	24°25'	24°25'	24°20'	24°15'	24°15'	24°20'	24°25'	24°30'
5. LONGITUDE W	77°00'	77°05'	77°05'	77°05	77°10'	77°10'	77°10'	77°10'
6. WATER DEPTH (m)	5.2	5.5	5.2	4.6	6.4	7.3	6.7	6.1
7. TYPE SAMPLER	Orange Peel →	→	→	→	→	→	→	→
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	10YR8/2 to [L] 5YR4/4	10YR8/2 to [L] 5YR4/4	10YR8/2 to [L] 5YR4/4	10YR8/2 [L]	10YR8/2 to [L] 5YR4/4	10YR8/2 [L]	10YR8/2 to [L] 5YR4/4	10YR8/2 [L]
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)								
b. 4 to 2 mm (%)	2.49	1.24	7.88	17.97	12.01	9.55	3.35	5.19
c. 2 to 1 mm (%)	20.60	18.80	22.02	26.87	33.03	24.20	22.22	18.43
d. 1 to .500 mm (%)	43.03	27.05	28.37	30.20	29.39	39.22	40.54	35.49
e. .500 to .250 mm (%)	26.71	37.37	26.48	16.53	15.70	20.13	26.22	28.42
f. .250 to .125 mm (%)	5.16	22.45	11.71	5.88	5.99	5.05	5.30	10.85
g. .125 to .062 mm (%)	0.78	1.94	2.27	1.51	1.90	0.58	0.63	1.21
h. .062 to .031 mm (%)	96.76	97.16	96.65	96.98	96.01	99.18	94.91	93.40
i. .031 to .016 mm (%)								
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	1.22	1.16	1.28	1.03	1.97	1.30	1.75	1.39
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)								
n. < .001 mm (%)								
o. Median Diameter (mm)	0.651	0.403	0.616	0.914	0.889	0.768	0.660	0.582
p. Sorting Coefficient	1.51	1.61	1.82	1.81	1.70	1.62	1.55	1.64
q. Skewness	0.99	0.99	1.00	0.99	0.95	1.01	0.99	0.99
r. Standard Deviation (mm)								
s. Sediment Type								
t. ~~Dominant Minerals (%)~~ Q_1	0.972	0.646	1.125	1.636	1.434	1.257	1.014	0.946
u. ~~Secondary Minerals (%)~~ Q_3	0.423	0.248	0.339	0.500	0.496	0.480	0.423	0.349
v. Calcium Carbonate (%)	98.4	99.0	98.3	99.4	97.9	98.7	98.5	98.6
w. Organic Carbon (%)	0.81	0.63	0.76	0.50	0.99	0.70	0.86	0.77

11. REMARKS

MG3090050 06

OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick
DATE May, 1964

CRUISE NO. _____

Item 214

1. DATE TAKEN (Day, Mo., Yr.)	9, III, 64	9, III, 64	9, III, 64	9, III, 64	10, III, 64	10, III, 64	10, III, 64	10, III, 64
2. SAMPLE NO.	113	114	115	116	117	118	119	120
3. LABORATORY NO.								
4. LATITUDE N	24° 30'	24° 30'	24° 35'	24° 40'	24° 45'	24° 45'	24° 40'	24° 35'
5. LONGITUDE W	77° 05'	77° 00'	77° 00'	77° 00'	77° 00'	77° 05'	77° 05'	77° 05'
6. WATER DEPTH (m)	5.5	5.5	4.6	5.8	5.8	5.2	4.9	4.0
7. TYPE SAMPLER	Orange Peel →	→	→	→	→	→	→	→
8. COLOR (GSA Rock Color Charts) F FIELD L LAB DETERMINATION	10YR8/2 L	10YR8/2 L	10YR8/2 L	10YR8/2 L	10YR8/2 L	10YR8/2 L	10YR8/2 L	10YR8/2 L
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)								
b. 4 to 2 mm (%)	2.67	2.03	5.90	1.17	2.60	1.14	4.76	7.57
c. 2 to 1 mm (%)	14.33	16.07	28.44	17.46	18.71	18.28	22.77	33.33
d. 1 to .500 mm (%)	32.42	44.22	33.81	35.20	33.37	34.06	34.31	40.27
e. .500 to .250 mm (%)	38.23	31.13	18.36	28.46	31.06	29.39	27.06	12.06
f. .250 to .125 mm (%)	12.70	4.90	8.87	15.06	11.30	14.29	9.30	4.00
g. .125 to .062 mm (%)	1.42	0.37	3.00	1.38	1.39	1.81	0.90	1.45
h. .062 to .031 mm (%)	96.10	96.69	94.48	97.56	95.93	97.63	94.34	97.11
i. .031 to .016 mm (%)								
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	1.23	1.27	1.63	1.28	1.58	1.02	0.90	1.33
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)								
n. < .001 mm (%)								
o. Median Diameter (mm)	0.473	0.603	0.737	0.532	0.547	1.072	0.628	0.870
p. Sorting Coefficient	1.55	1.46	1.71	1.66	1.66	1.67	1.67	1.50
q. Skewness	1.02	0.99	0.94	0.97	1.01	0.98	1.00	0.99
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals (%)~~ Q_1	0.753	0.877	1.181	0.859	0.920	1.753	1.057	1.292
~~u. Secondary Minerals (%)~~ Q_2	0.312	0.409	0.403	0.310	0.334	0.628	0.376	0.570
v. Calcium Carbonate (%)	99.0	98.2	99.4	98.8	98.4	98.7	99.2	98.8
w. Organic Carbon (%)	0.68	0.37	0.45	0.62	0.56		0.63	0.79

11. REMARKS

MG09005006

OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick
DATE May, 1964

CRUISE NO. _____ Item 214

1. DATE TAKEN (Day, Mo., Yr.)	10, III, 64	10, III, 64	10, III, 64	10, III, 64	10, III, 64	10, III, 64	10, III, 64	10, III, 64
2. SAMPLE NO.	121	122	123	124	125	126	127	128
3. LABORATORY NO.								
4. LATITUDE N	24°35'	24°40'	24°45'	24°45'	24°50'	24°50'	24°55'	24°55'
5. LONGITUDE (W)	77°10'	77°10'	77°10'	77°15'	77°10'	77°15'	77°10'	77°15'
6. WATER DEPTH (m)	5.8	5.5	5.2	5.8	4.6	4.0	4.8	5.2
7. TYPE SAMPLER	Orange Peel →	→	→	→	→	→	→	→
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	10YR8/2 to [L] 5YR4/4	10YR8/2 [L]	10YR8/2 to [L] 5YR4/4	10YR8/2 to [L] 5YR4/4	10YR8/2 to [L] 5YR4/4	10YR8/2 [L]	10YR8/2 [L]	10YR8/2 [L]
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)								
b. 4 to 2 mm (%)	5.08	5.90	7.15	5.86	7.13	5.72	9.34	7.14
c. 2 to 1 mm (%)	33.09	17.92	16.68	9.83	26.77	22.82	24.31	17.78
d. 1 to .500 mm (%)	40.87	31.47	30.28	24.63	44.02	38.93	36.27	33.08
e. .500 to .250 mm (%)	20.51	26.43	33.67	40.62	15.43	21.99	16.54	37.55
f. .250 to .125 mm (%)	6.68	14.91	10.43	16.09	4.07	8.82	5.72	11.91
g. .125 to .062 mm (%)	1.98	2.23	1.06	1.75	1.16	0.85	1.26	1.52
h. .062 to .031 mm (%)								
i. .031 to .016 mm (%)								
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	1.77	1.12	0.76	0.25	1.39	0.87	1.55	1.04
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)								
n. < .001 mm (%)								
o. Median Diameter (mm)	0.702	0.566	0.547	0.436	0.790	0.688	0.812	0.490
p. Sorting Coefficient	1.60	1.77	1.67	1.62	1.50	1.62	1.61	1.55
q. Skewness	0.97	0.97	1.06	1.06	0.99	0.98	0.99	1.01
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals (%)~~ Q_1	1.087	0.972	0.966	0.747	1.189	1.087	1.301	0.774
~~u. Secondary Minerals (%)~~ Q_2	0.426	0.310	0.346	0.283	0.528	0.415	0.500	0.319
v. Calcium Carbonate (%)	97.8	99.0	99.3	98.6	98.7	98.8	99.0	99.4
w. Organic Carbon (%)		0.69	0.81	1.69	0.80	0.60	1.06	0.51

11. REMARKS (14.25)

MG09005006

OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick

DATE May, 1964

CRUISE NO. _____ Item 214

1. DATE TAKEN (Day, Mo., Yr.)	10, III, 64	16, III, 64	16, III, 64	16, III, 64	16, III, 64	16, III, 64	16, III, 64	16, III, 64
2. SAMPLE NO.	129	130	131	132	133	134	135	136
3. LABORATORY NO.	2							
4. LATITUDE	25°00'	24°50'	24°45'	24°45'	24°50'	24°55'	24°55'	24°57.8'
5. LONGITUDE	77°15'	77°20'	77°20'	77°25'	77°25'	77°30'	77°25'	77°25.3'
6. WATER DEPTH (m)	6.7	4.6	6.1	6.4	6.1	4.6	3.3	2.7
7. TYPE SAMPLER	Orange Peel →	→	→	→	→	→	→	→
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	10YR8/2 [L]	10YR8/2 [L]	10YR8/2 [L]	10YR8/2 [L]	10YR8/2 to 5YR4/4 [L]	10YR8/2 to N6 [L]	10YR8/2 to 5YR4/4 [L]	10YR8/2 to 5YR4/4 [L]
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)						*		
b. 4 to 2 mm (%)	1.61	3.42	2.61	4.74	3.86	7.26	9.31	5.72
c. 2 to 1 mm (%)	8.77	7.88	10.63	25.38	15.53	19.94	13.33	16.69
d. 1 to .500 mm (%)	29.31	37.75	28.71	42.56	37.03	30.57	34.25	36.46
e. .500 to .250 mm (%)	44.40	30.22	40.08	26.93	28.31	34.67	25.54	34.01
f. .250 to .125 mm (%)	11.68	6.77	15.13	7.85	12.66	11.51	12.00	5.13
g. .125 to .062 mm (%)	2.72	2.12	1.57	0.73	1.77	1.30	2.96	0.84
h. .062 to .031 mm (%)	6.82	4.15	6.17	3.45	6.58	3.19	4.98	3.12
i. .031 to .016 mm (%)								
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	1.57	1.84	1.08	1.82	0.83	0.75	2.57	1.16
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)								
n. < .001 mm (%)								
o. Median Diameter (mm)	0.432	0.582	0.444	0.611	0.566	0.514	0.574	0.582
p. Sorting Coefficient	1.49	1.58	1.58	1.55	1.63	1.67	1.73	1.57
q. Skewness	1.03	1.00	1.03	0.97	0.96	1.06	0.96	1.04
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals (%)~~ Q1	0.669	0.927	0.727	0.920	0.889	0.914	0.953	0.953
~~u. Secondary Minerals (%)~~ Q2	0.299	0.371	0.291	0.384	0.332	0.328	0.316	0.387
v. Calcium Carbonate (%)	99.1	99.2	98.9	98.7	98.8	98.5	99.0	99.4
w. Organic Carbon (%)	0.52	0.66	0.56	0.99	0.58	0.47	0.74	0.54

11. REMARKS

OCEANOGRAPHIC LOG SHEET-R
PRNC-NAVOCEANO-3167/18 (Rev. 4-63)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Dick
DATE May, 1964

CRUISE NO. _____ Item 214

1. DATE TAKEN (Day, Mo., Yr.)	16, III, 64	16, III, 64	16, III, 64	16, III, 64				
2. SAMPLE NO.	137	138	139	140	138	139	140	
3. LABORATORY NO.								
4. LATITUDE N	24°55'	24°40'	24°40'	24°35'				
5. LONGITUDE W	77°20'	77°20'	77°15'	77°15				
6. WATER DEPTH (m)	3.7							
7. TYPE SAMPLER	Orange Peel →	→	→	→				
8. COLOR (GSA Rock Color Charts) [F] FIELD [L] LAB DETERMINATION	10YR8/2 [F] 5YR4/4 [L]	5Y7/2 [L]	5Y7/2 [L]	5Y7/2 [L]				
9. ODOR								
10. SIZE & COMPOSITION ANALYSIS								
a. > 4mm mm (%)								
b. 4 to 2 mm (%)	1.46	~~2.17~~	~~1.35~~	~~1.68~~	8.51	2.92	3.01	
c. 2 to 1 mm (%)	12.12	~~5.27~~	~~5.29~~	~~6.11~~	26.39	12.30	16.20	
d. 1 to .500 mm (%)	37.95	~~11.41~~	~~14.12~~	~~19.27~~	36.52	29.85	36.25	
e. .500 to .250 mm (%)	31.14	~~6.77~~	~~19.64~~	~~17.94~~	21.58	40.27	33.75	
f. .250 to .125 mm (%)	10.85	~~1.62~~	~~3.16~~	~~4.53~~	3.44	10.78	8.52	
g. .125 to .062 mm (%)	4.53	~~6.12~~	~~6.19~~	~~6.46~~	0.38	1.56	0.87	
h. .062 to .031 mm (%)	96.59							
i. .031 to .016 mm (%)								
j. .016 to .008 mm (%)								
k. .008 to .004 mm (%)	1.95				3.19	2.32	1.41	
l. .004 to .002 mm (%)								
m. .002 to .001 mm (%)								
n. < .001 mm (%)								
o. Median Diameter (mm)	1.014							
p. Sorting Coefficient	1.58							
q. Skewness	0.97							
r. Standard Deviation (mm)								
s. Sediment Type								
~~t. Dominant Minerals (%)~~ Q1	1.548		not	coded				
~~u. Secondary Minerals (%)~~ Q2	0.620							
v. Calcium Carbonate (%)	98.9	98.2	97.2	98.3				
w. Organic Carbon (%)	0.90							

11. REMARKS