NOTES:

1. COORDINATES ARE IN FEET BASED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE NORTH AMERICAN DATUM OF 1983 (NAD 83).
2. AERIAL PHOTOGRAPHY PROVIDED BY MICROSOFT VIRTUAL EARTH.
3. HISTORIC BATHYMETRY BASE DATA PROVIDED BY U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA), NATIONAL GEOPHYSICAL DATA CENTER (NGDC).

LEGEND:

- 1992 ARMY CORPS OF ENGINEERS VIBRACORE LOCATIONS
- HISTORICAL NOAA BATHYMETRY (FT)
- 184 ACOE MONUMENTS

0 1,000 2,000 Feet

1 inch = 2,000 feet

N

TITLE:

U.S. ARMY CORPS OF ENGINEERS
1992 VIBRACORE LOCATIONS
CITY OF LONG BEACH
LONG ISLAND, NEW YORK

COASTAL PLANNING & ENGINEERING, INC
2481 NW BOCA RATON BLVD.
BOCA RATON, FL 33431
PH. (561) 391-8102
FAX.(561) 391-9116

DATE: 07/10/09	BY: HMV	COMM NO: 7350.00	

G:\NewYork\735000_LONG_BEACH_COASTAL_PROTECTION_STUDY\1_MXD\ACOE_CORES_072809.mxd

Army Corps Borrow Area Core Sample Analysis

Long Beach, NY

CORE #	SAMPLE	RANGE	MEDIAN GRAIN SIZE	
			PHI 50	(mm)
C-1	S-11	9'1"-19'5"	1.86	0.28
C-2	S-12	0-19'1"	2.42	0.19
C-2	S-13	0-8'-1"	2.30	0.20
C-2	S-14	8'1"-14' 7"	2.90	0.13
C-2	S-15	14'7"-19'1"	2.56	0.17
C-3	S-16	0-20'	1.32	0.40
C-3	S-17	0-10'	2.10	0.23
C-3	S-18	10-20'	0.90	0.54
C-4	S-1	0-20'	1.79	0.29
C-4	S-2	0-3'	0.30	0.81
C-4	S-3	3-10'	2.14	0.23
C-4	S-4	10-20'	1.60	0.33
C-5	S-5	0-19'5"	2.28	0.21
C-5	S-6	0-4'3"	2.20	0.22
C-5	S-7	4'3"-19'5"	2.25	0.21
C-6	S-19	0-18'	1.79	0.29
C-6	S-20	0-8'	1.68	0.31
C-6	S-21	8-18'	1.86	0.28
C-7	S-22	0-19.9'	2.08	0.24
C-7	S-23	0-15'	2.40	0.19
C-7	S-24	15-19.9'	2.26	0.21
C-8A	S-48	0-19.9'	1.71	0.31
C-8A	S-49	0-10'	2.02	0.25
C-8A	S-50	10-15'	2.18	0.22
C-8A	S-51	15-19.9'	1.06	0.48
C-9	S-25	0-19.9'	2.15	0.23
C-9	S-26	0-7.5'	1.10	0.47
C-9	S-27	7.5-12.5'	2.70	0.15
C-9	S-28	12.5-19.9'	2.00	0.25
C-10	S-29	0.17'	1.50	0.35
C-10	S-30	0-8'	2.25	0.21
C-10	S-31	8-17'	0.73	0.60
C-11	S-32	0-19.3'	0.92	0.53
C-11	S-33	0-4'	0.17	0.89
C-11	S-34	4-12.5'	1.47	0.36
C-11	S-35	12.5-19.3'	1.89	0.27
C-12	S-36	0-19.3'	2.14	0.23
C-12	S-37	0-9.5'	2.34	0.20
C-12	S-38	9.5-19.3'	2.00	0.25
C-13	S-39	0-18.4'	1.52	0.35
C-13	S-40	0-10'	1.75	0.30
C-13	S-41	10-13.4'	1.80	0.29
C-14	S-42	0-13.7'	0.36	0.78
C-14	S-43	0-10'	0.85	0.55
C-14	S-44	10-13.7'	0.91	0.53
C-15	S-45	0-19.8'	2.40	0.19
C-15	S-46	0-10'	1.94	0.26
C-15	S-47	10-19.8'	2.41	0.19

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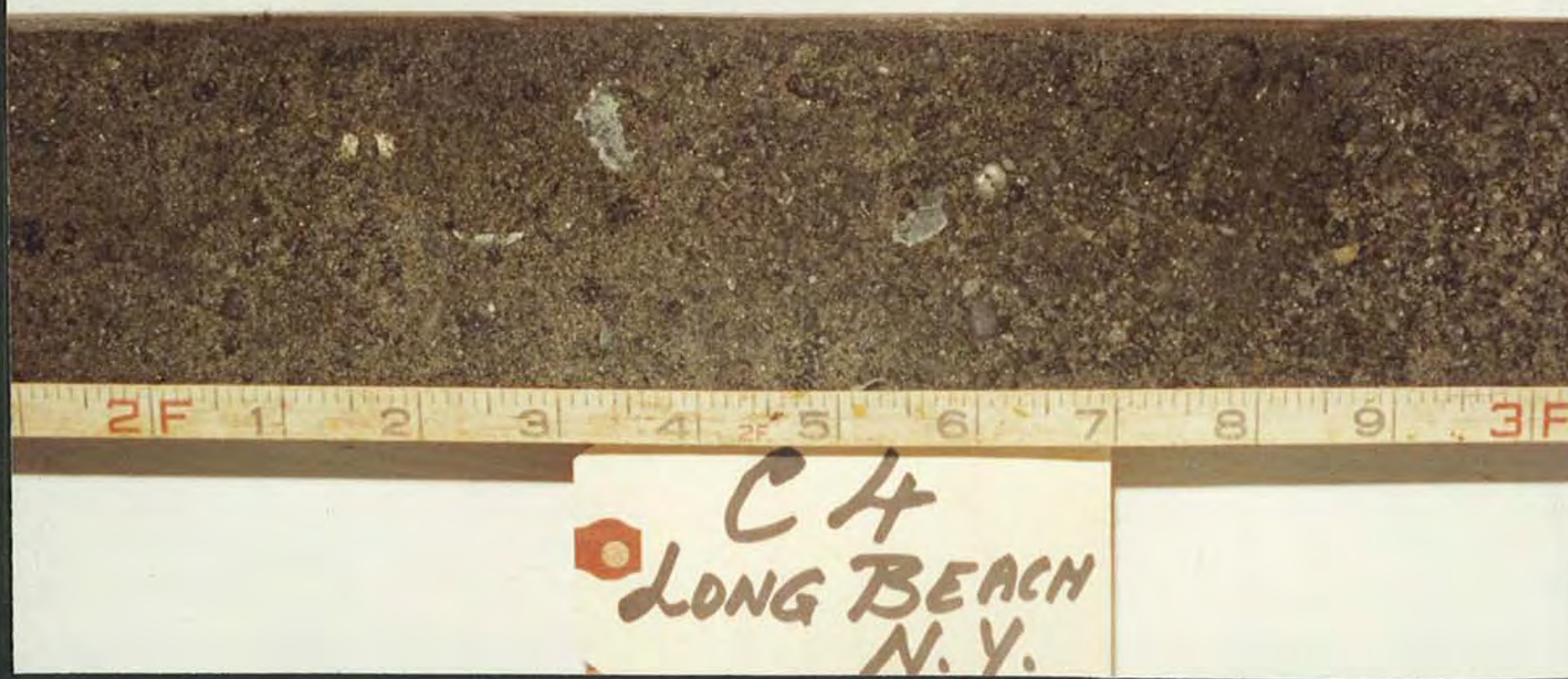

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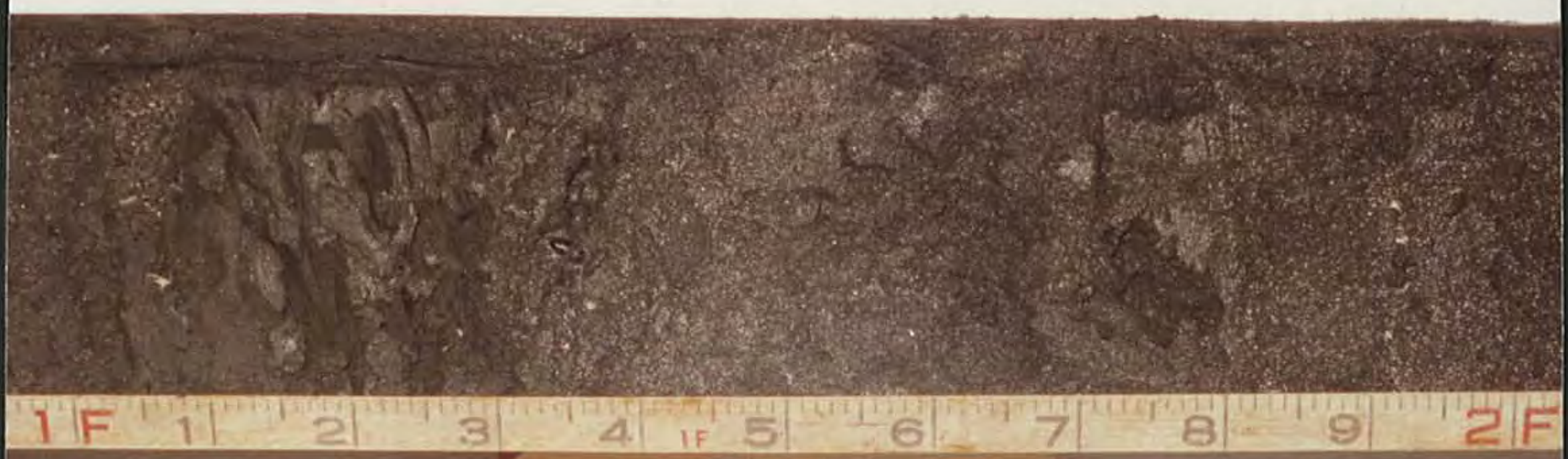

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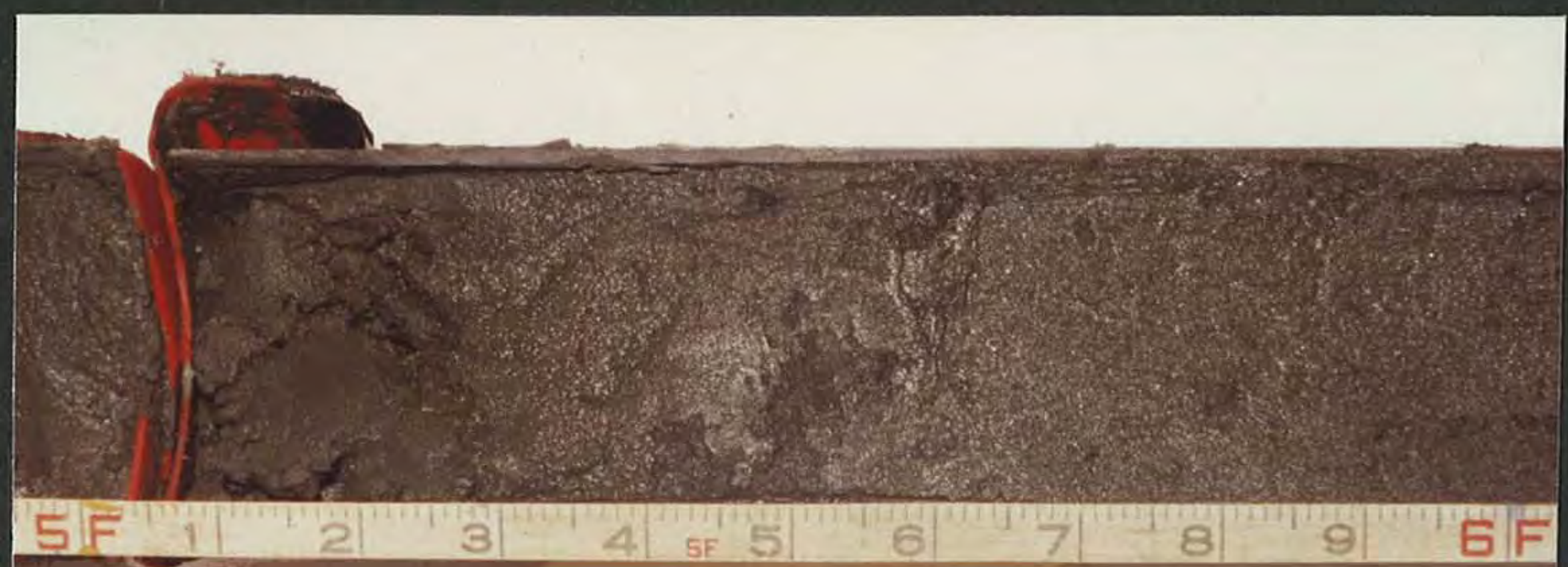
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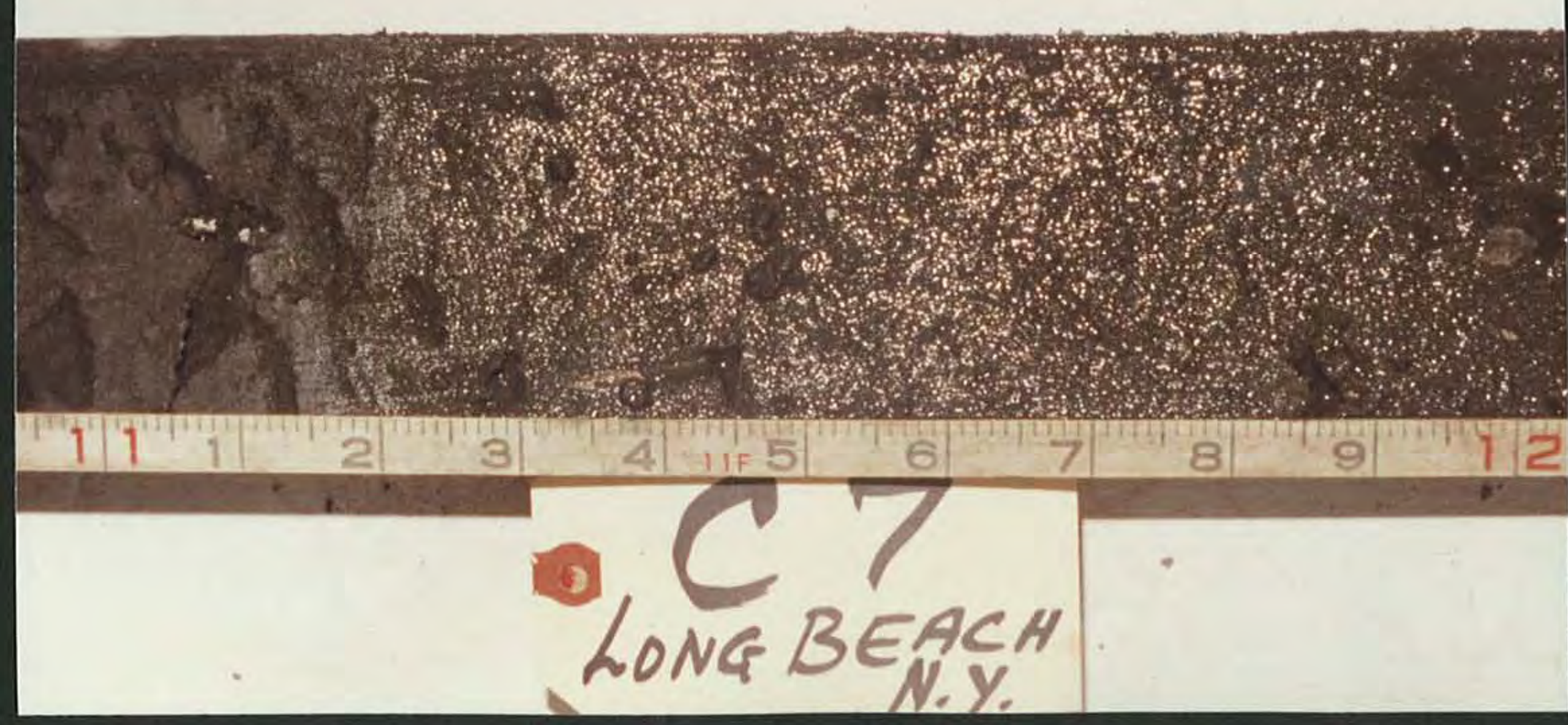
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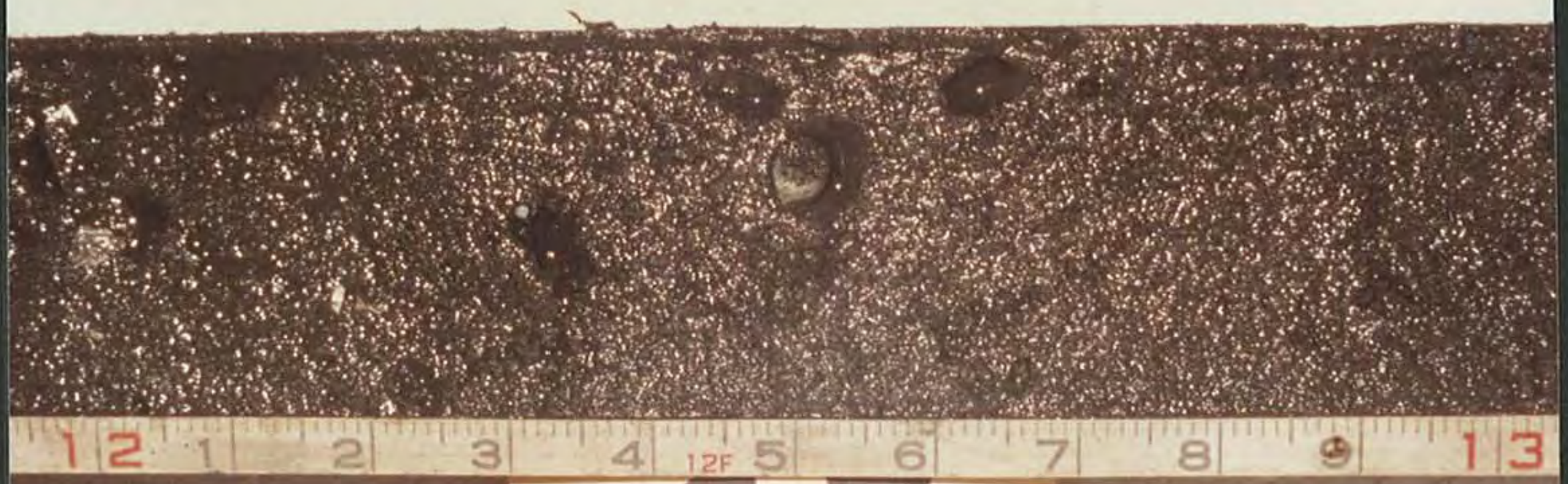

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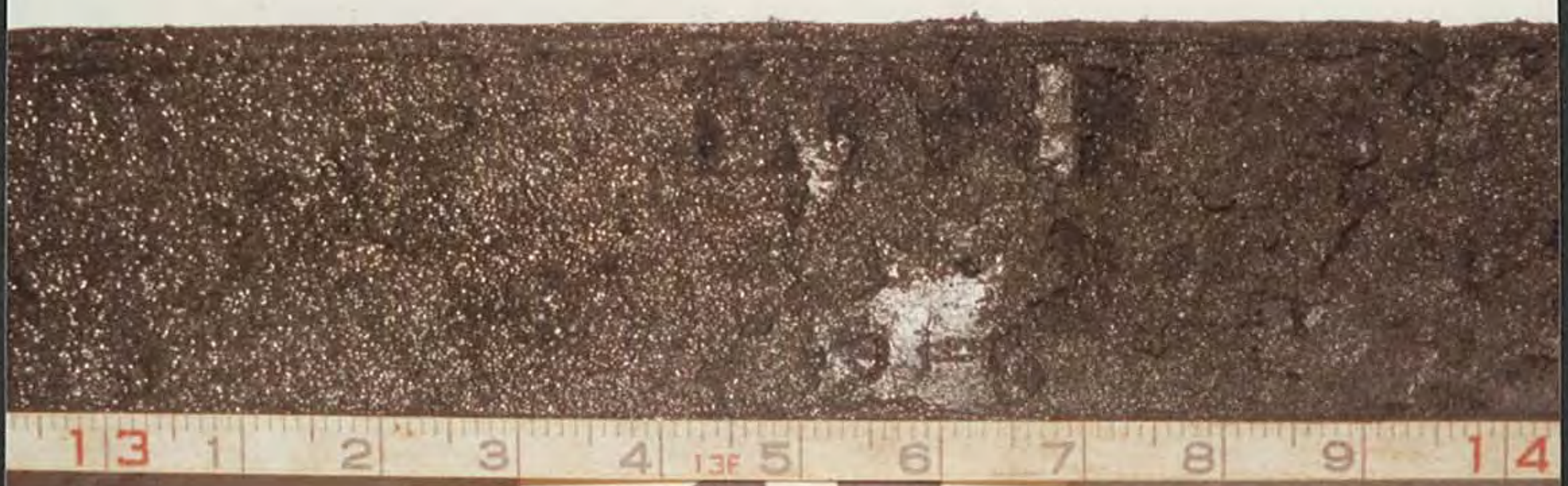

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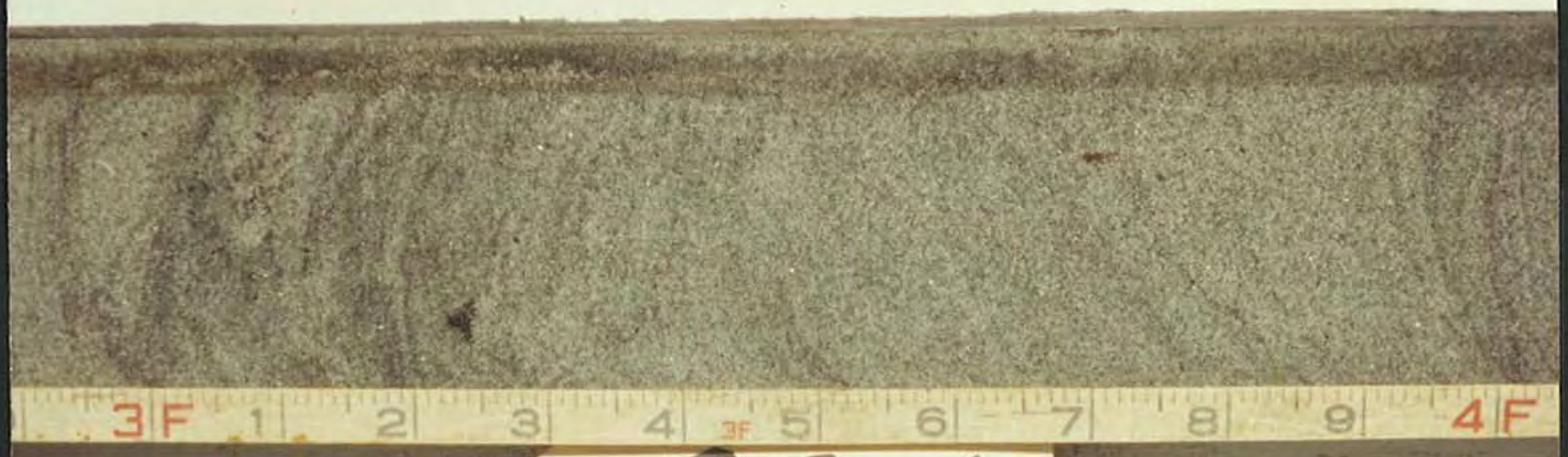

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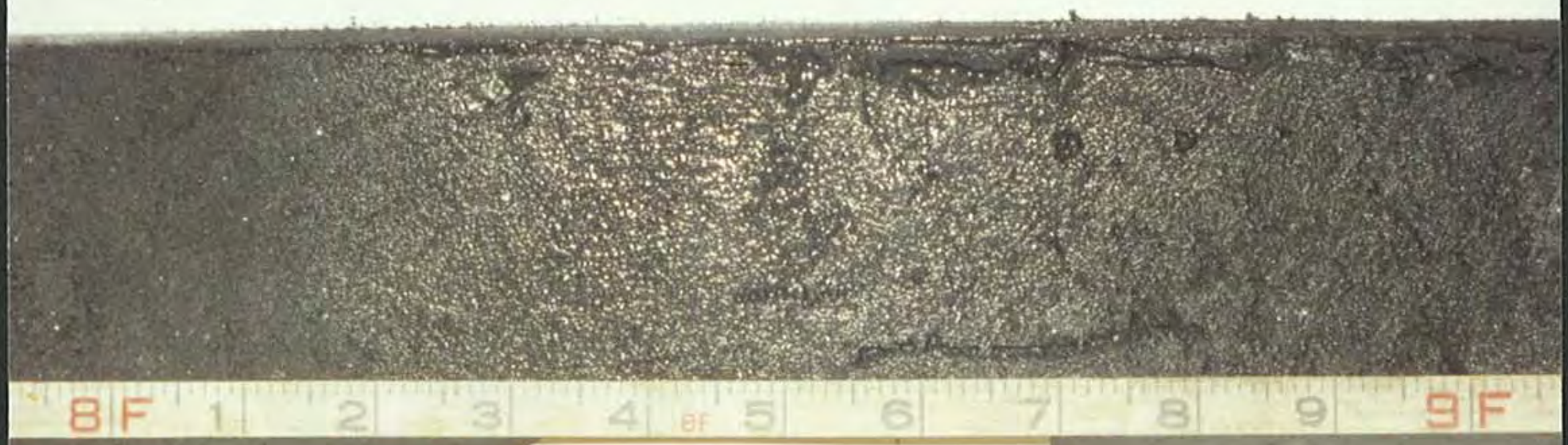

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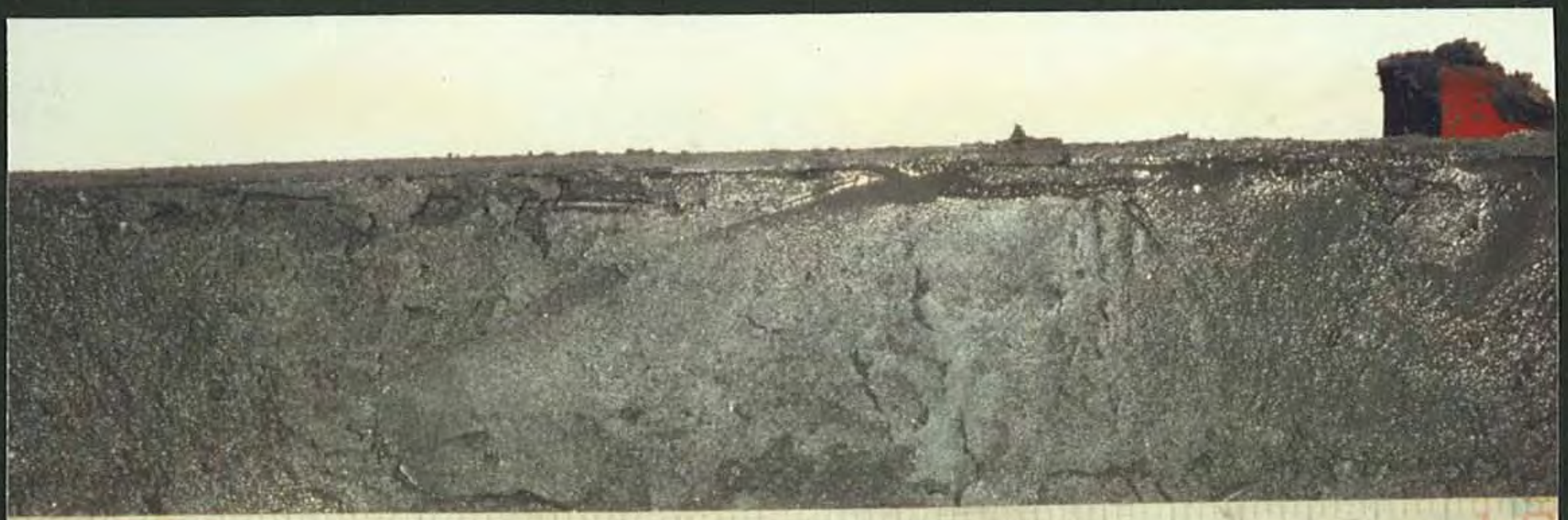

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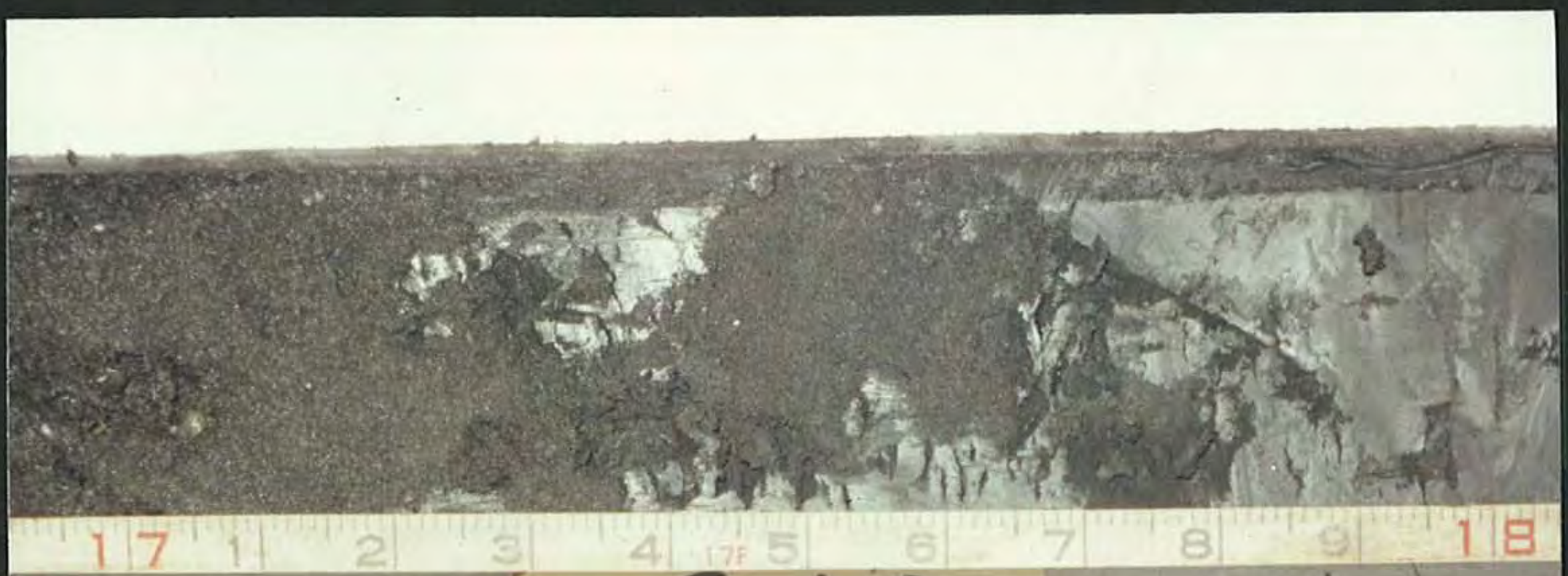

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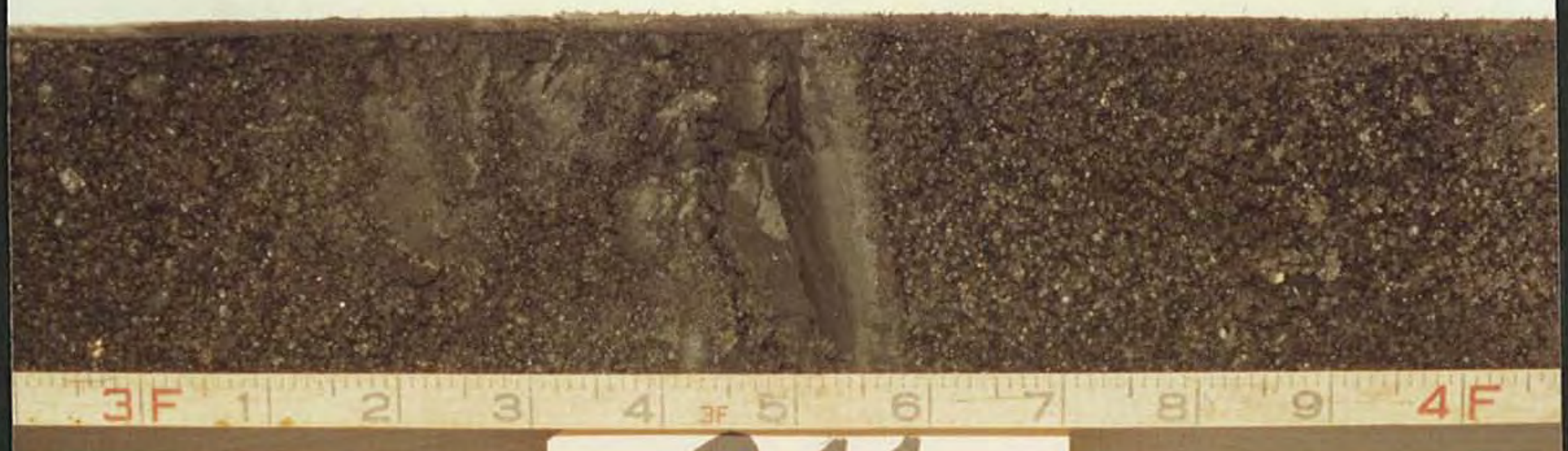

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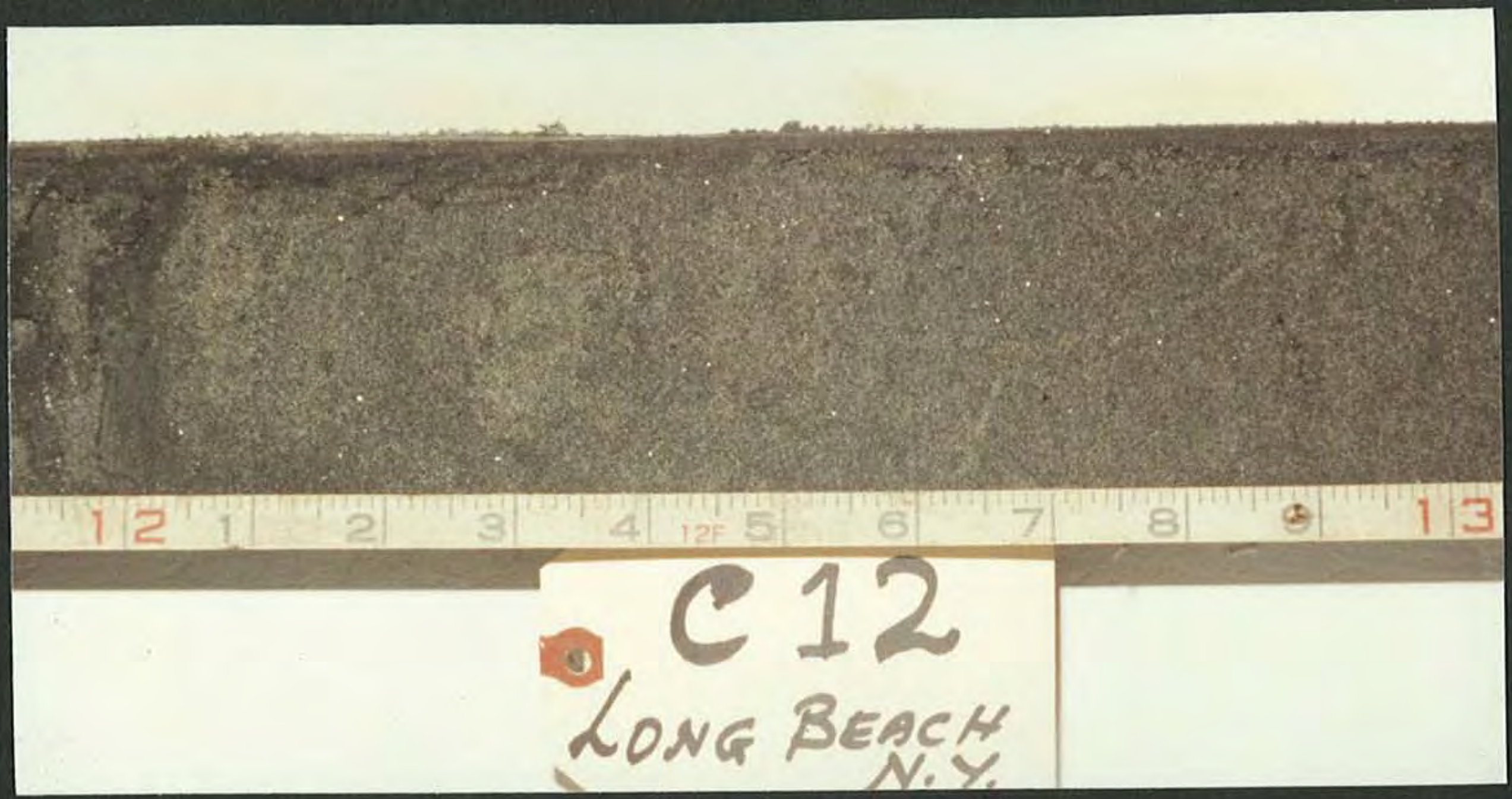

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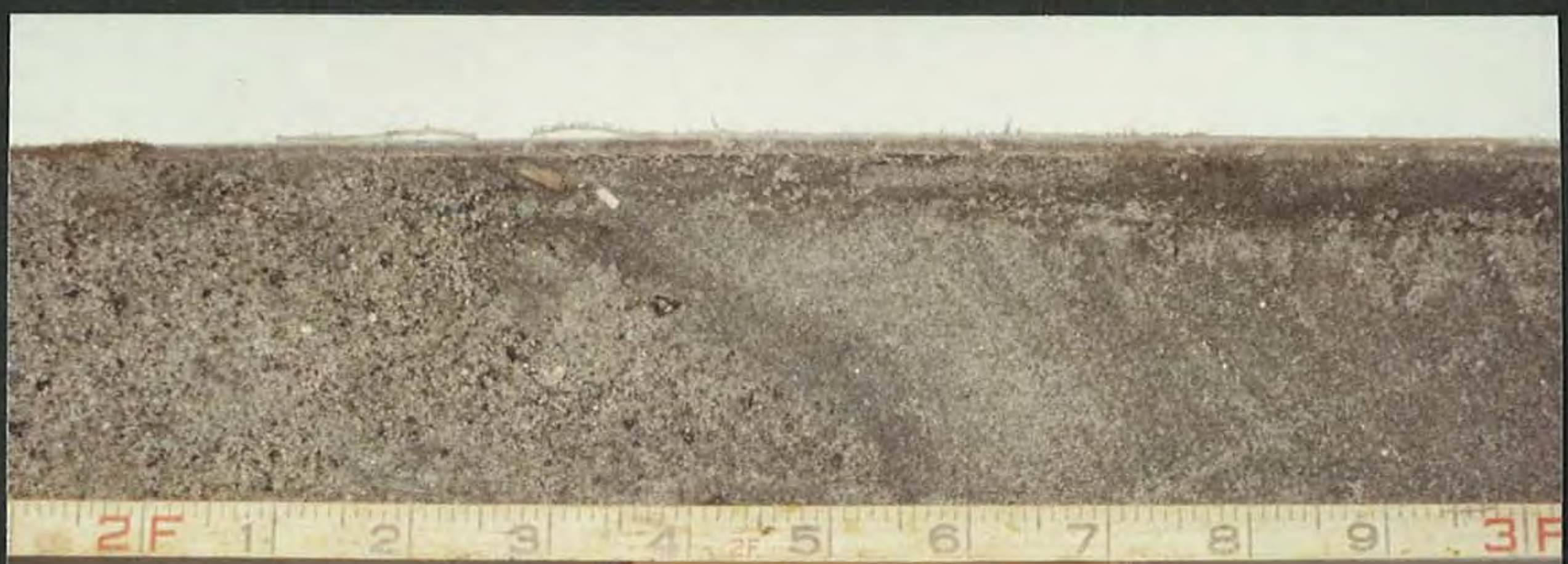

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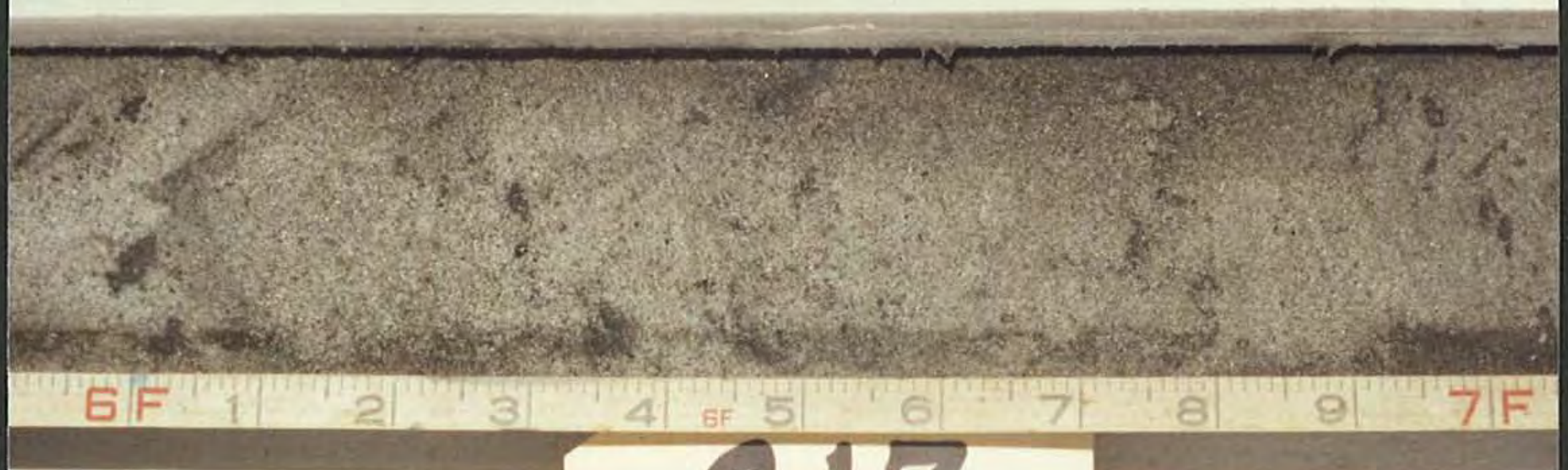

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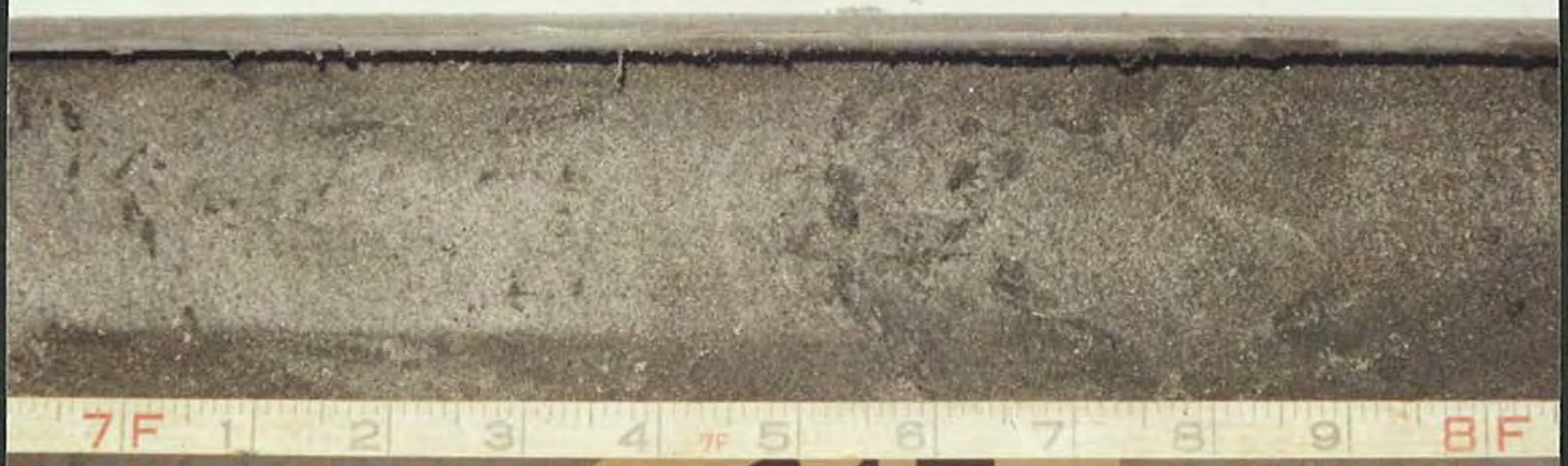

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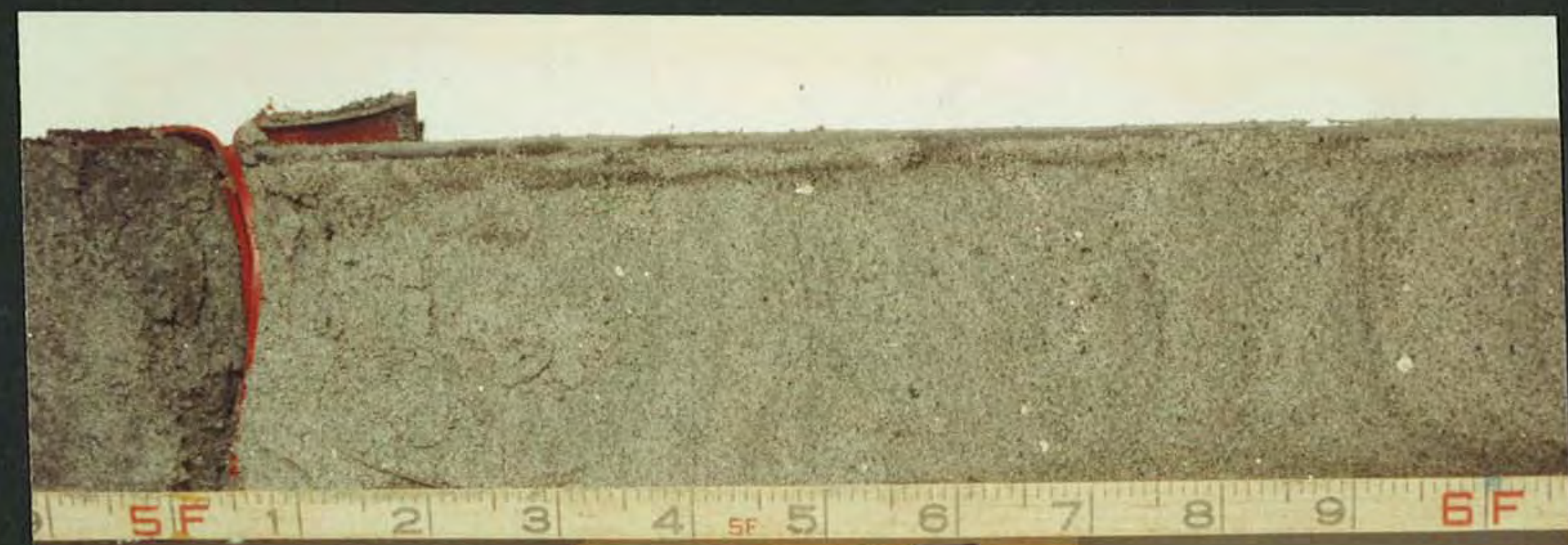

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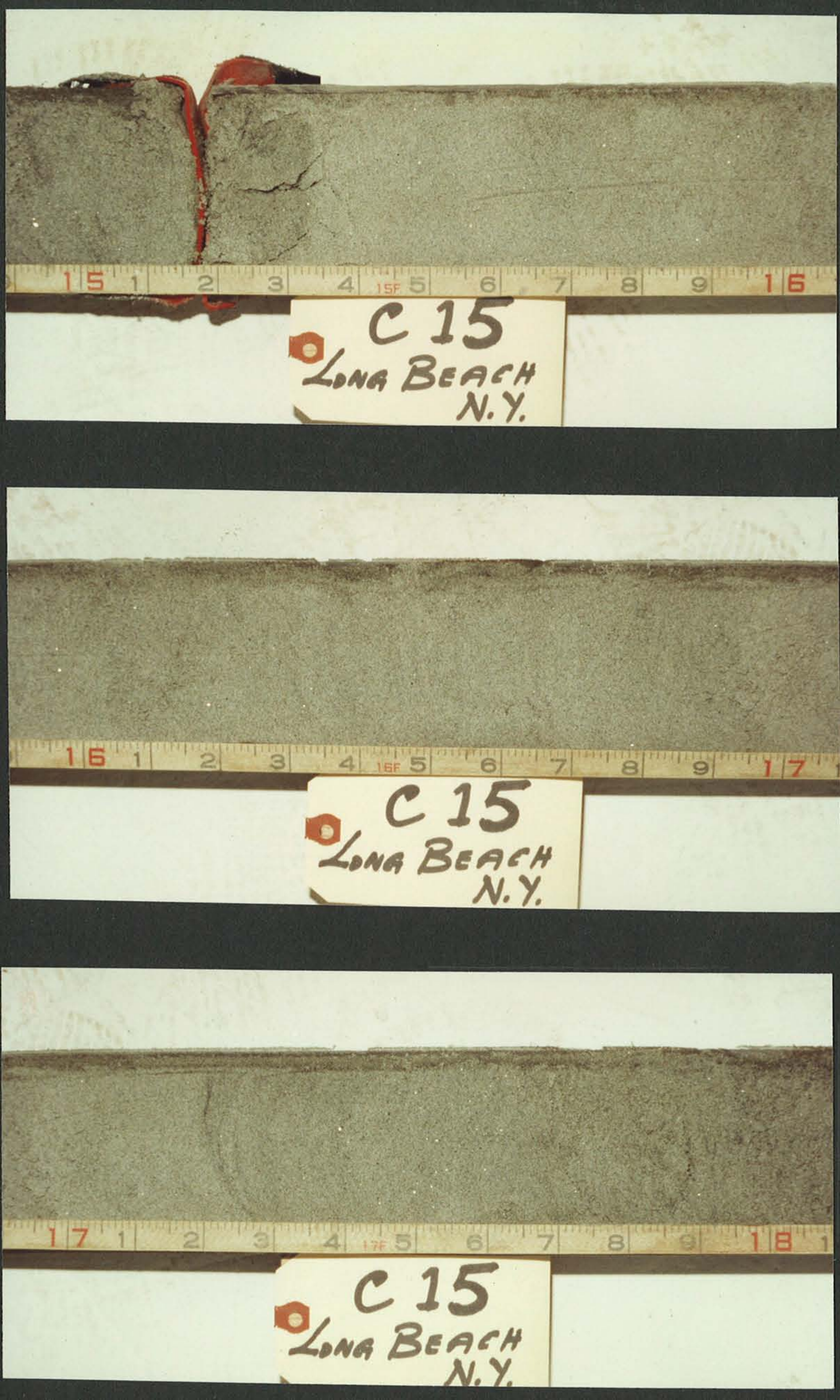
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