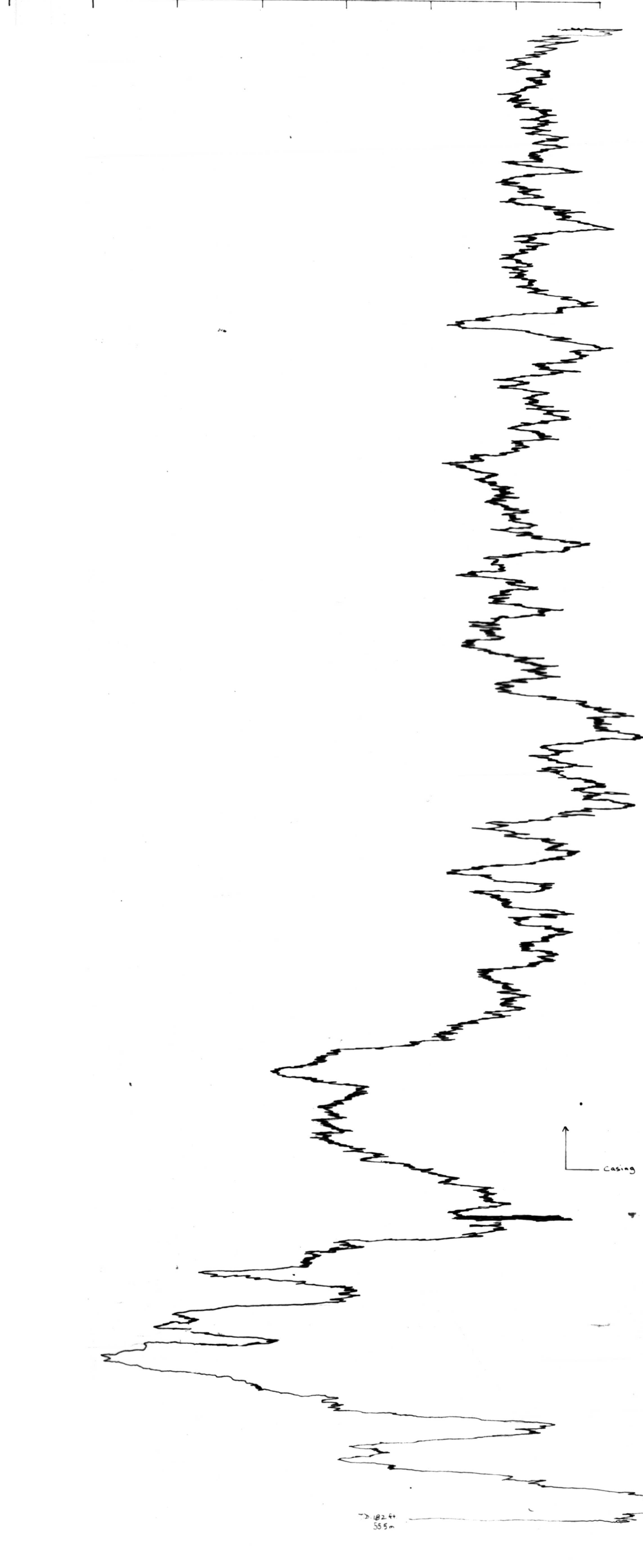


Natural Gamma
Counts per second scale

0 50



9-1 Type Log: 0-15 ft cuttings, 15 ft to 184 ft core.

5540 ft surface elevation
1285.5 m

Undifferentiated soil and alluvium

Sandstone, medium, gray, heavy limonite stain and weathered,
crystals of gypsum 7-8 mm at 2-9 ft

Mudstone, brown, lignite streaks

Core not recovered

Sandstone, tan, fine grained with limonite stain

Mudstone, gray, carbonaceous material on top of 10 ft

Sandstone, tan, coarse grained, irregular

Mudstone, gray, carbonaceous clay, irregular

Core not recovered

Mudstone, gray, limonite and gypsum streaks

Core not recovered

Mudstone, gray, limonite streaks

Mudstone, gray, lower part interbedded sand and gray

Sandstone, coarse grained, limonite stains 0.15 ft carbonaceous zone at 37.2 ft

Mudstone, carbonaceous, gray, irregular

Mudstone, gray, with interbedded sandstone, limonite stain

Mudstone, gray, irregular

Core not recovered

Sandstone, tan, with interbedded mudstone

Core not recovered

Sandstone, tan, fine-grained, gray, fine

Sandstone with interbedded gypsum

Mudstone with some fine-grained sandstone

Core not recovered

Lignite, with interbedded shale at top and bottom

Mudstone, with some interbedded sandstone increasing to bottom

Mudstone, gray, carbonaceous plant material scattered throughout

Siltstone, tan, cross-bedded, limonite, gray

Sandstone, gray, coarse and heavy, irregular

Mudstone, gray, carbonaceous, plant material at base and top

Mudstone, 60 degree fracture at 80.2 ft

Siltstone, gray

Mudstone, gray, scattered carbonaceous plant material scattered at 81.5 ft - 20 degrees

Siltstone, gray, abundant, scattered (apparent normal 40 degrees)

Mudstone, with interbedded sandstone, some carbonaceous plant material in the sandy areas, bottom 6.5 feet, irregular

Mudstone, gray, brown at 84 ft, carbonaceous plant material, irregular to 85 ft

Core not recovered

Mudstone, gray, carbonaceous plant material, 45 degree fracture at 117.8 ft and 118.0 ft

Siltstone, gray, irregular, bedding, carbonaceous plant material, sand

Bottom, gray

Sandstone, medium to coarse, gray, coarse grained, irregular, plant material

Irregular, carbonaceous zone at 129.0 ft, 129.5 ft, 133.7 ft

Mudstone, gray, carbonaceous plant material, some with green stain

Lignite, brown, (dark and light) no significant parting, some

some yellow

Sandstone, gray, with lignite streaks at 172.07 ft - 0.15 ft, 172.52 ft - 0.05 ft, 172.97 ft - 1.24

Lignite

Mudstone, gray, irregular, but at base, plant material present

Lignite, some, lignite alternating with sandstone

Mudstone, gray, plant material

Mudstone, gray, plant material

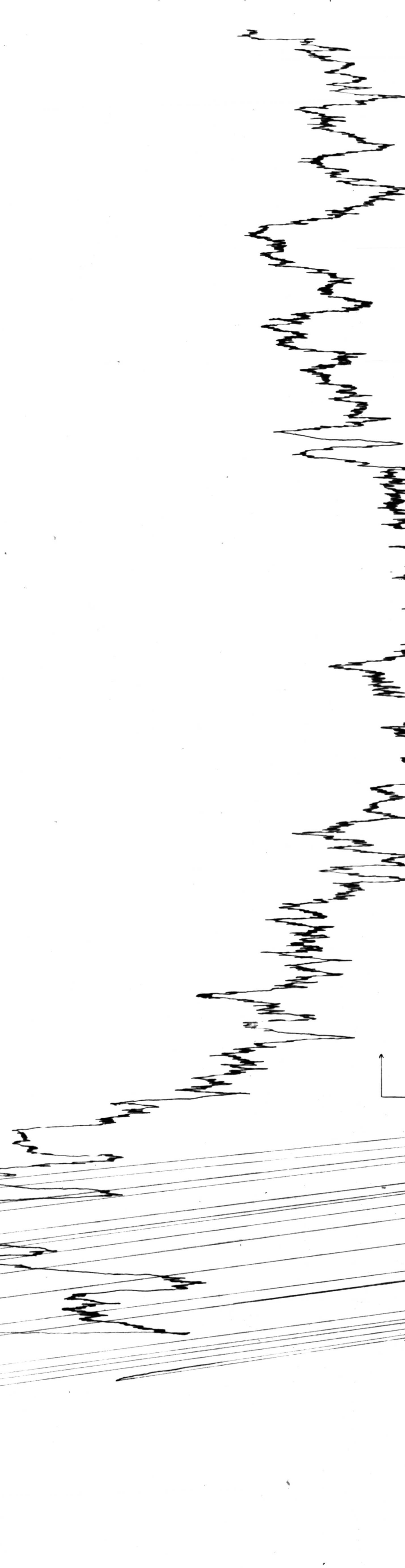
Core not recovered

TD 184 ft

56.7 m

Natural Gamma
Counts per second scale

0 50



8-1 Type Log: Drillers

5526 ft surface elevation
1284.3 m

Mudstone

Sandstone

Lignite

Mudstone

Lignite

Mudstone

Mudstone, bluish gray

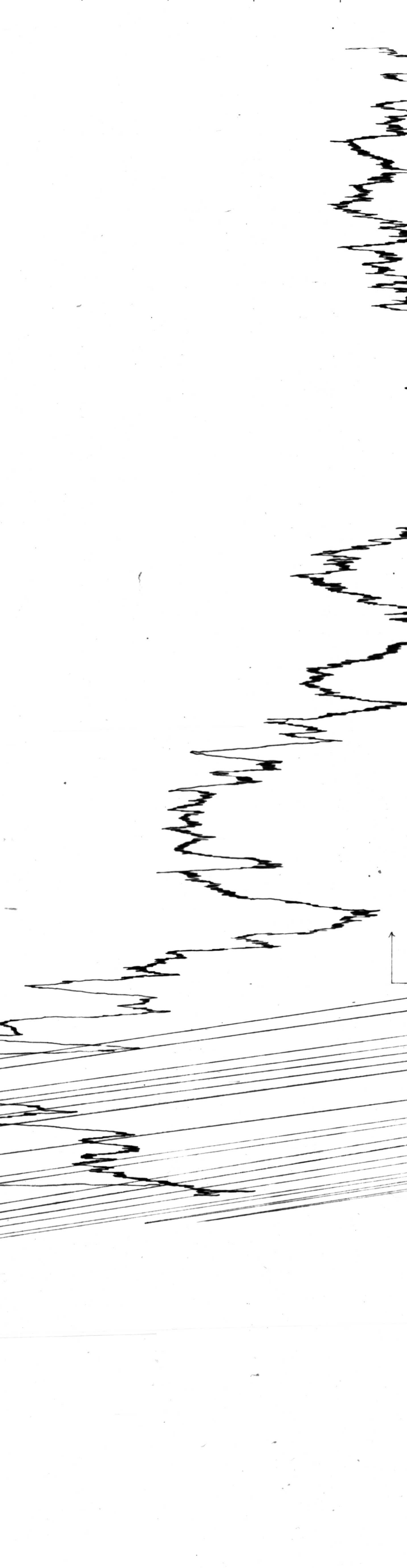
Core not recovered

TD 184 ft

56.7 m

Natural Gamma
Counts per second scale

0 50



7-1 Type Log: Drillers

5512 ft surface elevation
1287.9 m

Claystone

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