Kart. B 140
Lfg. 199
2310

Geologische Karte von Preußen und benachbarten Bundesstaaten

Herausgegeben von der Königlich Preußischen Geologischen Landesanstalt

Leitung: Franz Beyschlag

Dornum

Gradabteilung 22 Blatt 19

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Breite 54°/53° Länge 25°|26°

Farben- und Zeichen-Erklärung

Moorbildungen

- Wasser
- **Flachmoor (Niedermoor), z. T. über Sand, Schlick oder Tonmergel des ältesten Diluviums**
  - Flachmoortorf b. n. Gr.
  - Flachmoortorf mit Sand-U. bei n. Grundw.
  - Flachmoortorf mit Sand- u. tief. undurchl. Ton- bezw. Tonmergel-Untergr. bei n. Grundw.
  - Flachmoortorf mit undurchl. Ton-U. b. n. Gr.
  - Flachmoortorf mit nahem, undurchl. Ton- u. tief. Sand-U. b. n. Gr.
- **Schlicksand, oft in Meeressand übergehend, stellenweise über Flachmoor**
  - Hum. Feinsand u. ton. Feinsand mit zuweilen kalkigem Feinsand-Untergrund bei n. Grundw.
  - Schlicksand, stellenweise in Meeressand übergehend, im Untergr. oft Bildungen von Flachmoortorf

Alluvium (Das Formationszeichen a ist hier und in den übrigen Teilen der Karte weggelassen)

Tonige Bildungen, z. T. ammoorig

- Hum. Lehm bis Lehm mit schwer durchl., zuweilen kalkigem Lehm-Untergr. bei n. Grundw.
- Sehr feinsandiger Lehm, zuweilen kalkig, über kalkigem Sand
- Hum. Ton bis Ton mit undurchl. Ton-U. b. n. Gr.
- **Schlick (Lehm oder Ton), z. T. über Torf, Sand, kalkigem Sand oder Tonmergel des ältesten Diluviums**
  - Hum. Ton bis Ton mit schwer durchl. Flachmoortorf-U. b. n. Gr.
  - Hum. Ton bis Ton mit schwer durchl. Flachmoortorf- u. tief. Sand-Untergr. bei n. Grundw.
  - Hum. Ton bis Ton mit Sand-U. bei n. Grundw.
  - Sehr feinsandiger Ton, zuweilen kalkig, über kalkigem Sand
  - Humoser Ton bis Ton mit undurchl. Tonmergel-Untergr. b. n. Gr.

Flugsandbildungen (Dünen)

- **Dünensand**: Sand mit Sand-Untergrund, meist trocken

Diluvium

Bildungen der vorletzten (Saale-) Eiszeit (Glaziales Diluvium)

Bildungen der Hochflächen

- Sand mit Sand-Untergrund, meist trocken
- **Sand, z. T. über Geschiebemergel der Saale-Eiszeit oder Tonmergel des ältesten Diluviums**
  - Hum. Sand bis Sand mit schwer durchl. Lehm-U.
  - Sand, stellenweise mit Einlagerungen von Geschiebelehm
  - Hum. Sand bis Sand mit undurchl. Ton- u. Tonmergel-Untergrund bei meist nahem Grundw.
- **Geschiebemergel, meist entkalkt**: Nur in Bohrlöchern und im Profil
- **Sand einheimischen Materials**: Nur in Bohrlöchern
- **Tonmergel, oberflächlich entkalkt**: Feins. Ton mit undurchl. Tonmergel-Untergrund
- **Tonmergel, oft mit Sand und Kies wechsellagernd**: Tonmergel, stellenweise mit Sanden und Kiesen vorwiegend einheimischen Materials wechsellagernd oder ganz in diese Bildungen übergehend

Bildungen des ältesten Diluviums (Pliozänes Diluvium)

Abkürzungen in der Beschriftung der Schilder

b. n. Gr.	bei nahem	sand.	= sandig
bei n. Grundw.	= Grundwasser	feins.	= feinsandig
U.	= Untergrund	ton.	= tonig
Untergr.	= Untergrund	hum.	= humos
durchl.	= durchlässig	z. T.	= zum Teil
undurchl.	= undurchlässig	tief.	= tieferem

25° 0' ö. L. v. Ferro.
25° 10'
53° 42'
53° 36'
(13 Baltrum.)
(25 Westerholt)
(15 Bagen)
(20 Esens)
WATTENMEER
Dornumersiel
Westerackumersiel
Nessmersiel
Dornumergrode
Nesse
Dornum
Westerackum
Resterhafe
Roggenstede
Westerburg
Terhalle
Westerende
Arle
Menstede
Schweindorf
Utarp
Osterdeich
Westerdeich
Norderdeich
Nessmeraltendeich
Kuchenbäcker Polder
Münster-Polder
Butterhusen
Heller
Feuer Deich
Alter Deich
Dammsplatz
Neuland
Wilhelminenhof
Alexandrinenhof
Nothäusen
Deichstrich
Dreihausen
Nessmergrode
Buschplatz
Friedrichsfeld
Harketief
Siebelshörn
Schlosspfahl
Burgstatte
Kanitzberg
Mittelstrich
Hohenweg
Adenhausen
Wüstefleth
Nessmerhammrich
Kanitzburg
Georgshof
Gr. Kiphausen
Kl. Kiphausen
Schmittersum
Butterburg
Roggensteger Hammrich
Roggensteger Weg
Reiderum
Hammrich
Ostdeich
Osterbrande
Wester-Brühte
Neuen-Feld
Homer
Struke
Neuland
Blankenhausen
Friedland
Süldenburg
Wahlstätte
Schlötern
Pumpsiel
Westerburer
Dammspolder
Lederne Lampe
Siel-Tief
Neues Tief
Deich
See-Deich
Warf
Mitteltief
Ostertief
Nessmer M.
Nessmermühlenstrich
Nessmerpolder
Osterneuesmerstier-Polder
Westerender Hammrich
Westerholter Hammrich
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Ostdeichsiel
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