

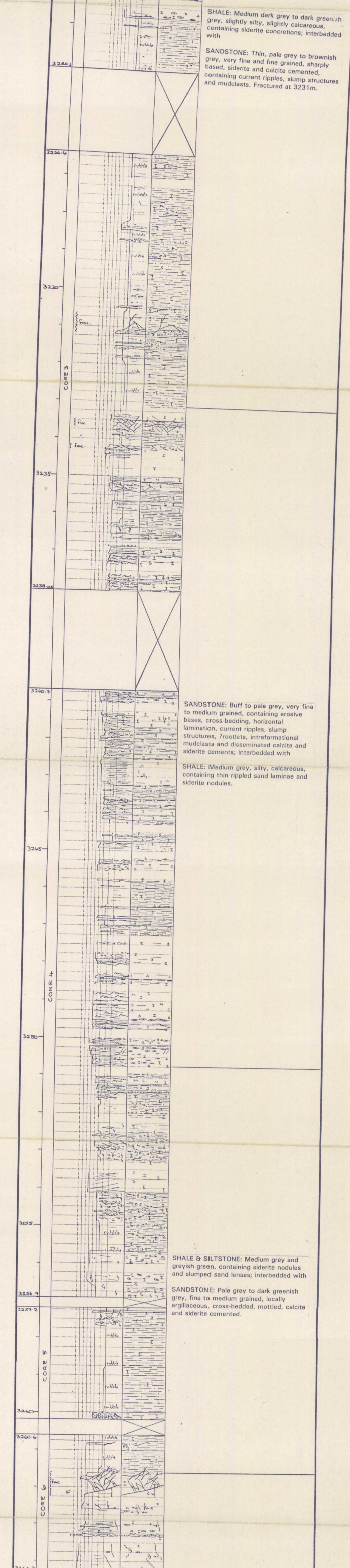
## CORE DESCRIPTION CHART

WELL

TERRA NOVA K-18  
JEANNE D'ARC BASIN,  
EAST COAST CANADA

SCALE 1 : 50

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Department of Supply  
and Services

SHALE: Medium dark grey to dark greenish grey, slightly silty, slightly calcareous, containing siderite concretions; interbedded with

SANDSTONE: Thin, pale grey to brownish grey, very fine and fine grained, sharply based, siderite and calcite cemented, containing current ripples, slump structures and mudclasts. Fractured at 3231m.

SANDSTONE: Buff to pale grey, very fine to medium grained, containing erosive bases, cross-bedding, horizontal lamination, current ripples, slump structures, ?rootlets, intraformational mudclasts and disseminated calcite and siderite cements; interbedded with

SHALE: Medium grey, silty, calcareous, containing thin rippled sand laminae and siderite nodules.

SANDSTONE &amp; SILTSTONE: Medium grey and greyish green, containing siderite nodules and slumped sand lenses; interbedded with

SANDSTONE: Pale grey to dark greenish grey, fine to medium grained, locally argillaceous, cross-bedded, mottled, calcite and siderite cemented.

SANDSTONE: Pale grey and brownish grey, fine to very coarse grained, containing horizontal lamination, cross-bedding, scoured bases, mudclasts, ?communited shell debris, pebbles and cobbles of quartzose, sandstone, limestone and volcanic lithologies and disseminated calcite cement; interbedded with

CONGLOMERATE: Varicoloured clast supported, containing quartzose, sandstone, and limestone rock fragments.

SANDSTONE: Pale grey to brownish grey, very fine to medium grained, cross-bedded, horizontally laminated, current rippled and burrowed with siderite and dolomite cements; interbedded with

SHALE: thin dark grey, silty and carbonaceous

SANDSTONE: Pale grey to pale greyish brown medium to coarse grained, cross-bedded, containing carbonaceous wood fragments, mudclasts and local concretionary dolomite cements and thin black carbonaceous shales.

SANDSTONE: Pale grey to brownish grey, very fine to medium grained, cross-bedded, horizontally laminated, current rippled, burrowed and ?rootlets containing disseminated calcite, siderite and dolomite and nodules pyrite cements interbedded with

SHALE: thin dark grey, silty and carbonaceous

SANDSTONE: Pale grey to pale greyish brown medium to coarse grained, cross-bedded, containing carbonaceous wood fragments, mudclasts and local concretionary dolomite cements and thin black carbonaceous shales.

