

Type Section	Other Wells	Postulated Age	LAD	
			Dinoflagellates	Spores

Parvisaccites amplus Zone Alphanumeric Designation: LP 5

North Bjarni F-06; 2510-2610 m	Bjarni O-82, Hopedale E-33, North Leif I-05, Ogmund E-72, Tyrk P-100	early to middle Albian	<i>Circulodinium</i> cf. <i>attadalicum</i> <i>Coronifera oceanica</i> <i>Florentinia cooksoniae</i> <i>Oligosphaeridium albertense</i> <i>Ovoidinium scabrosum</i> <i>Pareodinia ceratophora</i> <i>Pseudoceratium anaphrissum</i> <i>Senoniasphaera microreticulata</i>	<i>Cerebropollenites mesozoicus</i> <i>Phyllocladidites inchoatus</i> <i>Plicatella cristata</i> <i>Rugubivesiculites minutus</i>
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Trilobosporites humilis Zone Alphanumeric Designation: LP 6

Ogmund E-72; 1775-1905 m	Roberval K-92, South Hopedale L-39	middle Albian	<i>Callaiosphaeridium asymmetricum</i> <i>Cribrroperidinium edwardsii</i> <i>Pseudoceratium polymorphum</i>	<i>Cicatricosisporites annulatus</i> <i>Cicatricosisporites hughesii</i> <i>Clavatipollenites hughesii</i> <i>Clavatipollenites rotundus</i> <i>Foraminisporis wonthaggiensis</i> <i>Foveotrilites subtriangularis</i> <i>Gleicheniidites distalgranulatus</i> <i>Ischyosporites estherae</i> <i>Ornamentifera baculata</i> <i>Parvisaccites rugulatus</i> <i>Plicatella bilateralis</i> <i>Podocarpidites granulosus</i> <i>Podocarpidites potomacensis</i> <i>Scortea tecta</i> <i>Trilobosporites humilis</i> <i>Vitreisporites pallidus</i>
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Epelidosphaeridia spinosa - Trilobosporites crassus Zone Alphanumeric Designation: LP 7

Roberval K-92; 3090-3130 m	Ogmund E-72	late Albian-early Cenomanian	<i>Cribrroperidinium sepimentum</i> <i>Epelidosphaeridia spinosa</i> <i>Pseudoceratium eisenackii</i>	<i>Cedripites canadensis</i> <i>Cicatricosisporites delicatus</i> <i>Densoisporites microrugulatus</i> <i>Leiotrilites equixinus</i> <i>Trilobosporites crassus</i>
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Kiokansium polypes Zone Alphanumeric Designation: LP 8

North Leif I-05; 2770-2790 m	None	Cenomanian	<i>Cyclonephelium vannophorum</i> <i>Exochosphaeridium bifidum</i> <i>Kiokansium polypes</i> <i>Maghrebinia membraniphora</i> <i>Xenascus ceratioides</i>	<i>Cicatricosisporites apicanalis</i>
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Cometodinium obscurum Zone Alphanumeric Designation: LP 9

North Leif I-05; 2730-2750 m	Bjarni O-82, North Bjarni F-06	Turonian-Coniacian	<i>Achomosphaera neptunii</i> <i>Chytroisphaeridia magna</i> <i>Cleistosphaeridium armatum</i> <i>Cleistosphaeridium huguoniotii</i> <i>Cometodinium obscurum</i> <i>Florentinia buspina</i> <i>Kleithrisphaeridium loffrense</i> <i>Oligosphaeridium pulcherrimum</i> <i>Stephodinium dianneae</i> <i>Stiphrosphaeridium anthophorum</i>	<i>Alisporites grandis</i> <i>Leiotrilites mecklenburgensis</i> <i>Parvisaccites radiatus</i> <i>Plicatella potomacensis</i> <i>Rugubivesiculites reductus</i> <i>Rugubivesiculites rugosus</i> <i>Triporoletes radiatus</i>
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Senoniasphaera rotundata Zone Alphanumeric Designation: LP 10

South Labrador N-9; 3485-3495 m	Gilbert F-53, Roberval K-92, South Hopedale L-39	Santonian	<i>Senoniasphaera protrusa</i> <i>Senoniasphaera rotundata</i> <i>Spinidinium sverdrupianum</i>	
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Palaeohystrichophora infusorioides Zone Alphanumeric Designation: LP 11

South Labrador N-79; 3425-3465 m	Gilbert F-53, South Hopedale L-39	early Campanian	<i>Chatangiella verrucosa</i> <i>Laciniadinium orbiculatum</i> <i>Membranilarnacia</i> sp. (Wilson, 1971) <i>Palaeohystrichophora infusorioides</i>	
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Heterosphaeridium difficile Zone Alphanumeric Designation: LP 12

None stipulated	Gilbert F-53, South Hopedale F-39, South Labrador N-79	Campanian	<i>Heterosphaeridium difficile</i> <i>Hystrichokolpoma sequanaportus</i> <i>Surculosphaeridium longifurcatum</i>	
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Chatangiella tripartita Zone Alphanumeric Designation: LP 13

South Hopedale L-39; 1820-1830 m	Bjarni O-82, Gilbert F-53, North Leif I-05	late Campanian	<i>Chatangiella ditissima</i> <i>Chatangiella scheii</i> <i>Chatangiella tripartita</i> <i>Isabelidinium magnum</i> <i>Laciniadinium biconiculum</i> <i>Odontochitina costata</i>	
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Isabelidinium cooksoniae Zone Alphanumeric Designation: LP 14

South Hopedale L-39; 1730-1800 m	Bjarni O-82, Gilbert F-53, Hopedale E-33, North Leif I-05, Ogmund E-72, Roberval K-92, South Labrador N-79	Maastrichtian	<i>Isabelidinium acuminatum</i> <i>Isabelidinium amphiatum</i> <i>Isabelidinium belfastense</i> <i>Isabelidinium biaperturum</i> <i>Isabelidinium cooksoniae</i> <i>Isabelidinium koronense</i> <i>Palynodinium grillator</i>	
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Impagidinium # LL Zone Alphanumeric Designation: LP 15

South Hopedale L-39; 1640-1710 m	Bjarni O-82, Cartier D-70, Hopedale E-33, North Leif I-05, Roberval K-92, South Labrador N-79	Maastrichtian	<i>Amphidiadema nucula</i> <i>Circulodinium distinctum</i> <i>Impagidinium</i> # LL <i>Manumiella cretacea</i> <i>Triblastula nuda</i>	
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Spongodinium delitiense Zone Alphanumeric Designation: LP 16

South Hopedale L-39; 1610-1620 m	Bjarni O-82, Gilbert F-53, Hopedale E-33, North Leif I-05, Roberval K-92, South Labrador N-79	Maastrichtian	<i>Hystrichosphaeridium</i> # LP <i>Spongodinium delitiense</i> <i>Tanyosphaeridium variecalamum</i>	
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?*Spongodinium solidum* Zone Alphanumeric Designation: LP 17

South Hopedale L-39; 1580-1590 m	Cartier D-70, Gilbert F-53, Hopedale E-33, North Bjarni F-06, North Leif I-05, Roberval K-92, South Labrador N-79	early Paleocene	<i>Caligodinium aceras</i> <i>Cribrroperidinium wetzeli</i> <i>Hystrichosphaeridium tubiferum</i> <i>Prolixosphaeridium xanthiopyxides</i> <i>?Spongodinium solidum</i> <i>Trithyrodinium evittii</i>	
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Palaeoperidinium pyrophorum Zone Alphanumeric Designation: LP 18

South Hopedale L-39; 1550-1560 m	Bjarni O-82, Cartier D-70, Gilbert F-53, South Labrador N-79	early Paleocene	<i>Cerodinium diebelii</i> <i>Oligosphaeridium complex</i> <i>Palaeocystodinium australinum</i> <i>Palaeocystodinium lidiae</i> <i>Palaeocystodinium pyrophorum</i> <i>Phelodinium magnificum</i> <i>Phelodinium tricuspe</i>	
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Alisocysta circumtabulata Zone Alphanumeric Designation: LP 19

South Hopedale L-39; 1520-1530 m	Bjarni O-82, Hopedale E-33, North Leif I-05, South Labrador N-79	late Paleocene	<i>Alisocysta circumtabulata</i> <i>Alisocysta margarita</i> <i>Eisenackia crassitabulata</i>	
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Coupe de Référence	Autre Puits de Forage	Âge Suggéré	NDP	
			Dinoflagellés	Spores

Zone à *Parvisaccites amplus* Code Alphanumérique: LP 5

North Bjarni F-06; 2510-2610 m	Bjarni O-82, Hopedale E-33, North Leif I-05, Ogmund E-72, Tyrk P-100	Albien inférieur à moyen	<i>Circulodinium</i> cf. <i>attadalicum</i> <i>Coronifera oceanica</i> <i>Florentinia cooksoniae</i> <i>Oligosphaeridium albertense</i> <i>Ovoidinium scabrosum</i> <i>Pareodinia ceratophora</i> <i>Pseudoceratium anaphrissum</i> <i>Senoniasphaera microreticulata</i>	<i>Cerebropollenites mesozoicus</i> <i>Phyllocladidites inchoatus</i> <i>Plicatella cristata</i> <i>Rugubivesiculites minutus</i>
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Zone à *Trilobosporites humilis* Code Alphanumérique: LP 6

Ogmund E-72; 1775-1905 m	Roberval K-92, South Hopedale L-39	Albien moyen	<i>Callaiosphaeridium asymmetricum</i> <i>Cribrroperidinium edwardsii</i> <i>Pseudoceratium polymorphum</i>	<i>Cicatricosisporites annulatus</i> <i>Cicatricosisporites hughesii</i> <i>Clavatipollenites hughesii</i> <i>Clavatipollenites rotundus</i> <i>Foraminisporis wonthaggiensis</i> <i>Foveotrilites subtriangularis</i> <i>Gleicheniidites distalgranulatus</i> <i>Ischyosporites estherae</i> <i>Ornamentifera baculata</i> <i>Parvisaccites rugulatus</i> <i>Plicatella bilateralis</i> <i>Podocarpidites granulosus</i> <i>Podocarpidites potomacensis</i> <i>Scortea tecta</i> <i>Trilobosporites humilis</i> <i>Vitreisporites pallidus</i>
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Zone à *Epelidosphaeridia spinosa - Trilobosporites crassus* Code Alphanumérique: LP 7

Roberval K-92; 3090-3130 m	Ogmund E-72	Albien supérieur-Cenomanien inférieur	<i>Cribrroperidinium sepimentum</i> <i>Epelidosphaeridia spinosa</i> <i>Pseudoceratium eisenackii</i>	<i>Cedripites canadensis</i> <i>Cicatricosisporites delicatus</i> <i>Densoisporites microrugulatus</i> <i>Leiotrilites equixinus</i> <i>Trilobosporites crassus</i>
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Zone à *Kiokansium polypes* Code Alphanumérique: LP 8

North Leif I-05; 2770-2790 m	non spécifiée	Cenomanien	<i>Cyclonephelium vannophorum</i> <i>Exochosphaeridium bifidum</i> <i>Kiokansium polypes</i> <i>Maghrebinia membraniphora</i> <i>Xenascus ceratioides</i>	<i>Cicatricosisporites apicanalis</i>
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Zone à *Cometodinium obscurum* Code Alphanumérique: LP 9

North Leif I-05; 2730-2750 m	Bjarni O-82, North Bjarni F-06	Turonien-Coniacien	<i>Achomosphaera neptunii</i> <i>Chytroisphaeridia magna</i> <i>Cleistosphaeridium armatum</i> <i>Cleistosphaeridium huguoniotii</i> <i>Cometodinium obscurum</i> <i>Florentinia buspina</i> <i>Kleithrisphaeridium loffrense</i> <i>Oligosphaeridium pulcherrimum</i> <i>Stephodinium dianneae</i> <i>Stiphrosphaeridium anthophorum</i>	<i>Alisporites grandis</i> <i>Leiotrilites mecklenburgensis</i> <i>Parvisaccites radiatus</i> <i>Plicatella potomacensis</i> <i>Rugubivesiculites reductus</i> <i>Rugubivesiculites rugosus</i> <i>Triporoletes radiatus</i>
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Zone à *Senoniasphaera rotundata* Code Alphanumérique: LP 10

South Labrador N-9; 3485-3495 m	Gilbert F-53, Roberval K-92, South Hopedale L-39	Santonien	<i>Senoniasphaera protrusa</i> <i>Senoniasphaera rotundata</i> <i>Spinidinium sverdrupianum</i>	
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Zone à *Palaeohystrichophora infusorioides* Code Alphanumérique: LP 11

South Labrador N-79; 3425-3465 m	Gilbert F-53, South Hopedale L-39	Campanien inférieur	<i>Chatangiella verrucosa</i> <i>Laciniadinium orbiculatum</i> <i>Membranilarnacia</i> sp. (Wilson, 1971) <i>Palaeohystrichophora infusorioides</i>	
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Zone à *Heterosphaeridium difficile* Code Alphanumérique: LP 12

non spécifiée	Gilbert F-53, South Hopedale F-39, South Labrador N-79	Campanien	<i>Heterosphaeridium difficile</i> <i>Hystrichokolpoma sequanaportus</i> <i>Surculosphaeridium longifurcatum</i>	
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Zone à *Chatangiella tripartita* Code Alphanumérique: LP 13

South Hopedale L-39; 1820-1830 m	Bjarni O-82, Gilbert F-53, North Leif I-05	Campanien supérieur	<i>Chatangiella ditissima</i> <i>Chatangiella scheii</i> <i>Chatangiella tripartita</i> <i>Isabelidinium magnum</i> <i>Laciniadinium biconiculum</i> <i>Odontochitina costata</i>	
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Zone à *Isabelidinium cooksoniae* Code Alphanumérique: LP 14

South Hopedale L-39; 1730-1800 m	Bjarni O-82, Gilbert F-53, Hopedale E-33, North Leif I-05, Ogmund E-72, Roberval K-92, South Labrador N-79	Maestrichtian	<i>Isabelidinium acuminatum</i> <i>Isabelidinium amphiatum</i> <i>Isabelidinium belfastense</i> <i>Isabelidinium biaperturum</i> <i>Isabelidinium cooksoniae</i> <i>Isabelidinium koronense</i> <i>Palynodinium grillator</i>	
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Zone à *Impagidinium* # LL Code Alphanumérique: LP 15

South Hopedale L-39; 1640-1710 m	Bjarni O-82, Cartier D-70, Hopedale E-33, North Leif I-05, Roberval K-92, South Labrador N-79	Maestrichtian	<i>Amphidiadema nucula</i> <i>Circulodinium distinctum</i> <i>Impagidinium</i> # LL <i>Manumiella cretacea</i> <i>Triblastula nuda</i>	
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Zone à *Spongodinium delitiense* Code Alphanumérique: LP 16

South Hopedale L-39; 1610-1620 m	Bjarni O-82, Gilbert F-53, Hopedale E-33, North Leif I-05, Roberval K-92, South Labrador N-79	Maestrichtian	<i>Hystrichosphaeridium</i> # LP <i>Spongodinium delitiense</i> <i>Tanyosphaeridium variecalamum</i>	
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Zone à ?*Spongodinium solidum* Code Alphanumérique: LP 17

South Hopedale L-39; 1580-1590 m	Cartier D-70, Gilbert F-53, Hopedale E-33, North Bjarni F-06, North Leif I-05, Roberval K-92, South Labrador N-79	Paléocène inférieur	<i>Caligodinium aceras</i> <i>Cribrroperidinium wetzeli</i> <i>Hystrichosphaeridium tubiferum</i> <i>Prolixosphaeridium xanthiopyxides</i> <i>?Spongodinium solidum</i> <i>Trithyrodinium evittii</i>	
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Zone à *Palaeoperidinium pyrophorum* Code Alphanumérique: LP 18

South Hopedale L-39; 1550-1560 m	Bjarni O-82, Cartier D-70, Gilbert F-53, South Labrador N-79	Paléocène inférieur	<i>Cerodinium diebelii</i> <i>Oligosphaeridium complex</i> <i>Palaeocystodinium australinum</i> <i>Palaeocystodinium lidiae</i> <i>Palaeocystodinium pyrophorum</i> <i>Phelodinium magnificum</i> <i>Phelodinium tricuspe</i>	
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Zone à *Alisocysta circumtabulata* Code Alphanumérique: LP 19

South Hopedale L-39; 1520-1530 m	Bjarni O-82, Hopedale E-33, North Leif I-05, South Labrador N-79	Paléocène supérieur	<i>Alisocysta circumtabulata</i> <i>Alisocysta margarita</i> <i>Eisenackia crassitabulata</i>	
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