Well Name : Camden-100

Client : Nova Scotia Department of Energy
Interval : 0m - 1454m — Palynology Range Chart
Scale : 1:5000 — Enclosure 4
Chart date: 12 August 2013 — Dave Shaw

RPS Energy

Depth	Chronostratigraphy: Period/Epoch	Chronostratigraphy: Age	Nova Scotia Miospores: Zone	Samples	KG: Inertinite (unstructured) / Structured Inertinite / Structured Very Dark Vitrinite grading to Inertinite / Plant Tracheids (*1)	Palynology: Total count: Palynology (0–200)	Vallatisporites spp.: Total count: Vallatisporites spp. (0–200)	Spelaeotriletes spp.: Total count: Spelaeotriletes spp. (0–200)	Spores And Pollen: Absolute abundance (30mm=200 counts)	Samples	Comments	Chart Key
0m–1450m	Early Carboniferous	Tournaisian	Vallatisporites vallatus - Spelaeotriletes pretiosus	29.00m CO 192.50m CO 348.00m CO 465.00m CO 725.00m CO 827.60m CO 1129.40m CO 1203.70m CO 1259.00m CO 1278.70m CO 1434.00m CO	Inertinite (unstructured) / Structured Inertinite / Structured Very Dark Vitrinite grading to Inertinite / Plant Tracheids	Total count: Palynology (0–200)	Total count: Vallatisporites spp. (0–200)	Total count: Spelaeotriletes spp. (0–200)	Alete spore (large) / Cyclogranisporites spp. / Leiotriletes spp. / Lophozonotriletes spp. / Radiizonates spp. / Retusotriletes avonensis / Retusotriletes spp. / Trilete spore / Alete spore (small) / Densosporites spp. / Knoxisporites literatus / Punctatisporites spp. / Vallatisporites vallatus / Raistrickia spp. / Spelaeotriletes pretiosus / Auroraspora macra / Vallatisporites spp. / Vallatisporites verrucosus / Leiotriletes ornatus	29.00m CO 192.50m CO 348.00m CO 465.00m CO 725.00m CO 827.60m CO 1129.40m CO 1203.70m CO 1259.00m CO 1278.70m CO 1434.00m CO	?V. vallatus (?Tornaisian/Ivorian; S. pretiosus - V. vallatus zones). Peak ?S. pretiosus (?S. pretiosus zone); base consistent ?Cyclogranisporites spp. S. pretiosus & V. vallatus (Tornaisian/Ivorian; S. pretiosus - V. vallatus zones). LDO common ?S. pretiosus (?no older than V. vallatus zone).	**Text Keys** *1 Semi-quantitative, (Default Abundance Scheme)