



This geological cross-section illustrates the subsurface geology along a profile from South to North. The top of the diagram lists well identifiers and their horizontal distances: 11-17-1-SW4 (6.9 km), 16-5-2-SW4 (9.4 km), 16-35-2-SW4 (4.7 km), 12-14-3-SW4 (4.2 km), 7-34-3-SW4 (4.1 km), 14-11-4-SW4 (5.4 km), 4-35-4-SW4 (2.4 km), 6-3-5-SW4 (5.9 km), 6-20-5-SW4 (2.8 km), 2-32-5-SW4 (5.7 km), 11-17-6-SW4 (11.2 km), 7-21-7-SW4 (7.2 km), 10-1-8-6W4 (9.6 km), 11-1-9-6W4 (14.0 km), 10-16-10-SW4 (5.1 km), and 10-34-10-SW4.

The section is divided into three main groups:

- COLORADO GROUP**: Includes Westgate Fm (orange), Bow Island Fm (light orange), Basal Colorado Sand (yellow), and Pense Fm (thin yellow layer).
- MANNVILLE GROUP**: Includes Upper Mannville (green) and Lower Mannville (grey). A red dashed line indicates a "soil zone".
- ELLIS GROUP**: Includes Swift Fm (purple), Rierdon Fm (brown), and Sawtooth Fm (blue).

Key features include the "Bow Island" label, "Basal Colorado Sand", "Upper Mannville", "Sunburst", "Bantry Sh.", "Swift Ribbon Sands", "Rierdon Fm", "Sawtooth Fm", "Mississippian", and "Mkr" (marker) labels. A scale bar at the bottom right shows 100 m. Logos for "IPP MANNVILLE PROJECT" and "wascano" are present in the bottom right corner.

IPP MANNVILLE PROJECT
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