

**Institute of Veterinary, Animal and Biomedical Sciences
Massey University**

PATHOLOGY REPORT

Status: Final

Date:

Type: Mortality

| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="background-color: black; color: white; padding: 2px;">Submitter</th> </tr> <tr> <td style="padding: 5px; text-align: center;">Department of Conservation</td> </tr> </table> | Submitter | Department of Conservation | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="background-color: black; color: white; padding: 2px;">Submission Details</th> </tr> <tr> <td style="padding: 5px;">Lab. Case/Spec ID: 42767</td> </tr> <tr> <td style="padding: 5px;">Date Submitted:</td> </tr> <tr> <td style="padding: 5px;">Date Received:</td> </tr> <tr> <td style="padding: 5px;">Previous Case ID:</td> </tr> <tr> <td style="padding: 5px;">WMD Case/Spec ID: 4726/1</td> </tr> </table> | Submission Details | Lab. Case/Spec ID: 42767 | Date Submitted: | Date Received: | Previous Case ID: | WMD Case/Spec ID: 4726/1 |
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Growth and Development

| Parameter | Result Description | Value | Date Measured | Age Group |
|--------------------------------------|--------------------|--------|---------------|-----------|
| Depth of Tail Notch | | m | | Juvenile |
| Dorsal Blubber Depth | | mm | | Juvenile |
| Eye to Blowhole Length | | m | | Juvenile |
| Eye to Corner of Mouth Length | | m | | Juvenile |
| Girth at Anus | | m | | Juvenile |
| Girth at Eye | | m | | Juvenile |
| Girth at Flippers | | m | | Juvenile |
| Girth at Navel | | m | | Juvenile |
| Height of Dorsal Fin | | .067 m | | Juvenile |
| Lateral Blubber Depth | | mm | | Juvenile |
| Length of Base of Dorsal Fin | | .136 m | | Juvenile |
| Length of Flipper | | .145 m | | Juvenile |
| Length of Flukes | | m | | Juvenile |
| Snout to Anus Length | | .56 m | | Juvenile |
| Snout to Corner of Mouth Length | | m | | Juvenile |
| Snout to Origin of Dorsal Fin Length | | m | | Juvenile |
| Snout to Origin of Flipper Length | | m | | Juvenile |

| | | |
|-----------------------|--------|----------|
| Standard Length | .77 m | Juvenile |
| Ventral Blubber Depth | mm | Juvenile |
| Width of Flipper | .062 m | Juvenile |
| Width of Flukes | m | Juvenile |
| Weight | kg | Juvenile |

DIAGNOSIS

Open - too autolysed

ANIMAL HISTORY

Recovery by Ron van Mierlo. "Lower jaw missing. Internal organs liquefied. Skin sunburnt/peeling. Tail flukes damaged/eroded. Dolphin found amongst high tide driftwood. Quite rotten. No other clues found on beach. Cause of death unknown."

GROSS PATHOLOGY

The carcass was extremely autolysed, with extensive epidermal sloughing and loss of the right mandible and scapula. The dorsal fin was folded to the right side. The skull sutures were unfused. No foetal whiskers were seen (but note extensive epidermal sloughing). No internal organs remained except the external 8 cm of vagina/uterus.