Appendix A
KEY TO LAKESHORE DATABASE

Column Heading	Unabbreviated Column Heading	Heading Description / Defining Parameters
LAKE_NAME	Lake name	Local name
ORGANIZATI	Organization	Data collection
JURISDICTI	Jurisdiction	Based on administrative boundaries.
DATE	Date	Yyy/mm/dd
TIME_	Time	Local time
CREW	Crew	Initials
WEATHER	Weather	Description
COMMENTS	Comments	General comments regarding segment.
SEGMNT_NUM	Segment Number	Unique identifier.
DIST_LEV	Disturbance Level	Disturbance Level describes the level of impact (low, moderate, high) that has occurred throughout the segment. It is based on visual observations during the assessment including attributes from the database such as % disturbed, retaining wall number and type, docks / km, groynes / km, beach grooming and presence of marinas.
SHORE_TYPE	Shore Type	Dominant shore type based on percentage of shore type which occupies the entire segment.
LAND_USE	Land Use	Land use was interpolated for each region based on local land use or zoning maps in digital or hard copy format. It is expressed as a percent composition within each segment. This column designates the most abundant land use within the segment.
LIVEST_ACC	Livestock Access	Describes access to foreshore.
PHOTONUM	Photo Number	Lists all photos taken in segment.
TAPE_NUM	Tape Number	Original video tape number.
VIDEO_TIME	Video Time	Delineates time (GMT) of video for each segment on video tape.
PHOTO_LOG	Photo Log	Describes all photos taken in segment.
REP_PHOTO	Representative Photo	Describes 1 photo which is representative of segment.
LAND_USE	Land Use	Describes dominant % of land use within the segment.
LU_URB_RES	Land Use Urban Residential	Percentage of segment occupied by an urban / residential land use.
LU_COMMERC	Land Use Commercial	Percentage of segment occupied by commercial land use.
LU_RURAL	Land Use Rural	Percentage of segment occupied by rural land use.
LU_AGRICUL	Land Use Agricultural	Percentage of segment occupied by agricultural land use.
LU_PARK	Land Use Park	Percentage of segment occupied by park land use.
LU_INDUSTR	Land Use Industrial	Percentage of segment occupied by industrial land use.
LU_CONSERV	Land Use Conservation	Percentage of segment occupied by conservation land use.
LU_INSTITU	Land Use Institutional	Percentage of segment occupied by institutional land use.
%_NATURAL	% Natural	Approximate percentage of segment which remains natural. Based on field observations.
%_DISTURB	% Disturbed	Approximate percentage of segment which has been disturbed. Based on field observations.
CLIFF_BLUF	Shore type Cliff or Bluff Shore	Approximate percentage of segment which is occupied by Cliff / Bluff shore type.
GRAVEL_BEA	Shore type Gravel Beach	Approximate percentage of segment which is occupied by Gravel Beach shore type.
SAND_BEACH	Shore type Sand Beach	Approximate percentage of segment which is occupied by Sand Beach shore type.
VEGE_SHORE	Shore type Vegetated Shore	Approximate percentage of segment which is occupied by Cliff / Bluff shore type.
LW_RCKY_SH	Shore type Low Rocky Shore	Approximate percentage of segment which is occupied by Low Rocky Shore type.
WETLAND	Shore type Wetland	Approximate percentage of segment which is occupied by Wetland shore type.
RIP_CLASS	Riparian Class	Describes broadleaf, coniferous, mixed, shrub, grassland etc.
RIP_QUALIF	Riparian Qualifier	Describes type of disturbance.
RIP_STAGE	Riparian Stage	Structural stage.
SHOR_COVER	Shore Cover	See SHIM Methodology.
RIP_VETER	Riparian Veteran	Describes presence of veteran trees.
RIP_SNAG	Riparian Snag	Describes presence of snags.
RIP_BANDWI	Riparian Bandwidth	See SHIM Methodology.
RIP_BANKSL	Riparian Bank Slope	See SHIM Methodology.
RIP_OVERHA	Riparian Overhang	Distance (m) that riparian vegetation overhangs within 1 m of the channel.
RIP_COMMNT	Riparian Comment	Comments.
SUB_FINES	Substrate Fines	Approximate percentage of shoreline (above water) that is composed of fine material.
SUB_GRAVEL	Substrate Gravel	Approximate percentage of shoreline (above water) that is composed of gravel material.
SUB_COBBLE	Substrate Cobble	Approximate percentage of shoreline (above water) that is composed of cobble material.

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SUB_BOULDE	Substrate Boulder	Approximate percentage of shoreline (above water) that is composed of boulder material.
SUB_BEDROC	Substrate Bedrock	Approximate percentage of shoreline (above water) that is composed of bedrock material.
COMPACTION	Compaction	Estimate of compaction where feasible.
ALLUV_FAN	Alluvial Fan	Statement of whether segment is part of an alluvial fan.
LITTORAL_Z	Littoral Zone	General width of littoral zone expressed as High (>50 m), Moderate (10 – 50 m) and Shallow (<10 m).
LITTORAL_W	Littoral Width	Littoral Width was assessed by interpolating and averaging littoral width measurements from orthophotographs for each segment.
AQUATI_VEG	Aquatic Vegetation	Presence noted. Yes/No.
COMMNT_SUB	Comment Substrate	Comments regarding substrates.
RETAIN_WAL	Retaining Wall	Number of retaining walls per segment.
RET_WAL_TY	Retaining Wall Type	Distinguishes between continuous (all or most are connected together) and discontinuous retaining walls (not connected).
DOCKS	Docks	Number of docks per segment.
DOCKS_KM	Docks per KM	Number of docks divided by length (m) of segment.
GROYNES	Groynes	Number of groynes per segment.
GROYNES_KM	Groynes per KM	Number of groynes divided by length (m)of segment.
MARIN_RAIL	Marine Railway	Number of marine railways / trams per segment.
BOAT_LAUNC	Boat Launch	Number of boat launches per segment.
MARINAS	Marinas	Number of marinas per segment.
BEACH_GROO	Beach Grooming	Identifies beach grooming activities on foreshore. Focuses on anthropogenic alterations of larger substrate materials to enhance usability of beach.
COMMNT_MOD	Comment Modification	Comments regarding modifications.
CMMNT_FLRA	Comment Flora	Comments regarding flora.
CMMNT_FAUN	Comment Fauna	Comments regarding fauna.
MAX_PDOP	Maximum PDOP	See SHIM Methodology.
CORR_TYPE	Correction Type	See SHIM Methodology.
RCVR_TYPE	Receiver Type	See SHIM Methodology.
GPS_DATE	GPS Date	See SHIM Methodology.
GPS_TIME	GPS Time	See SHIM Methodology.
DATAFILE	Data File	See SHIM Methodology.
UNFILT_POS	Unfiltered Positions	See SHIM Methodology.
FILT_POS	Filtered Positions	See SHIM Methodology.
DATA_DICTI	Data Dictionary	See SHIM Methodology.
AVG_HORZ_P	Average Horizontal Position	See SHIM Methodology.
WORST_HORZ	Worst Horizontal Position	See SHIM Methodology.
LENGTH	Length	Length (m) of segment.
PHOTO_ID	Photo identification	File path for representative photograph location – used for hot linking.
PHOTO_ID2	Photo Identification 2	File path for representative photograph location – used for hot linking.
VIDEO_ID	Video Identification	File path for representative video location – used for hot linking.