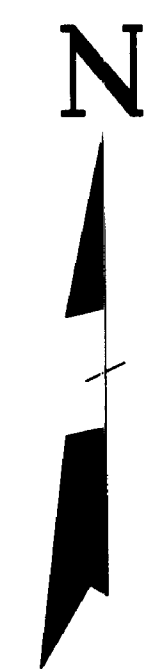
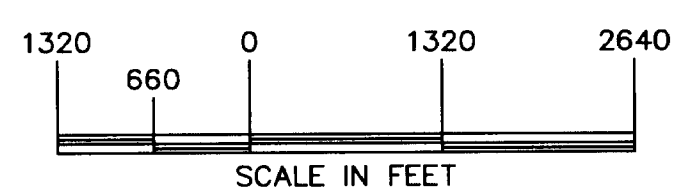


NOTES:
 ENTIRE LAKE LOCATED WITHIN LEECH LAKE INDIAN RESERVATION
 ALL DEPTHS SHOWN IN FEET
 BM: GAGE LOCATED AT LAKE OUTLET KNUTSON DAM
 W.S.E. = 1302.68

- | | | | | | |
|----------------|---------|--------------------------|-------|--------------------------|------|
| OPEN WATER | o.w. | RAILROAD | +++++ | COUNTY LINE | ---- |
| MARSH | | IMPROVED ROAD | ==== | TOWNSHIP, RANGE LINE | ---- |
| DRAINAGE DITCH | - - - - | UNIMPROVED ROAD | ===== | SECTION LINE | ---- |
| SAFETY BOUY | ✱ | BRIDGE | ==+== | CITY OR VILLAGE LIMITS | ---- |
| HAZZARD | ✕ | UNITED STATES HIGHWAY | 2 | NATIONAL OR STATE FOREST | |
| | | COUNTY STATE AID HIGHWAY | 10 | | |
| | | COUNTY ROAD | 148 | | |



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 Ecological Services Section
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TOTAL LAKE OUTER SHORELINE LENGTH 28.7 MILES
 TOTAL ISLAND SHORELINE LENGTH 13.1 MILES

COUNTY:	Beltrami / Cass	LAKE AREA:	15,978.0
D.O.W. NUMBER:	04-0030	LITTORAL AREA:	6,956.5 (44%)
TOWNSHIP:	145,146 N	LAKE VOLUME:	448,401 AC-FT
RANGE:	30,31 W	TOTAL SHORELINE:	41.8 MILES
SECTION:	Various	MEAN DEPTH:	28.1 FEET

Cass Lake - South Half

FIELDWORK LMU	Map produced by:
DATE 1997 - 1999	STATE OF MINNESOTA
DRAWN BY: KZ	Dept. of Natural Resources
DATE 12/99	Division of Fish and Wildlife
PROJ. IDENT. NO.	Ecological Services Section
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