1% to 5% of Na_2O;

0.1% to 4% of K_2O;

8% to 15% of MgO;

1% to 8% of CaO;

0% to 3% of ZnO;

0% to 3% of TiO_2; and

1% to 4% of ZrO_2,

said glass composition satisfying the following conditions:

$0.03 < (ZrO_2 + TiO_2)/(SiO_2 + Al_2O_3 + B_2O_3) < 0.12$;

$0.2 < Li_2O/(Li_2O + Na_2O + K_2O) < 0.7$; and

$2.1 \text{ mol\%} < (Li_2O + Na_2O + K_2O) < 13 \text{ mol\%}$.

4. The HDD glass substrate according to any one of claims 1 to 3, wherein said glass composition contains no BaO.

5. The HDD glass substrate according to any one of claims 1 to 4, wherein a chemical strengthening process is performed during production of said HDD glass substrate.

6. The HDD glass substrate according to any one of claims 1 to 5, wherein said glass composition exhibits a characteristic such that the Tg becomes 650°C or more and the specific modulus of elasticity becomes 32.0 $GPa \cdot cm^3/g$ or more.