CATEGORY 1 STOCKPILE DETAILED MODEL

WASTE WATER TREATMENT FACILITY DETAILED MODEL

CATEGORY 2/3 STOCKPILE DETAILED MODEL

RAIL TRANSFER HOPPER AND HAUL ROAD DETAILED MODEL

OVERBURDEN STORAGE AND LAYDOWN AREA DETAILED MODEL

ORE SURGE PILE DETAILED MODEL

LEGENDS:

- WATER FLOW
- MASS TRANSFER
- LOCATIONS WHERE ROCK AND OREBURDEN WASTE ENTERS MODEL
- BACKGROUND DRAINAGE INPUT
- PRECIPITATION INPUT

NORTHEAST MINE SITE WATER QUALITY MODEL
DRAFT DETAILED MODEL FLOWCHART 2
GOLDSIM MODEL VERSION 1
JULY 2, 2012