

PROTECT YOUR CHILDREN'S FUTURE



Global Mercury Project



Less Mercury, More Gold and Better Health

HOW TO GET MORE GOLD - INDONESIA



Global Mercury Project



Less Mercury, More Gold and Better Health

THE AMOUNT OF GOLD RECOVERED IS RELATED TO:

AMOUNT OF GOLD IN THE SAND

AMOUNT OF SAND PROCESSED EACH DAY



PROTECT YOUR ENVIRONMENT

CONSERVE THE FOREST BUFFER ALONG RIVERS

USE MERCURY IN ENCLOSED PONDS

DO NOT SLUICE DIRECTLY IN RIVERS



BE MORE

SLUICE DESIGN

EFFICIENCY OF CARPETS

EFFICIENCY OF AMALGAMATION USING MERCURY



HEALTH AND SAFETY

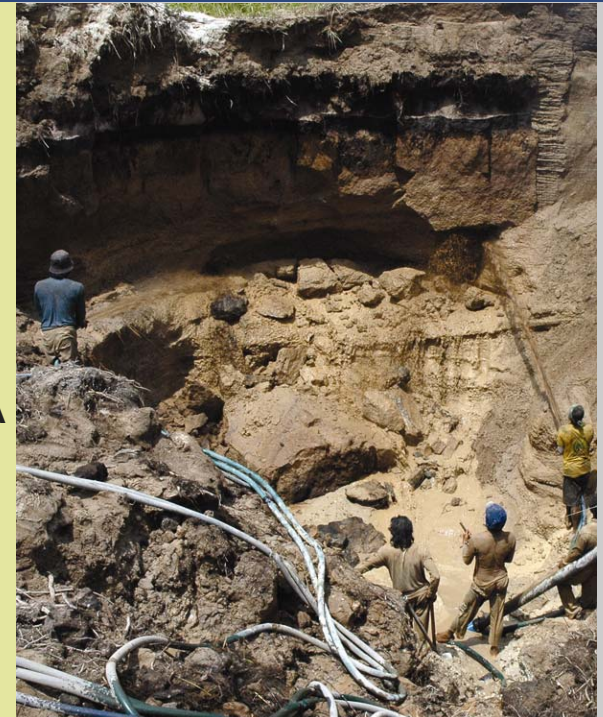
PROTECT YOURSELF

USE EXTREME CAUTION WHEN MINING

IF POSSIBLE WEAR A HARDHAT AND PROPER FOOTWEAR

DO NOT INHALE MERCURY VAPOR

DO NOT SMOKE



AMALGAMATE GOLD AND MER- CURY MORE EFFICIENTLY

HAND MIXING IN A
BUCKET IS NOT
EFFICIENT

USE AMALGAMATION
BARRELS

MIX FOR 30-45
MINUTES AND
USE LESS MERCURY



MINE SOILS KNOWN TO CONTAIN MORE GOLD

TEST SAND FROM A
SMALL AREA
BEFORE COMMITTING
TO EXTENSIVE
MINING



AMALGAMATION EFFICIENCY

PROTECT YOURSELF FROM HARMFUL EFFECTS OF MERCURY

USE A RETORT

BURN AMALGAM
AWAY FROM YOUR
HOME AND OTHER
PEOPLE

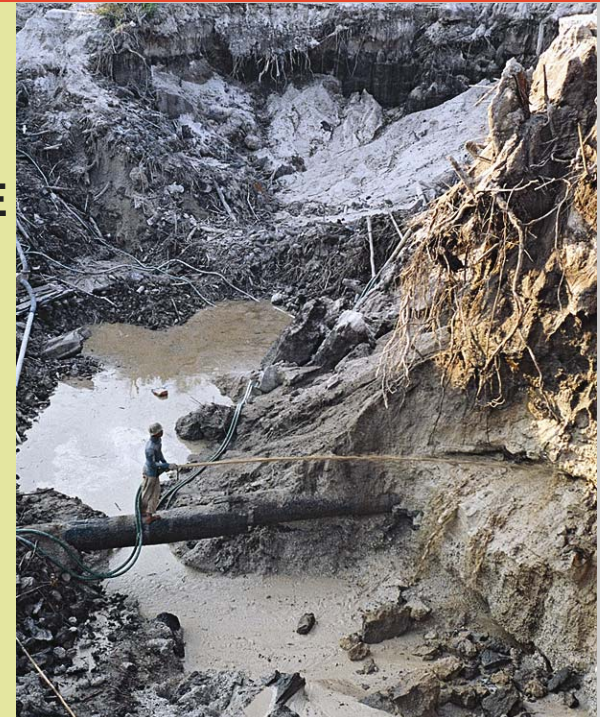
DO NOT EAT FISH
GROWN IN
AMALGAMATION
PONDS



UNDERSTAND THE VERTICAL DISTRIBUTION OF GOLD IN THE SAND

DO NOT DIG TOO
DEEP

AVOID MINING SAND
THAT CONTAINS
VERY LITTLE GOLD



EFFICIENT

OPTIMIZE DESIGN FEATURES OF YOUR SLUICE

**WATER CURRENT
SPEED IS VERY
IMPORTANT**

**TOO FAST AND YOU
LOSE GOLD**

**TOO SLOW AND
HEAVY SAND WILL
CLOG THE CARPET**



TRY DIFFERENT SLUICE DESIGNS

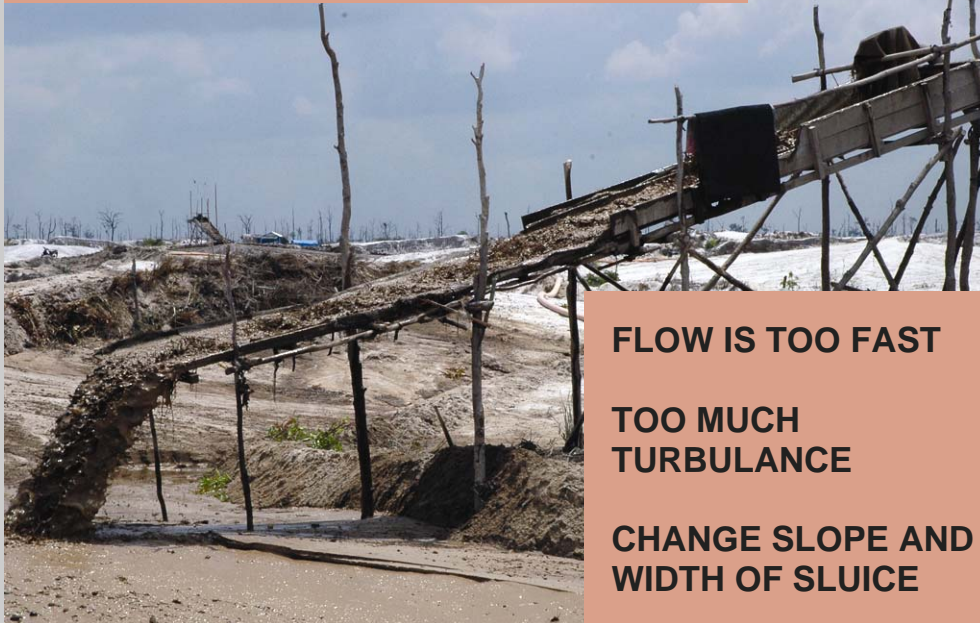
REDUCE THE SLOPE

TRY ZIG ZAG DESIGN



USE PROPER

THIS SLUICE IS TOO STEEP



FLOW IS TOO FAST

**TOO MUCH
TURBULANCE**

**CHANGE SLOPE AND
WIDTH OF SLUICE**

USE GOOD QUALITY CARPET

**GOOD CARPET
CAPTURES MORE
GOLD**

**TRY DIFFERENT
TYPES OF CARPET**



SLUICE DESIGN

