

# **FIELD CAMPAIGN LOG**

## **Goldfields of Galangan**

MONDAY 11<sup>th</sup> SEPTEMBER TO FRIDAY 13<sup>TH</sup> OCTOBER 2006

### **Summary**

- The Field Campaign was conducted throughout the survey area, but was focused on 5 specific camp locations, with one fixed camp location per week.
- The Transportable Demonstration Unit traveled to provide consultation to distant settlements and operational units throughout the field, in addition to meeting the miners, women, and other workers in the 5 fixed camp locations.
- An approximate total of **445 Miners and Women** were thus contacted and provided with brochure information during the course of the five-week campaign.
- A total of **650 Brochures** were distributed by trainers together with explanation of the contents of each. Brochure contents had three different varieties of theme.
- Around **370 Miners** were provided with direct technical and health consultations both in the campsite and through visits by trainers to their worksites.
- Around **75 Women** were provided with direct consultation as to the dangers of mercury for family health and how best to avoid mercury contamination.

## **GALANGAN FIELD TEAM – Week 1 – Location: Koperasi**

### **MONDAY 11<sup>th</sup> SEPTEMBER**

7.00 – 8.00	Departed Palangkaraya
8.00 – 9.00	Departed Rungan Sari, Tangkiling
9.00 – 10.00	Departed Kereng Pangi with Trainers: Hafid and Muchran
10.00 – 12.00	Established Camp Location at Koperasi
12.00 – 1.00	Lunch
1.00 – 4.00	Set-Up Camp and Equipment
4.00 – 6.00	Socialization using Flyers: 10 Units Operational = 50 Miners at Location Informed 50 miners about the aims and purposes of the TDU
6.00 – 7.00	Socialization with Miners and Women at the goods store.
7.00 – 8.00	Consultation with 12 Miners and 1 Unit Boss on how to use retorts to burn amalgam and how to capture and recycle Mercury.
8.00	Dinner

### **TUESDAY 12<sup>th</sup> SEPTEMBER**

6.00 – 7.00	Breakfast
7.00 – 9.00	Contacted 5 Unit Bosses in the Vicinity and Invited Them to Visit TDU
9.00 – 10.00	Set-Up Sluice Box near Camp Location for Dry Demonstration
10.00 – 12.00	Discussed Sluice Box Features with 12 Miners and 1 Unit Boss and provided brochures on how to get more gold and how to recycle mercury.
12.00 – 3.00	Lunch
3.00 – 4.00	Technical Consultation and Brochure Distribution with 10 More Miners and Health Consultation with 5 women – (cooks and sellers)
4.00 – 6.00	Amalgamation Demonstration at Amalgamation Pond Vicinity
6.00 – 7.00	Video Presentation with group of 12 miners and 1 unit boss
7.00 – 8.00	Dinner

### **WEDNESDAY 13<sup>th</sup> SEPTEMBER**

6.00 – 7.00	Breakfast
7.00 – 9.00	Technical Consultation with 1 Mining Unit using Brochures and Health Consultation with 5 women in the goods store
9.00 – 12.00	Consultation with brochures with one mining unit that was departing field
12.00 – 3.00	Lunch
3.00 – 4.00	Consultation and Brochure Distribution with 10 Miners Departing Field and Health Consultation with 5 wives of miners
4.00 – 6.00	Amalgamation Demonstration at Amalgamation Pond Vicinity
6.00 – 7.00	Video Presentation with 10 women
7.00 – 8.00	Consultation with a group of 12 miners and 1 unit boss

#### THURSDAY 14<sup>th</sup> SEPTEMBER

6.00 – 7.00	Breakfast
7.00 – 12.00	Distribution of Brochures, by project manager and trainers, together with explanations about mercury to 20 miners preparing to leave location
12.00 – 3.00	Lunch
3.00 – 4.00	Visited a mining unit and asked questions about the amount of concentrate they amalgamate and advised them to use less concentrate and less Hg
4.00 – 6.00	Demonstrated How to Process Concentrate from Sluice-Box Operation Using an Amalgamation Drum
6.00 – 7.00	Video Presentation and Consultation with 12 miners and 1 unit boss
7.00 – 8.00	Dinner

#### FRIDAY 15<sup>th</sup> SEPTEMBER

6.00 – 7.00	Breakfast
7.00 – 9.00	Disassembled Sluice-Box for Transport
9.00 – 12.00	Visited nearby location of Pak Anjir and distributed brochures to 4 units
12.00 – 3.00	Lunch
3.00 – 4.00	Packed TDU Equipment and Broke Camp
4.00 – 5.00	Departed Location
5.00	Stored Trailer at Warung Stop 1 in preparation for following week

#### Summary:

70 Miners Contacted (50 at Koperasi and 20 at location of Pak Anjir)  
30 Miners and 20 Women had close consultation and training with the TDU.

Total number of women consulted = 20  
Total number of miners consulted = 30  
Number of Brochures Distributed = 130

#### Brochure Quantities

“How To Get More Gold” = 50  
“How to Use and Reuse Mercury” = 50  
“Mercury and Family Health” = 30

**GALANGAN FIELD TEAM – Week 2 – Location: Warung Stop 1/ Warung Misran**

**MONDAY 18<sup>th</sup> SEPTEMBER**

7.00 – 8.00	Departed Palangkaraya
8.00 – 9.00	Departed Rungan Sari, Tangkiling
9.00 – 10.00	Departed Kereng Pangi with Trainer Linde Diong and Project Manager
10.00 – 12.00	TDU travelled along West Rd to Petak 25 and found 4 units operational and brochures were distributed to 20 miners and 10 women at local stores
12.00 – 1.00	TDU visited Petak 8 and consulted with Unit Boss Pak Amat and 5 miners
1.00 – 2.00	Visited Pak Samuji at his location and distributed brochures to 16 miners
2.00 – 4.00	Made camp at Warung Misran. This location was chosen for proximity to 2 operational units as well as proximity to road to meet passing traffic
4.00 – 7.00	Gathering of 11 miners and information session with brochures. Positive responses from all miners on the new information in the brochures but they stated their problem is that they are forced to use 2 kg of Mercury every day by their location boss Pak Udin Gajah
7.00 – 8.00	Dinner
8.00 – 9.00	Video presentation to 10 miners on mercury exposure and health impacts

**TUESDAY 19<sup>th</sup> SEPTEMBER**

7.00 – 9.00	Assembled sluice-box for dry demonstration of design features
9.00 – 10.00	Discussion about the sluice-box design and brochure content together with the local unit boss and 10 miners
12.00 – 3.00	Lunch
3.00 – 4.00	Brochure Distribution to 10 Miners in Pak Misran's location
4.00 – 6.00	Amalgamation Demonstration in pond belonging to Pak Suprapdi
6.00 – 7.00	Video Presentation to 10 miners
7.00 – 8.00	Dinner

**WEDNESDAY 20<sup>th</sup> SEPTEMBER**

6.00 – 12.00	Individual approaches and on-site discussions with 2 unit bosses and 10 miners about how to make their sluices more effective.
12.00 – 3.00	Lunch
3.00 – 4.00	Brochure distribution at Pak Ibam's location (Petak 60) with 10 miners and 2 unit bosses
4.00 – 6.00	Dry demonstration of Sluice-Box to 10 passing miners received positive and interested responses and much interest in using better quality carpets
6.00 – 7.00	Video Presentation to 15 Miners
7.00 – 8.00	Dinner

## THURSDAY 21<sup>st</sup> SEPTEMBER

6.00 – 7.00	Erected Sluice Box Below Pak Supradi's Sluice to Process Tailings
7.00 – 9.00	Discussion with Project Supervisor about the failure of the sluice due to its narrow design and the placement of grizzly screen inside a boxframe
12.00 – 3.00	Lunch
3.00 – 4.00	Demonstrated How to Process Concentrate from Sluice-Box Operation
4.00 – 6.00	Amalgamation Demonstration at Amalgamation Pond of Pak Suprapdi
6.00 – 7.00	Video Presentation
7.00 – 8.00	Dinner

## FRIDAY 22<sup>nd</sup> SEPTEMBER

6.00 – 7.00	Breakfast
7.00 – 9.00	Dismantled the Sluice-Box and Removed it from Mining Location
9.00 – 12.00	Retort Demonstrations and Brochure Distribution to 10 Miners
12.00 – 3.00	Lunch
3.00 – 4.00	Packed Up TDU Equipment and Camp
4.00 – 5.00	Departed Location
5.00	Stored Trailer at Location of Pak Huda for following week

### Summary:

100 Miners Contacted

50 Miners and 15 Women had close consultation and training with the TDU.

Total number of women consulted = 15

Total number of miners consulted = 50

Number of Brochures Distributed = 130

### Brochure Quantities

“How To Get More Gold” = 50

“How to Use and Reuse Mercury” = 50

“Mercury and Family Health” = 30

**GALANGAN FIELD TEAM – Week 3 – Location: Pak Huda / February ToT**

**MONDAY 25<sup>th</sup> SEPTEMBER**

7.00 – 9.00	Departed Palangkaraya
9.00 – 10.00	Departed Kereng Pangi with Trainers Dedy Rusady and Hafid
10.00 – 12.00	Established Camp at Pak Huda's Location
12.00 – 1.00	Lunch
1.00 – 4.00	Set-Up Camp and Equipment
4.00 – 7.00	Socialization using Flyers
7.00 – 8.00	Dinner

**TUESDAY 26<sup>th</sup> SEPTEMBER**

6.00 – 7.00	Breakfast
7.00 – 9.00	Health Counseling with 10 Miners using Brochures
9.00 – 12.00	Health Counseling with 10 Women using Brochures
12.00 – 3.00	Lunch
3.00 – 6.00	Successfully Introduced and Tested the Fauzi Retort with 10 Miners
6.00 – 7.00	Video Presentation to 10 men and women
7.00 – 8.00	Dinner

**WEDNESDAY 27<sup>th</sup> SEPTEMBER**

6.00 – 7.00	Breakfast
7.00 – 9.00	Health Counseling and Discussion with 10 Miners Using Brochures
9.00 – 12.00	Health Counseling and Discussion with 10 Women (Store Operators)
12.00 – 3.00	Lunch
3.00 – 4.00	Brochure Dissemination in Vicinity to 20 Miners
4.00 – 6.00	Question and Answer Session with 10 Miners
6.00 – 7.00	Video Presentation
7.00 – 8.00	Dinner

#### THURSDAY 28<sup>th</sup> SEPTEMBER

6.00 – 7.00	Breakfast
7.00 – 9.00	Consulted with Sluice Operation and Provided Pile Carpet to Test. There was disagreement between unit boss and miners over where to place the carpet with the result that it was returned unused.
9.00 – 12.00	Health Counseling with Women using Brochures
12.00 – 3.00	Lunch
3.00 – 6.00	Gold Burning: Unit Boss Pak Huda was gifted one Fauzi Retort. Used to successfully burn several small balls of amalgam with satisfactory results.
6.00 – 7.00	Video Presentation
7.00 – 8.00	Dinner

#### FRIDAY 29<sup>th</sup> SEPTEMBER

6.00 – 7.00	Breakfast
7.00 – 9.00	Brochure Distribution to 20 Miners at Location of Petak 8
9.00 – 12.00	Brochure Distribution to 20 Miners and 15 women at Location of Petak 25
12.00 – 4.00	Packed Up TDU Equipment and Camp
4.00 – 5.00	Departed Location
5.00	Depart Kereng Pangi

#### Summary:

60 Miners Contacted

20 Miners and 20 Women had close consultation and training with the TDU.

Total number of women consulted     = 20  
Total number of miners consulted     = 20  
Number of Brochures Distributed     = 130

#### Brochure Quantities

“How To Get More Gold”                 = 50  
“How to Use and Reuse Mercury”       = 50  
“Mercury and Family Health”           = 30

## **GALANGAN FIELD TEAM – Week 4 – Location: Galangan Tengah**

### **MONDAY 2<sup>nd</sup> OCTOBER**

7.00 – 9.00	Departed Palangkaraya
9.00 – 10.00	Departed Kereng Pangi
10.00 – 12.00	Established Camp Location and Conducted Socialization Activities with 30 miners from 6 units
12.00 – 1.00	Lunch
1.00 – 4.00	Constructed and Displayed Sluice-Box to 30 miners
4.00 – 7.00	Video Presentation and explanation on the use of retorts to 10 miners
7.00 – 8.00	Dinner

### **TUESDAY 3<sup>rd</sup> OCTOBER**

6.00 – 7.00	Breakfast
7.00 – 9.00	Health Counseling with 10 Miners in the Vicinity using Brochures
9.00 – 12.00	Health Counseling with 10 Women in the Vicinity using Brochures
12.00 – 3.00	Lunch
3.00 – 6.00	Discussions on amalgamation processes and mercury use with miners
6.00 – 7.00	Video Presentation
7.00 – 8.00	Dinner

### **WEDNESDAY 4<sup>th</sup> OCTOBER**

6.00 – 7.00	Breakfast
7.00 – 9.00	Health and Technical Counseling with 10 Miners using Brochures
9.00 – 12.00	Health Counseling with 5 Women using Brochures
12.00 – 1.00	Lunch
1.00 – 4.00	Explanation of Retorts to 10 Miners and Distribution of Brochures
4.00 – 5.00	Amalgam Burning: Tested the Fauzi Retort with 5 miners
5.00 – 6.00	Dinner
6.00 – 7.00	Video Presentations

### **THURSDAY 5<sup>th</sup> OCTOBER**

6.00 – 7.00	Breakfast
7.00 – 9.00	Health Counseling with Women and Miners using Brochures
9.00 – 12.00	Discussion on the safe handling and use of retorts
12.00 – 3.00	Lunch
3.00 – 6.00	Amalgamation Demonstration
6.00 – 7.00	Video Presentation
7.00 – 8.00	Dinner



FRIDAY 6<sup>th</sup> OCTOBER

6.00 – 7.00	Breakfast
7.00 – 9.00	TDU traveled to end of East Rd and was bogged in deep mud at terminus
9.00 – 12.00	Brochure Distribution at Location of Pak Jam'an with 4 Units / 20 Miners
12.00 – 3.00	Brochure Distribution at Location of Pak Rahmat with 30 Miners
3.00 – 4.00	Packed Up TDU Equipment and Broke Camp
4.00 – 5.00	Departed Location
5.00	Departed Kereng Pangi

Summary:

80 Miners Contacted

30 Miners and 10 Women had close consultation and training with the TDU.

Total number of women consulted     = 10  
Total number of miners consulted       = 30  
Number of Brochures Distributed       = 130

Brochure Quantities

“How To Get More Gold”                 = 50  
“How to Use and Reuse Mercury”       = 50  
“Mercury and Family Health”           = 30

## **GALANGAN FIELD TEAM – Week 5 – Location: Galangan Kiri / East Road**

### **MONDAY 9<sup>th</sup> OCTOBER**

7.00 – 9.00	Departed Palangkaraya
9.00 – 10.00	Departed Kereng Pangi and Vehicle Breakdown
10.00 – 3.00	Obtained Replacement Seal for Clutch from Palangkaraya
3.00 – 7.00	Repaired Clutch on Vehicle
7.00 – 8.00	Dinner

### **TUESDAY 10<sup>th</sup> OCTOBER**

6.00 – 7.00	Departed Kereng Pangi for Field
7.00 – 9.00	Health Counseling with 5 Women using Brochures
9.00 – 12.00	Socialisation using Flyers in 2 Locations: Pak Tris/ Pak Fadlan
12.00 – 2.00	Video Presentation to 20 miners at location of Pak Fadlan
2.00 – 6.00	Established TDU Camp at Location of Pak Usai
6.00 – 7.00	Video Presentations at Location of Pak Usai. 20 miners attended
7.00 – 8.00	Dinner

### **WEDNESDAY 13<sup>th</sup> OCTOBER**

6.00 – 7.00	Breakfast
8.00 – 11.00	Health Counseling with 8 Miners using Brochures proved they knew nothing about the dangers of mercury so provided explanation on the importance of gloves and how to use retorts safely
11.00 – 12.00	Health Counseling with 5 Women using Brochures
12.00 – 1.00	Lunch
1.00 – 4.00	Technical consultation with 2 mining units. Unit bosses Pak Muji and Pak Usai and 10 miners. Advised on slope angles, acceleration, water depth.
4.00 – 6.00	Amalgamation Demonstration at Amalgamation Pond Vicinity
6.00 – 7.00	Video Presentation to 20 miners at location of Pak Usai and discussion on mercury exposure and safer practices
7.00 – 8.00	Dinner

#### **Personal Reactions from Unit Bosses:**

Pak Usai : Very interested in the carpet and the retort, asked where to purchase them.

Pak Muji: Very interested in the carpet and wants to try it, says if it brings a better result he will promote to the miners.

#### **Personal Reaction from Miners:**

Positive Response but as they work in a location that does not belong to them they have to do what the location boss says, and they have to use the Hg he provides, they say they can not change the processes but can only follow their bosses.

#### THURSDAY 12<sup>th</sup> OCTOBER

6.00 – 7.00	Breakfast
8.00 – 11.00	Technical Counseling with 6 Miners using Brochures elicited high interest in sluice box design as well as where to obtain carpets and retorts. Miners here get 2 - 3 grams per day yet spend Rp. 250,000 on operation costs.
11.00 – 12.00	Health Counseling with 4 Women using Brochures
12.00 – 1.00	Lunch
1.00 – 4.00	Health Counseling with 6 Miners using Brochures
4.00 – 5.00	Amalgamation demonstration in pond of Pak Husaini
5.00 – 6.00	Dinner
6.00 – 8.00	Video Presentations to 12 Miners. Discussion about how to use retorts to prevent mercury exposure. The information was new to miners as none of them knew about the dangers of mercury.

#### FRIDAY 13<sup>th</sup> OCTOBER

6.00 – 7.00	Breakfast
7.00 – 9.00	Health Counseling and Distribution of Brochures at Location of Pak Tris
9.00 – 12.00	Health Counseling and Distribution of Brochures at Location Pak Fadlan
12.00 – 3.00	Lunch
3.00 – 4.00	Packed Up TDU Equipment and Camp
4.00 – 5.00	Departed Location
5.00	Departed Kereng Pangi

#### Conclusion (from Pak Linde):

The miners were interested and could follow the discussion and presentation they began to understand the dangers of mercury exposure and how to get more gold using an improved sluice box, how to operate the retorts and how to get more gold from the amalgamation process. However, most miners come from Java and will be returning at end of week to be replaced by different, new miners. Also, they maintain that they are compelled to use Mercury in the quantities in which they are provided at this site.

#### Summary:

60 Miners Contacted

60 Miners and 10 Women had close consultation and training with the TDU.

Total number of women consulted = 10  
Total number of miners consulted = 60  
Number of Brochures Distributed = 130

#### Brochure Quantities

“How To Get More Gold” = 50  
“How to Use and Reuse Mercury” = 50  
“Mercury and Family Health” = 30