

**SGS**

k. Preparat.

m-9A1A095

**Test Report**

1102546

Date : 30-Sep-2005

Page 1 of 1

**Client : P.T.K. Mining Co.,Ltd.**  
**51/3 Vipavadee Tower, 17th Floor, R.#4, Ngamwongwan Rd.,**  
**Lardyaow, Jatujak, Bangkok 10900 Thailand**

The below sample submitted by client as:

Sample Description : Iron Ore  
 Sample No. : 1113246  
 Sample Code/Reference : PA 05-09-07 #01  
 Mark / Reference : Phu Ang Deposit, T.Nadindam, Amphur Muang, Loei, Thailand  
 Date Received : 26-Sep-2005                      Date Commenced : 26-Sep-2005

Test Items	Method	Results	Units
Total Iron (Fe)	Volumetric	65.65	%
Silicon Dioxide (SiO <sub>2</sub> )	Gravimetric	0.40	%
Aluminium oxide (Al <sub>2</sub> O <sub>3</sub> )	ICP	0.76	%
Phosphorus (P)	Based on ASTM E 278 - 01	0.02	%

\*\*\*\*\* End of Report \*\*\*\*\*

Signed for and on behalf of  
 SGS (Thailand) Limited



Sopha Tocheep  
 Laboratory Co-ordinator

**804003** This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the company.



Test Report

1102547

Date : 30-Sep-2005

Page 1 of 1

**Client : P.T.K. Mining Co.,Ltd.**  
**51/3 Vipavadee Tower, 17th Floor, R.#4, Ngamwongwan Rd.,**  
**Lardyaow, Jatujak, Bangkok 10900 Thailand**

The below sample submitted by client as:

Sample Description : Iron Ore  
 Sample No. : 1113247  
 Sample Code/Reference : PA 05-09-07 #02  
 Mark / Reference : Phu Ang Deposit, T.Nadindam, Amphur Muang, Loei, Thailand  
 Date Received : 26-Sep-2005 Date Commenced : 26-Sep-2005

Test Items	Method	Results	Units
Total Iron (Fe)	Volumetric	65.57	%
Silicon Dioxide (SiO <sub>2</sub> )	Gravimetric	0.43	%
Aluminium oxide (Al <sub>2</sub> O <sub>3</sub> )	ICP	0.43	%
Phosphorus (P)	Based on ASTM E 278 - 01	0.02	%

\*\*\*\*\* End of Report \*\*\*\*\*

Signed for and on behalf of  
 SGS (Thailand) Limited

Sopha Tocheep  
 Laboratory Co-ordinator

**804004** This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the company.



Test Report

1102548

Date : 30-Sep-2005

Page 1 of 1

**Client : P.T.K. Mining Co.,Ltd.**  
**51/3 Vipavadee Tower, 17th Floor, R.#4, Ngamwongwan Rd.,**  
**Lardyaow, Jatujak, Bangkok 10900 Thailand**

The below sample submitted by client as:

Sample Description : Iron Ore  
 Sample No. : 1113248  
 Sample Code/Reference : PA 05-09-07 #04  
 Mark / Reference : Phu Ang Deposit, T.Nadindam, Amphur Muang, Loei, Thailand  
 Date Received : 26-Sep-2005 Date Commenced : 26-Sep-2005

Test Items	Method	Results	Units
Total Iron (Fe)	Volumetric	65.65	%
Silicon Dioxide (SiO <sub>2</sub> )	Gravimetric	0.08	%
Aluminium oxide (Al <sub>2</sub> O <sub>3</sub> )	ICP	0.71	%
Phosphorus (P)	Based on ASTM E 278 - 01	0.02	%

..... End of Report .....

**Signed for and on behalf of**  
**SGS (Thailand) Limited**

**Sopha Tocheep**  
**Laboratory Co-ordinator**

**804005** This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the company.



Test Report

1102549

Date : 30-Sep-2005

Page 1 of 1

Client : **P.T.K. Mining Co.,Ltd.**  
**51/3 Vipavadee Tower, 17th Floor, R.#4, Ngamwongwan Rd.,**  
**Lardyaow, Jatujak, Bangkok 10900 Thailand**

The below sample submitted by client as:

Sample Description : Iron Ore  
 Sample No. : 1113249  
 Sample Code/Reference : PA 05-09-08 #01  
 Mark / Reference : Phu Ang Deposit, T.Nadindam, Amphur Muang, Loei, Thailand  
 Date Received : 26-Sep-2005 Date Commenced : 26-Sep-2005

Test Items	Method	Results	Units
Total Iron (Fe)	Volumetric	65.64	%
Silicon Dioxide (SiO <sub>2</sub> )	Gravimetric	0.28	%
Aluminium oxide (Al <sub>2</sub> O <sub>3</sub> )	ICP	0.42	%
Phosphorus (P)	Based on ASTM E 278 - 01	0.02	%

\*\*\*\*\* End of Report \*\*\*\*\*

Signed for and on behalf of  
 SGS (Thailand) Limited

Sopha Tocheep  
 Laboratory Co-ordinator

804006 This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the company.