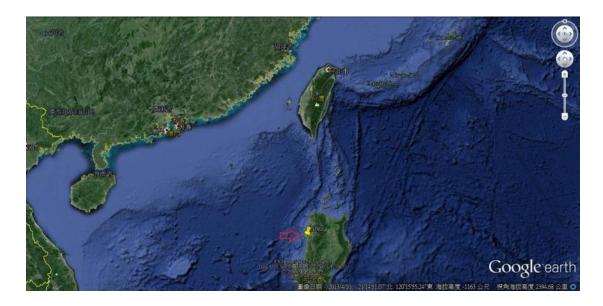
## **Gravel Project for Abra River in Philippines**

## 1. Location:

The project site is located by the Abra River in the Province of Ilocos Sur at the northwestern portion of Luzon Island in Philippine. Abra River's total length is 178 kilometer, which flows from northeast to west into South China Sea. The project site covers 12.5 miles of the downstream from the point it meets the Sea. The site is about 391 kilometers by bus from Metro Manila. Google Earth's APN: 17 30'54N, 120 24'10E





## 2. Types of Gravel:

In compliance with the local government's requirements, gravel are pumped from the bottom of the river by means of dredging, and separated into iron ore, white sand, and pebbles. There are

approximately 4 million tons of pebbles and 15-20 million tons of reclamation sand per year. Our reclamation sand contains minimum amount of mud compared to those from direct extraction. Since the reclamation sand is placed on the shore after pumped out from the river for water to be dissipated, which is more favorable to customers. To meet our customers' needs, we can break pebbles into desirable sizes per customers' request.

#### 3. Present Status:

- A. 12 dredging boats and barges of various types are in operation.
- B. All valid Mining, Environmental and Exporting permit are available.
- C. Safety reports of the gravel components are attached

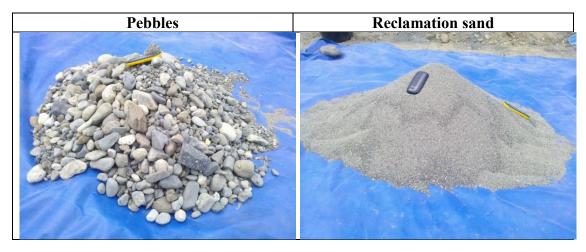
#### 4. Stable Production:

Initial capacity of production: After eliminating rock and metallic sand from the daily extracted quantity(appr. 20,000 tons), production quantity as follows:

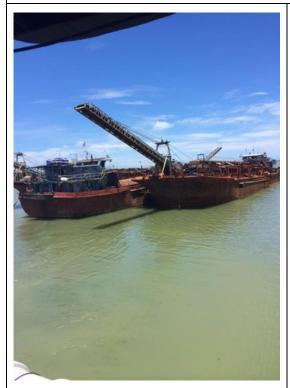
Reclamation sand, mainly used for land reclamation, is 12,600 tons per day; Pebbles, used as building material, is 6,000 tons per day (can be broken into desirable sizes per customers' request)

Capacity of production after 3 months: An extra production line will be commenced after 3 months and the daily extracted quantity will be increased to 50,000 tons, production quantity will be increased as follows:

Reclamation sand, mainly used for land reclamation, is 31,500 tons per day; Pebbles, used as building material, is 15,000 tons per day(can be broken into desirable sizes per customers' request). For transportation, 50,000 tons freighter is recommended. We can provide freighter upon request.



# Dredging Boat, Dorms & Quarry



























Materialngineering Laboratory-Douliou

Test Report

REPORT NO : DB-13-02543Y

C-13-07522

PAGE OF

: 1 OF 2

REPORT DATE: OCT. 8, 2013

Applicant:

Keen Peak Technology Corp.

Sample Name:

Sample Submitted By:

Keen Peak Technology Corp.

Date of Sample Received: Spe. 30, 2013

Date of Testing:

Spe. 30, 2013~Oct. 8, 2013

Testing Method:

CNS 486(2001)

Remark:

The information mentioned in the above section is provided by Client

(Exclude Date of Sample Received and Date of Testing)

#### TEST RESULTS:

Sieves Size	Retained percentage	Total Percentage	Passing Percentage		
Sieves Size	(%)	(%)	(%)		
9.5mm(3/8 in)	0	0	100		
4.75mm (No.4)	0	0	100		
2.36mm (No.8)	0	0	100		
1.18mm (No.16)	0	0	100		
600μm (No.30)	0	0	100		
300μm (No.50)	82	82	18		
150µm (No.100)	18	100	0		
75μm (No.200)	0	100	0		
F.M.(fineness modulus):		1.82			

The required specification(s) offered in this test report is/are for reference Only. The conformity judgment is at the Applicant's final verdict.

SGS Taiwan Ltd.

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Materialngineering Laboratory-Douliou

Test Report

: DB-13-02543Y

C-13-07522

PAGE OF

REPORT NO

: 2 OF 2

REPORT DATE: OCT. 8, 2013

#### **TEST RESULTS:**

TEST ITEM	TEST METHOD	TEST RESULTS		
Materials Finer Than 75μm (NO.200) Sieve (%)	CNS 491(2001) Procedure A	0.1		

The required specification(s) offered in this test report is/are for reference Only. The conformity judgment is at the Applicant's final verdict.

Signed for and on behalf of

SGS Taiwan Ltd.

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TWA 8 0 1 2 7 1 5

Member of SGS Group

## Environmental Technology Research Center YUAN ZE UNIVERSITY Analysis Report

Client:	KEEN PEA	AK TECHNOLOGY CORP.	Clie	nt Number:	NS102310		
Address:	No. 113, Jian	No. 113, Jian Xing Road, Bao Zhuang Village, Dou Sam		pling Date: 10/09/2			
Plant:	Liu City, Yunlin County, Taiwan, R.O.C. KEEN PEAK TECHNOLOGY CORP.		Sam	ple Received:			
Industrial Type:	REEN PEAK TECHNOLOGY CORP.		-	ort Date:	10/11/2013		
Sampling Site:	0 0 70	AK TECHNOLOGY CORP		ort Date: ort Number:	10/30/2013 NS102310-1		
		KEEN PEAK TECHNOLOGY CORP. KEEN PEAK TECHNOLOGY CORP.		tact:	Hsiu Yun Chen		
Sample Report Number		N1021011D	COAR	l l	11314 14	1	
				1			
Sample Name(Num	<del></del>	Soil		Analytical Method R		Remarks	
Analyzed Item	Unit	Analytical Value					
Si	%	36.6		NIEA M353.01C/ NIEA M104.01C			
As	mg/kg	2.60		NIEA M353.01C/ NIEA R318.12C			
Se	mg/kg	ND		NIEA M353.01C/ NIEA R300.10C		MDL =0.0029	
Hg	mg/kg	0.007		NIEA M317.03B			
Ca	mg/kg	2470		NIEA M353.01C/ NIEA M111.01C			
Mg	mg/kg	6660		NIEA M353.01C/ NIEA M111.01C			
Na	mg/kg	1230		NIEA M353 NIEA M11			
К	mg/kg	344		NIEA M353 NIEA M11	10070.700703		
Cu	mg/kg	32.8		NIEA R305.21C			
Ni	mg/kg	8.66		NIEA R304.21C			
Fe	mg/kg	17400		NIEA M353.01C/ NIEA M111.01C			
Mn	mg/kg	402		NIEA M353.01C/ NIEA M111.01C			
Cr	mg/kg	5.71		NIEA R303	3.21C		

#### Notes:

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- 3. The symbol "\*" marked before the data represents that the measurement is between 3.3\* MDL (for reference only);
- 4. This sample report contains two pages.

Affiliation: Yuan Ze University

Verification

Report Referee

Chao- Yen Wang



P1/2

## Environmental Technology Research Center YUAN ZE UNIVERSITY Analysis Report

Client:	KEEN DE	AK TECHNOLOGY CORP.	CI.	4 37 1	NIG10001		
Address:		XX TECHNOLOGY CORP.  Xing Road, Bao Zhuang Village, Dou			NS102310		
Audress:		nlin County, Taiwan, R.O.C.	Sam	Sampling Date:		10/09/2013	
Plant:		KEEN PEAK TECHNOLOGY CORP.		ple Received:	10/11/2013		
Industrial Type:				Report Date:		10/30/2013	
Sampling Site:	KEEN PEA	AK TECHNOLOGY CORP.	Report Number:		NS102310-1		
Sampling Organization:	ng Organization: KEEN PEAK TECHNOLOGY CORP.		Con	tact:	Hsiu Yun Chen		
Sample Report Nu	mber	N1021011D		N 100			
Sample Name(Nun	nber)	Soil	3384477776	Analytical N	<b>1ethod</b>	Remarks	
Analyzed Item	Unit	Analytical Value		1			
РЬ	mg/kg	7.98		NIEA R319.21C			
Zn	mg/kg	36.2		NIEA R307.21C			
Li	mg/kg	5.93	,	NIEA M353.01C/ NIEA M104.01C			
Ba	mg/kg	8.61		NIEA M353.01C/ NIEA M104.01C			
Со	mg/kg	5.55		NIEA M353.01C/ NIEA M104.01C			
Al	mg/kg	18800		NIEA M353.01C/ NIEA M104.01C			
Ga	mg/kg	64.0		NIEA M353 NIEA M104			
Ве	mg/kg	0.25		NIEA M353 NIEA M104			
Ti	mg/kg	645		NIEA M353 NIEA M104			
Sr	mg/kg	69.1		NIEA M353 NIEA M104			
THE END							
		-					
					***		

#### Notes:

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- This report is responsible to the sampling sample only. No part of this report may be reproduced without written permission, and for advertising;
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- 4. This sample report contains two pages.

Affiliation: Yuan Ze University

Verification

Report Referee

Chao-Yen Wang



P2/2