

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving Public Works and Government
Services Canada/Réception des soumissions Travaux
publics et Services gouvernementaux Canada
800 Burrard Street, 12th floor
800, rue Burrard, 12e étage
Vancouver
British Columbia
V6Z 2V8
Bid Fax: (604) 775-9381

SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise
indicated, all other terms and conditions of the Solicitation
remain the same.

Ce document est par la présente révisé; sauf indication contraire,
les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
Public Works and Government Services Canada -
Pacific Region
800 Burrard Street, 12th floor
800, rue Burrard, 12e étage
Vancouver
British C
V6Z 2V8

Title - Sujet Concassage, transport et mise en dé	
Solicitation No. - N° de l'invitation E0276-132176/A	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client	Date 2013-02-05
GETS Reference No. - N° de référence de SEAG PW-\$PWY-004-6901	
File No. - N° de dossier PWY-2-35240 (004)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-02-11	
Time Zone Fuseau horaire Pacific Standard Time PST	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Mestry, Ruth (PWY)	Buyer Id - Id de l'acheteur pwy004
Telephone No. - N° de téléphone (604) 775-9385 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: PWGSC - km509.3 Alaska Highway, BC	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

Solicitation No. - N° de l'invitation

E0276-132176/A

Amd. No. - N° de la modif.

003

Buyer ID - Id de l'acheteur

pw004

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No/ N° VME

PWY-2-35240

EXTENTION OF TIME

REQUISITION NUMBER: E0276-132176/A

**Alaska Highway, B.C., Km 509.3
Gravel Crushing, Hauling & Stockpiling**

Notice is hereby given that the time for the reception of tenders previously due at 2:00 PM (PST) - 07 February 2013 is extended to 2:00 PM (PST) - 11 February 2013.

Solicitation No. - N° de l'invitation

E0276-132176/A

Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.

003

File No. - N° du dossier

PWY-2-35240

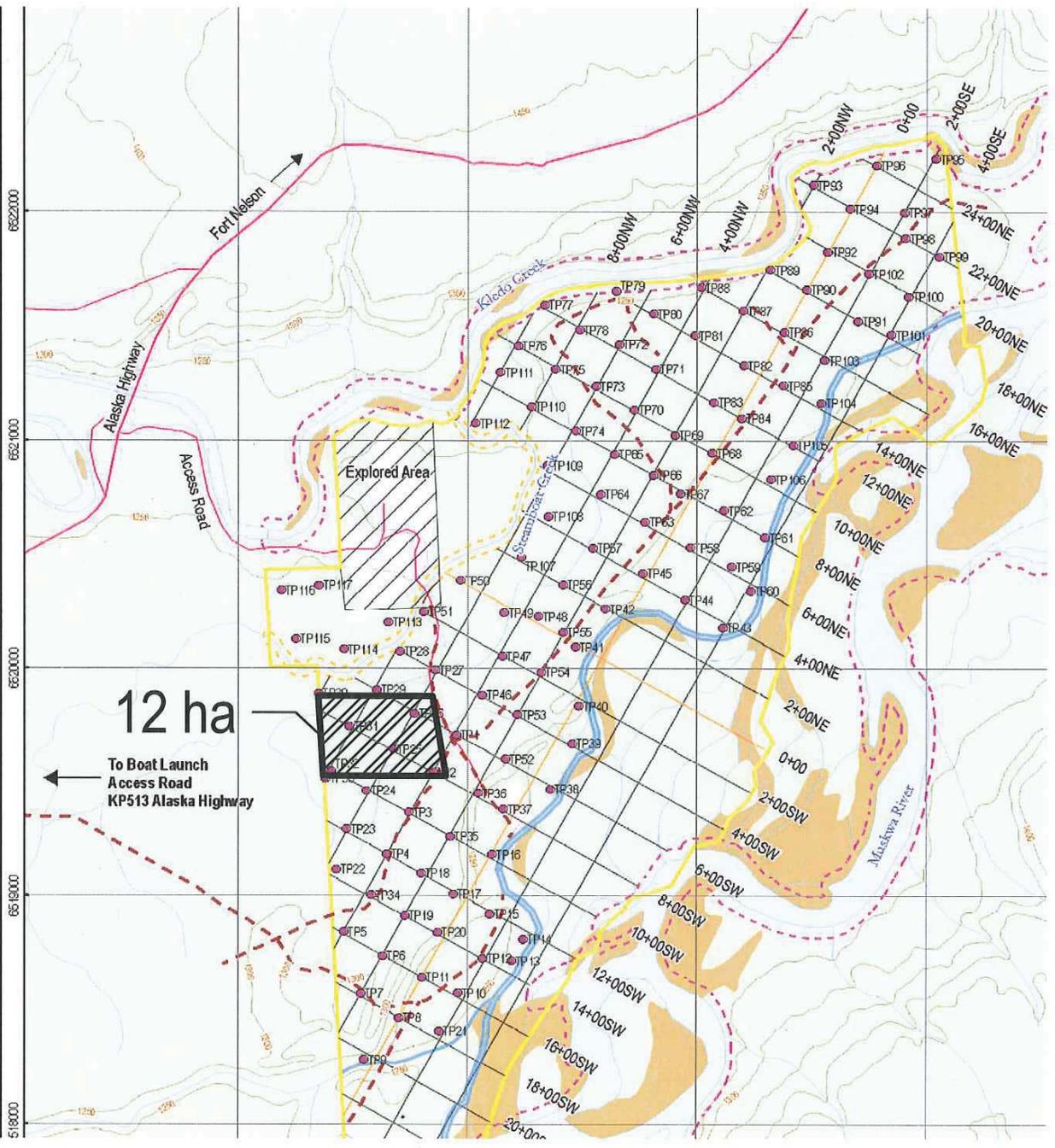
Buyer ID - Id de l'acheteur

pw004

CCC No./N° CCC - FMS No/ N° VME

**The following changes/clarifications in the tender documents are effective immediately.
This addendum will form part of the contract documents.**

Attached is the missing drawing from Addendum No. 1.



project title		titre du projet		drawing title		titre du dessin			
Clearing Gravel Pits km 509.3 and km 568.9 and R.O.W. km 555-571 Alaska Highway, BC				Klledo Creek Pit Clearing Areas					
 Public Works and Government Services Canada REAL PROPERTY SERVICES Pacific Region	Travaux publics et Services gouvernementaux Canada	designed by	conçu par	drawn by	dessiné par	scale	échelle	date	date
		AHP	AHP	AHP	AHP	NOT TO SCALE	January 2010		
		approved by		approved by		project no.	projet no.		
PWGSC Project Manager		Administrateur de Projets		sheet		feuille			
Ron Iverson		TPSGC		08					

GRANULAR EVALUATION	CLIENT: PWGSC	TESTPIT NO: V33101023-TP02
Kledo Creek Source	EXCAVATOR: CAT 322B	PROJECT NO: V33101023
North of Fort Nelson, BC	6519545N; 471849E; Zone 10	

SAMPLE TYPE	<input checked="" type="checkbox"/> GRAB SAMPLE	<input type="checkbox"/> NO RECOVERY	<input checked="" type="checkbox"/> BULK	<input type="checkbox"/> CRREL CORE	<input type="checkbox"/> SHELBY TUBE	<input type="checkbox"/> GRAB CORE
BACKFILL TYPE	<input checked="" type="checkbox"/> BENTONITE	<input type="checkbox"/> PEA GRAVEL	<input type="checkbox"/> SLOUGH	<input type="checkbox"/> GROUT	<input type="checkbox"/> DRILL CUTTINGS	<input type="checkbox"/> SAND

Depth (m)	LITHOLOGICAL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	GROUND ICE DESCRIPTION AND COMMENTS	PLASTIC M.C. LIQUID				Depth (ft)
					CLAY (%)	SILT (%)	SAND (%)	GRAVEL (%)	
0	LFH 0 to 4 cm SILT - organics, damp, loose, dark brown								0
	SAND - medium grained, poorly graded, damp, dark brown								
1	COBBLE and GRAVEL - bouldery (~20%), some sand (~15-20%), trace silt, rounded		1						1
2			4						5
2.06/04/09			3						06/04/09
3			2						10
4									
4.25	END OF TEST PIT 4.25 m - excessive sloughing - standing water								15
5									
6									20
6.5									21

 EBA Engineering Consultants Ltd.	LOGGED BY: T. Takeda	COMPLETION DEPTH: 4.25m
	REVIEWED BY: JTD	COMPLETE: 6/4/2009
	DRAWING NO:	Page 1 of 1

SIEVE ANALYSIS REPORT

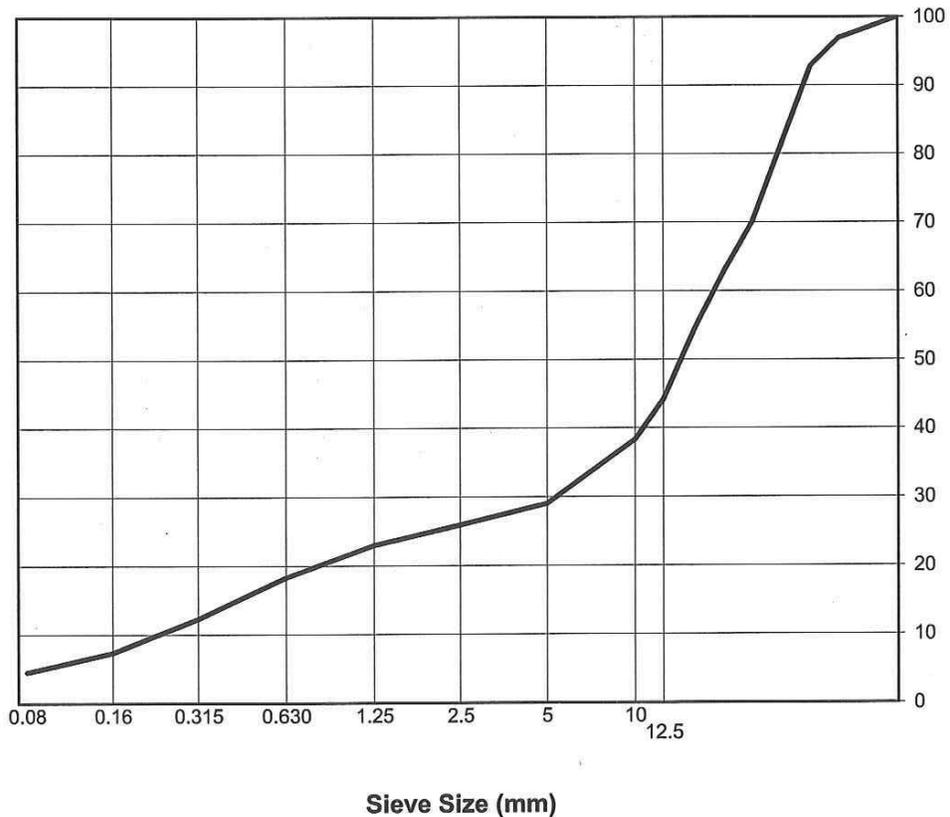
Washed Sieve: ASTM C136 and C117

Project No.: V33101023
 Project: Call #3 - Geo.Inv.at Alaska Hwy km 509
 Client: Public Works & Govt. Services Canada
 Attention: John Gerolamy
 Email: john.Gerolamy@gwgsc-tpsgc.gc.ca
 Description: GRAVEL - sandy, trace silt
 Source: Kledo Pit
 Sample Location: Depth: 1.2m - 1.8m

Sample No.: TP 2 - 4
 Date Sampled: June 4, 2009
 Sampled by: _____
 Date Tested: July 1, 2009
 Tested by: MC Office: Edmonton
 Moisture Content: 4.1%
 No. Crushed Faces Two (2) or Three (3)
 Crushed Faces _____

Supplier: _____

Sieve Size	Percent Passing
80	100
50	97
40	93
25	70
20	63
16	55
12.5	44
10	38
5	29
2.5	26
1.25	23
0.63	18
0.315	12
0.16	7
0.08	4.5



Remarks: _____
Granular Subsurface Investigation

Reviewed By: _____ P.Eng

Data presented hereon is for the sole use of the stipulated client. EBA is not responsible, nor can be held liable, for use made of this report by any other party, with or without the knowledge of EBA. The testing services reported herein have been performed by an EBA technician to recognized industry standards, unless otherwise noted. No other warranty is made. These data do not include or represent any interpretation or opinion of specification compliance or material suitability. Should engineering interpretation be required, EBA will provide it upon written request.

GRANULAR EVALUATION	CLIENT: PWGSC	TESTPIT NO: V33101023-TP25
Kledo Creek Source	EXCAVATOR: CAT 322B	PROJECT NO: V33101023
North of Fort Nelson, BC	6519645N; 471675E; Zone 10	

SAMPLE TYPE	<input type="checkbox"/> GRAB SAMPLE	<input checked="" type="checkbox"/> NO RECOVERY	<input checked="" type="checkbox"/> BULK	<input type="checkbox"/> CRREL CORE	<input type="checkbox"/> SHELBY TUBE	<input type="checkbox"/> GRAB CORE
BACKFILL TYPE	<input type="checkbox"/> BENTONITE	<input type="checkbox"/> PEA GRAVEL	<input type="checkbox"/> SLOUGH	<input type="checkbox"/> GROUT	<input type="checkbox"/> DRILL CUTTINGS	<input type="checkbox"/> SAND

Depth (m)	LITHOLOGICAL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	GROUND ICE DESCRIPTION AND COMMENTS	Soil Composition (%)				Depth (ft)
					CLAY (%)	SILT (%)	SAND (%)	GRAVEL (%)	
0	LFH 0 to 5 cm SILT - organics, damp, loose, dark brown SAND - trace silt, fine grained, poorly graded, damp, loose, dark brown		1						0
1	GRAVEL - sandy, some cobbles, trace boulders, trace silt; sand is medium grained, grey-brown		2						3
2			3						6
3			4						9
4	END OF TEST PIT @ 4.0 m - excessive sloughing - standing water								13
5									16
6									19
6.5									21

 EBA Engineering Consultants Ltd.	LOGGED BY: T. Takeda	COMPLETION DEPTH: 4m
	REVIEWED BY: JTD	COMPLETE: 6/11/2009
	DRAWING NO:	Page 1 of 1

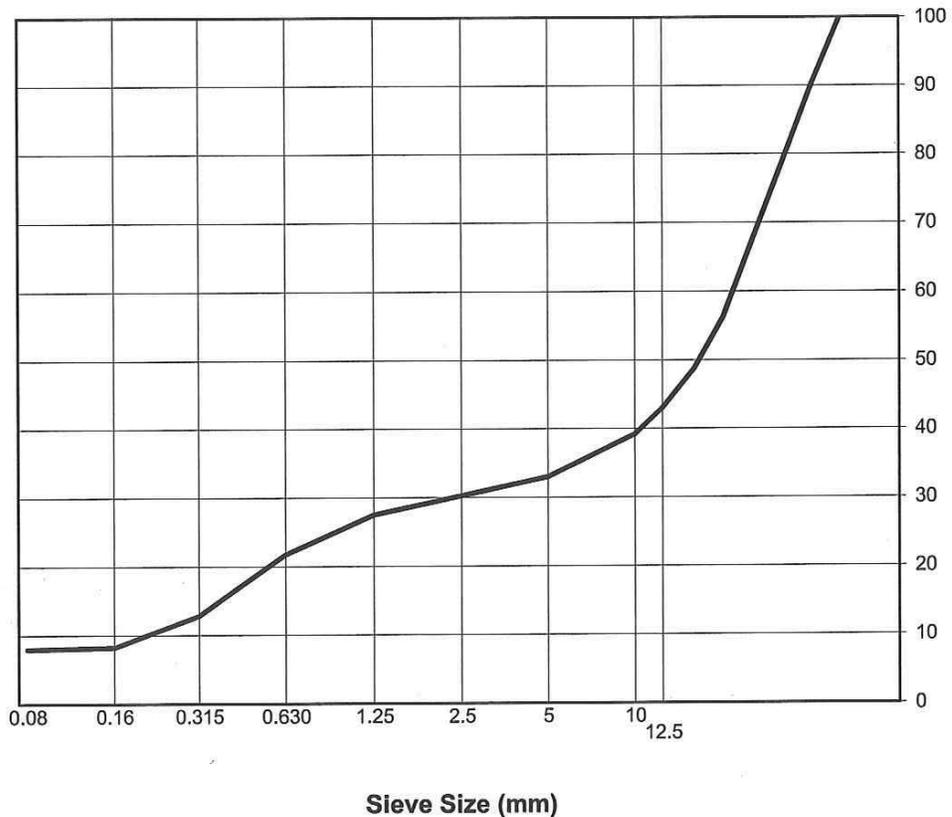
SIEVE ANALYSIS REPORT

Washed Sieve: ASTM C136 and C117

Project No.: <u>V33101023</u>	Sample No.: <u>TP 25 - 2</u>
Project: <u>PWGSC SO Call#3-Geo.Inv.at Alaska H</u>	Date Sampled: <u>June 11, 2009</u>
Client: <u>Public Works & Govt. Services Canada</u>	Sampled by: _____
Attention: <u>John Gerolamy</u>	Date Tested: <u>July 28, 2009</u>
Email: <u>john.Gerolamy@gwgsc-tpsgc.gc.ca</u>	Tested by: <u>MC</u> Office: <u>Edmonton</u>
Description: <u>GRAVEL - sandy, trace silt</u>	Moisture Content: <u>3.4%</u>
Source: <u>Kledo Pit</u>	No. Crushed Faces <u>Two (2)</u> or <u>Three (3)</u>
Sample Location: <u>Depth: 1.5m - 2.0m</u>	Crushed Faces _____

Supplier: _____

Sieve Size	Percent Passing
50	100
40	90
25	67
20	56
16	49
12.5	43
10	39
5	33
2.5	30
1.25	28
0.63	22
0.315	13
0.16	8
0.08	8.0



Remarks: _____
 Granular Subsurface Investigation

Reviewed By: _____ P.Eng

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GRANULAR EVALUATION	CLIENT: PWGSC	TESTPIT NO: V33101023-TP26
Kledo Creek Source	EXCAVATOR: CAT 322B	PROJECT NO: V33101023
North of Fort Nelson, BC	6519802N; 471768E; Zone 10	

SAMPLE TYPE	<input type="checkbox"/> GRAB SAMPLE	<input type="checkbox"/> NO RECOVERY	<input checked="" type="checkbox"/> BULK	<input type="checkbox"/> CRREL CORE	<input type="checkbox"/> SHELBY TUBE	<input type="checkbox"/> GRAB CORE
BACKFILL TYPE	<input type="checkbox"/> BENTONITE	<input type="checkbox"/> PEA GRAVEL	<input type="checkbox"/> SLOUGH	<input type="checkbox"/> GROUT	<input type="checkbox"/> DRILL CUTTINGS	<input type="checkbox"/> SAND

Depth (m)	LITHOLOGICAL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	GROUND ICE DESCRIPTION AND COMMENTS	Bulk Density (kg/m³)		PLASTIC M.C.		LIQUID		Depth (ft)
					500	1000	20	40	60	80	
0	LFH 0 to 4 cm SILT - organics, damp, loose, dark brown SAND - trace silt, fine grained, poorly graded, damp, loose, dark brown		1								0
1	GRAVEL - sandy, some cobbles, trace boulders, trace silt, rounded, medium grained, grey brown		2								1
2	SAND (~40%) and GRAVEL (~40%) - some cobbles (~15%), trace boulders		3 4								2
3			5								3
4			6								4
5	END OF TEST PIT @ 4.5 m - excessive sloughing - standing water										5
6											6
6.5											6.5

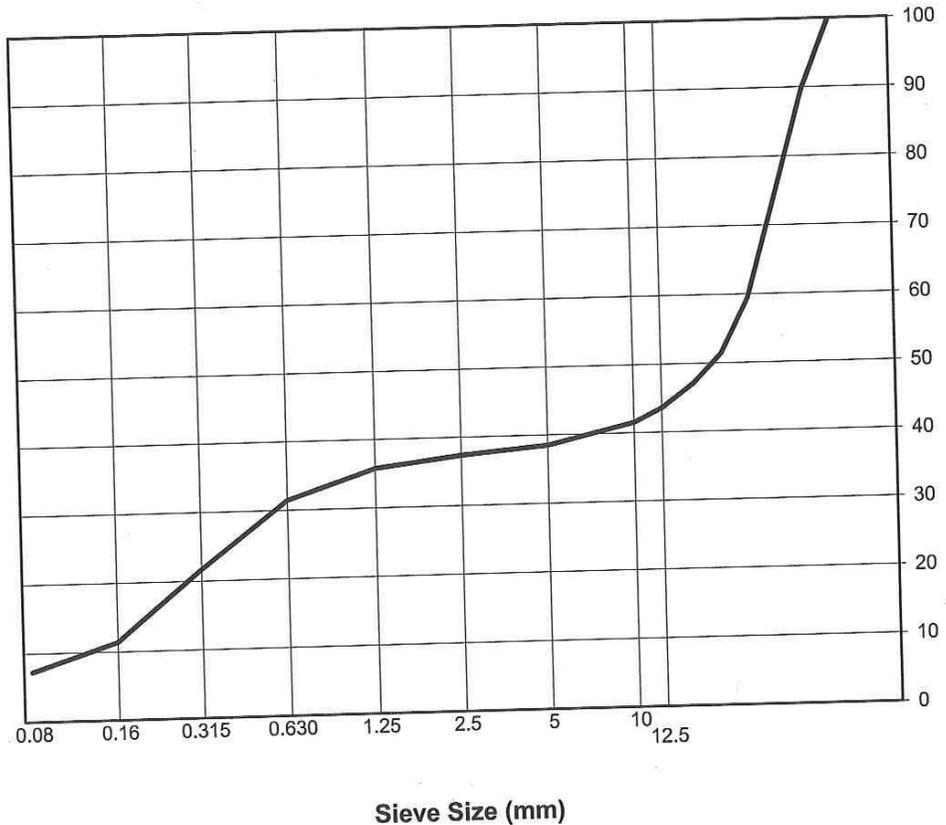
 EBA Engineering Consultants Ltd.	LOGGED BY: T. Takeda	COMPLETION DEPTH: 4.5m
	REVIEWED BY: JTD	COMPLETE: 6/11/2009
	DRAWING NO:	Page 1 of 1

SIEVE ANALYSIS REPORT

Washed Sieve: ASTM C136 and C117

Project No.: <u>V33101023</u> Project: <u>PWGSC SO Call#3-Geo.Inv.at Alaska H</u> Client: <u>Public Works & Govt. Services Canada</u> Attention: <u>John Gerolamy</u> Email: <u>john.Gerolamy@gwgsc-tpsgc.gc.ca</u> Description: <u>GRAVEL - sandy, trace silt</u> Source: <u>Kledo Pit</u> Sample Location: <u>Depth: 1.6m - 2.2m</u> Supplier: _____	Sample No.: <u>TP 26 - 3</u> Date Sampled: <u>June 11, 2009</u> Sampled by: _____ Date Tested: <u>July 28, 2009</u> Tested by: <u>MC</u> Office: <u>Edmonton</u> Moisture Content: <u>5.2%</u> No. Crushed Faces <u>Two (2)</u> or <u>Three (3)</u> Crushed Faces _____
--	--

Sieve Size	Percent Passing
50	100
40	90
25	59
20	51
16	47
12.5	44
10	42
5	39
2.5	37
1.25	36
0.63	31
0.315	22
0.16	11
0.08	7.3



Remarks: _____
Granular Subsurface Investigation

Reviewed By: _____ P.Eng

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GRANULAR EVALUATION	CLIENT: PWGSC	TESTPIT NO: V33101023-TP29
Kledo Creek Source	EXCAVATOR: CAT 322B	PROJECT NO: V33101023
North of Fort Nelson, BC	6519906N; 471602E; Zone 10	

SAMPLE TYPE GRAB SAMPLE NO RECOVERY BULK CRREL CORE SHELBY TUBE GRAB CORE
 BACKFILL TYPE BENTONITE PEA GRAVEL SLOUGH GROUT DRILL CUTTINGS SAND

Depth (m)	LITHOLOGICAL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	GROUND ICE DESCRIPTION AND COMMENTS	Bulk Density (kg/m³)		PLASTIC M.C. LIQUID		CLAY (%)		SILT (%)		SAND (%)		GRAVEL (%)		Depth (ft)
					500	1000	20	40	60	80	20	40	60	80	20	40	
0	LFH 0 to 5 cm SILT - organics, damp, loose, dark brown to black																0
	SAND - trace organics, rounded, damp, loose, dark brown																
1			1														
	GRAVEL - sandy, trace cobbles, trace boulders, trace silt, rounded																
2			2														
3			3														
4			4														
4.2	END OF TEST PIT @ 4.2 m - excessive sloughing - standing water																
5																	
6																	
6.5																	

 EBA Engineering Consultants Ltd.	LOGGED BY: T. Takeda	COMPLETION DEPTH: 4.2m
	REVIEWED BY: JTD	COMPLETE: 6/12/2009
	DRAWING NO:	Page 1 of 1

GRANULAR EVALUATION	CLIENT: PWGSC	TESTPIT NO: V33101023-TP30
Kledo Creek Source	EXCAVATOR: CAT 322B	PROJECT NO: V33101023
North of Fort Nelson, BC	6519890N; 471348E; Zone 10	

SAMPLE TYPE	<input type="checkbox"/> GRAB SAMPLE	<input type="checkbox"/> NO RECOVERY	<input checked="" type="checkbox"/> BULK	<input type="checkbox"/> CRREL CORE	<input type="checkbox"/> SHELBY TUBE	<input type="checkbox"/> GRAB CORE
BACKFILL TYPE	<input type="checkbox"/> BENTONITE	<input type="checkbox"/> PEA GRAVEL	<input type="checkbox"/> SLOUGH	<input type="checkbox"/> GROUT	<input type="checkbox"/> DRILL CUTTINGS	<input type="checkbox"/> SAND

Depth (m)	LITHOLOGICAL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	GROUND ICE DESCRIPTION AND COMMENTS	Soil Properties				Depth (ft)
					Bulk Density (kg/m ³)	PLASTIC M.C.	LIQUID	GRAVEL (%)	
0	LFH 0 to 5 cm SILT - organics, damp, loose, dark brown		1						0
1	GRAVEL - sandy, some cobbles, trace boulders, rounded; sand is medium grained, poorly graded, damp, loose, grey brown		2						1
2			3						2
2.7	END OF TEST PIT @ 2.7 m - excessive sloughing - standing water		4						2.7
3									3
4									4
5									5
6									6
6.5									6.5



EBA Engineering Consultants Ltd.

LOGGED BY: T. Takeda	COMPLETION DEPTH: 2.7m
REVIEWED BY: JTD	COMPLETE: 6/12/2009
DRAWING NO:	Page 1 of 1

SIEVE ANALYSIS REPORT

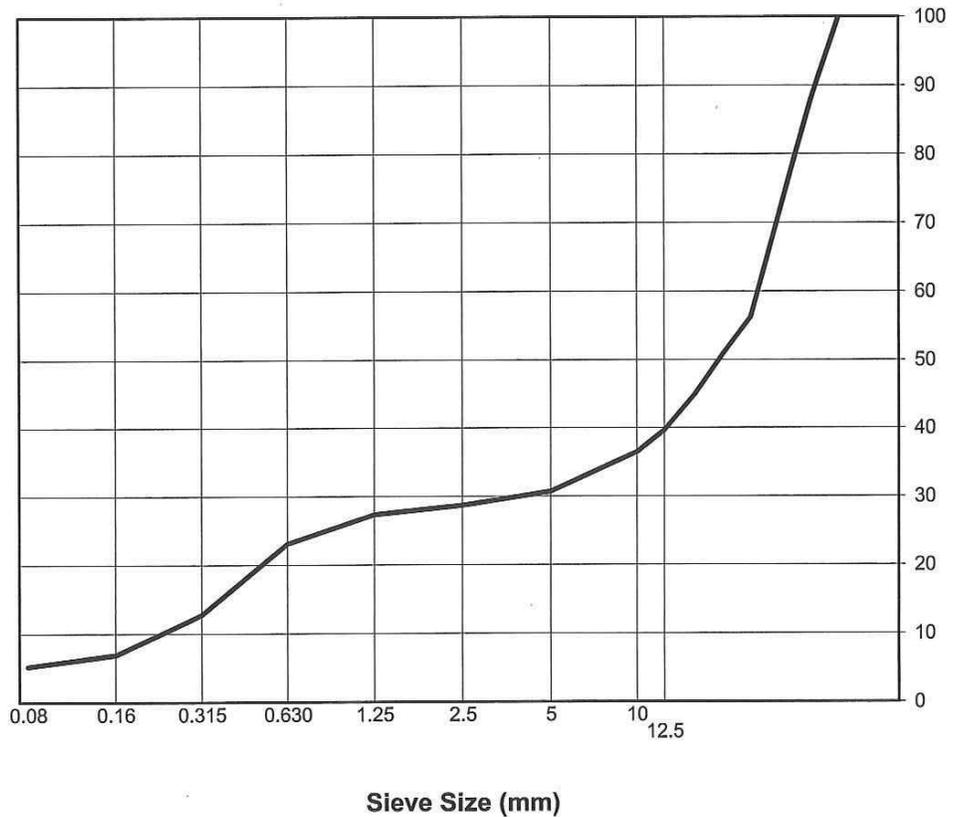
Washed Sieve: ASTM C136 and C117

Project No.: V33101023
 Project: Call #3 - Geo.Inv.at Alaska Hwy km 509
 Client: Public Works & Govt. Services Canada
 Attention: John Gerolamy
 Email: john.Gerolamy@gwgsc-tpsgc.gc.ca
 Description: GRAVEL - sandy, trace silt
 Source: Kledo Pit
 Sample Location: Depth: 1.0-1.5m

Sample No.: TP 30-3
 Date Sampled: June 12, 2009
 Sampled by: _____
 Date Tested: July 27, 2009
 Tested by: SB Office: Edmonton
 Moisture Content: 3.9%
 No. Crushed Faces Two (2) or Three (3)
 Crushed Faces _____

Supplier: _____

Sieve Size	Percent Passing
50	100
40	88
25	56
20	51
16	45
12.5	40
10	36
5	31
2.5	29
1.25	27
0.63	23
0.315	13
0.16	7
0.08	5.2



Remarks: _____
Granular Subsurface Investigation

Reviewed By: _____ P.Eng

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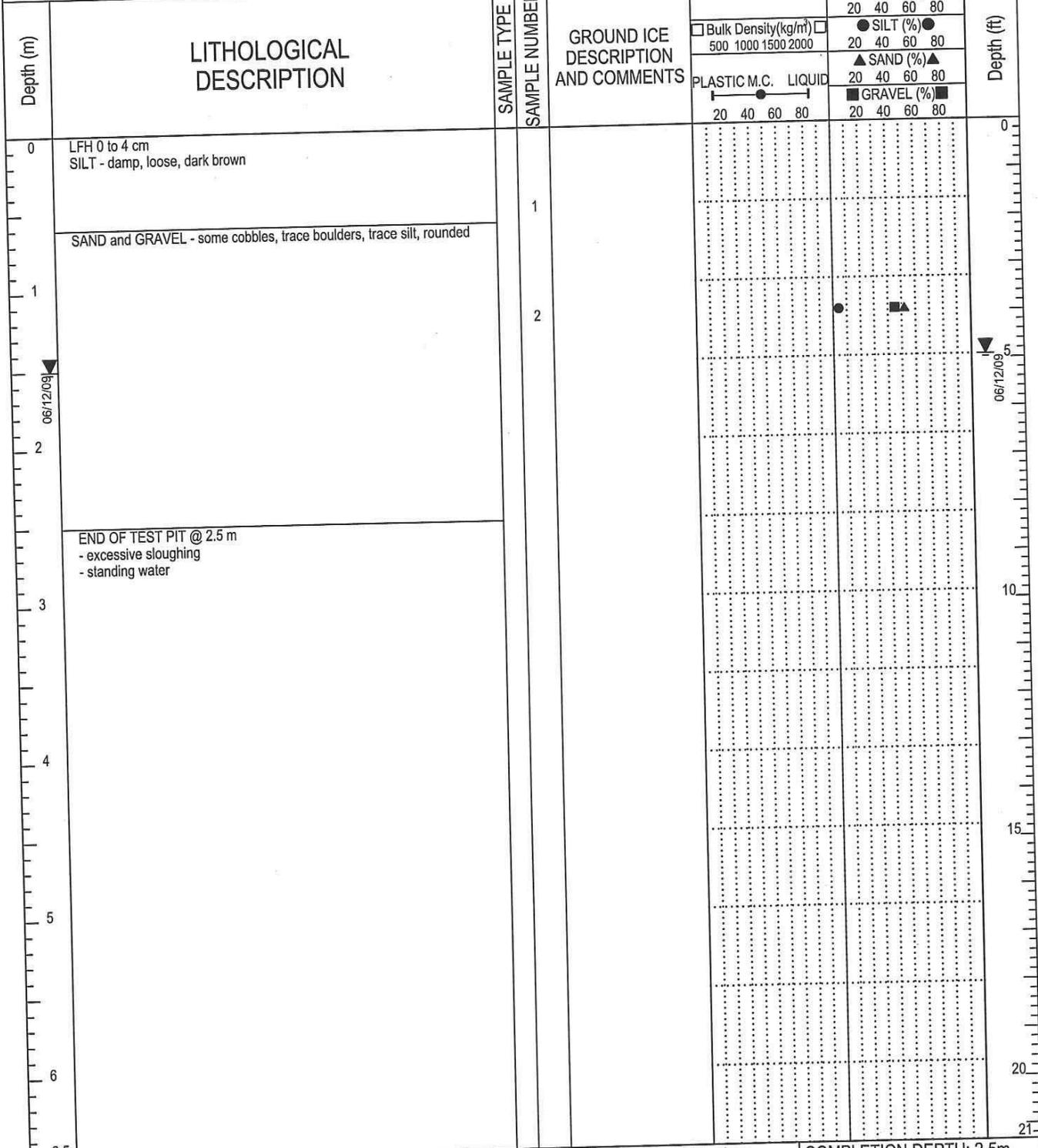
GRANULAR EVALUATION	CLIENT: PWGSC	TESTPIT NO: V33101023-TP31
Kledo Creek Source	EXCAVATOR: CAT 322B	PROJECT NO: V33101023
North of Fort Nelson, BC	6919745N; 471483E; Zone 10	

SAMPLE TYPE	<input type="checkbox"/> GRAB SAMPLE	<input type="checkbox"/> NO RECOVERY	<input checked="" type="checkbox"/> BULK	<input type="checkbox"/> CRREL CORE	<input type="checkbox"/> SHELBY TUBE	<input type="checkbox"/> GRAB CORE
BACKFILL TYPE	<input type="checkbox"/> BENTONITE	<input type="checkbox"/> PEA GRAVEL	<input type="checkbox"/> SLOUGH	<input type="checkbox"/> GROUT	<input type="checkbox"/> DRILL CUTTINGS	<input type="checkbox"/> SAND

Depth (m)	LITHOLOGICAL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	GROUND ICE DESCRIPTION AND COMMENTS	Bulk Density (kg/m³)		PLASTIC M.C.		LIQUID		Depth (ft)
					500	1000	20	40	60	80	
0	LFH 0 to 5 cm SILT - organics, damp, loose, dark brown										0
	SAND - silty, fine grained, poorly graded damp, loose, dark brown		1								
1	GRAVEL - some sand, some cobbles, trace boulders, trace silt, rounded										
			2								
2	- sand is medium grained										
			3								
3											
			4								
4											
			5								
5	END OF TEST PIT @ 5.0 m - excessive sloughing - standing water										
6											
6.5											

 EBA Engineering Consultants Ltd.	LOGGED BY: T. Takeda	COMPLETION DEPTH: 5m
	REVIEWED BY: JTD	COMPLETE: 6/12/2009
	DRAWING NO:	Page 1 of 1

GRANULAR EVALUATION	CLIENT: PWGSC	TESTPIT NO: V33101023-TP32
Kledo Creek Source	EXCAVATOR: CAT 322B	PROJECT NO: V33101023
North of Fort Nelson, BC	6519550N; 471401E; Zone 10	
SAMPLE TYPE	<input type="checkbox"/> GRAB SAMPLE <input checked="" type="checkbox"/> NO RECOVERY <input checked="" type="checkbox"/> BULK <input type="checkbox"/> CRREL CORE <input type="checkbox"/> SHELBY TUBE <input type="checkbox"/> GRAB CORE	
BACKFILL TYPE	<input type="checkbox"/> BENTONITE <input type="checkbox"/> PEA GRAVEL <input type="checkbox"/> SLOUGH <input type="checkbox"/> GROUT <input type="checkbox"/> DRILL CUTTINGS <input type="checkbox"/> SAND	



	LOGGED BY: T. Takeda	COMPLETION DEPTH: 2.5m
	REVIEWED BY: JTD	COMPLETE: 6/12/2009
	DRAWING NO:	Page 1 of 1