Contract No. : GE / / Slope No. & Location: Inspection/Survey Check Reques		•
To Engineer's Representative This is a new submission/re-submission (previous previous previo		est No. :)*
(1) Location of work		Date and Time
(2) Work to be Inspected/Surveyed		
(3) Work Proposed after Approval of (2)		
(4) Remarks (if this is a resubmission state work carried out since last inspection/survey)	·	
REQUESTED BY :	TIME	•
DEGLONATION	DATE	
Received by ER/IOW/WS* TIME :	DATE	:
Filled in by ER/IOW* Mr:	Please a	rrange inspection*
Mr :	Please c	heck setting out*
SIGNED :	DATE	÷
Filled in by WS/IOW/Surveyor*  Work outlined in (2) above has been ins in (3) above is given/not given* for the f		out proposed work outlined
This in no way limits or alters the Contra Form is returned to the Contractor at tim	ne stated below.	:
DESIGNATION:		•
Received on behalf of Contractor by  NAME:	TIME	
SIGNED :		·
Legends: + Leave blank if not applicable  * Delete as appropriate		
N.B. Top copy - white - E.R.  Duplicate - yellow - Contractor		

GEO/CA/23 (2/07/2002)

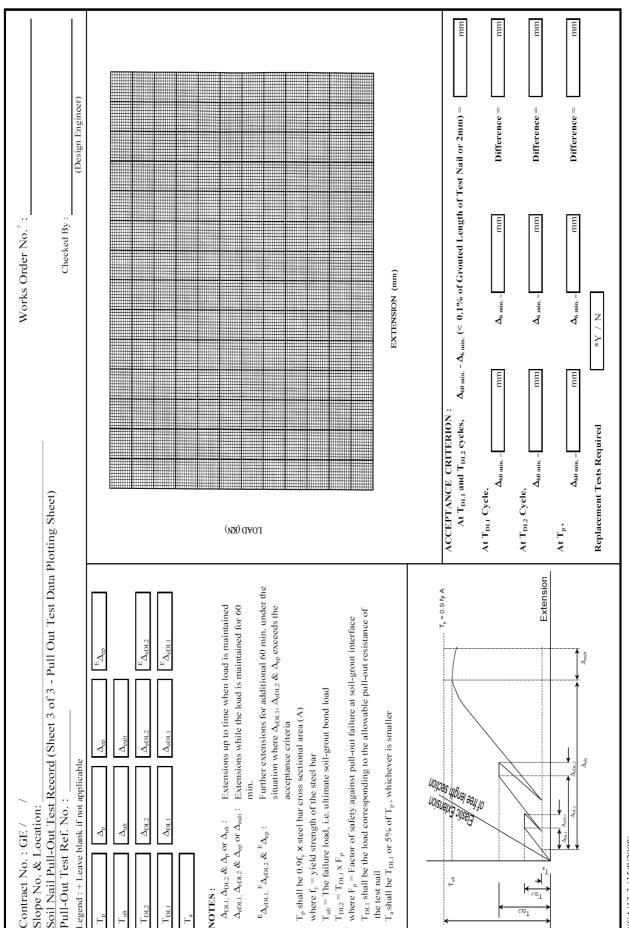
	No. : GE /	/ on:		\	Works Orde	er No.+ :	
Soil Nail	Record	h lot of soil nails				Sheet No	0.:
	Dril	llhole		el Bar	Date	Volume of	
Soil Nail No.	Diameter (mm)	Inclination (degree)	Diameter (mm)	Length (m)	of Grouting	Grout Used (litres) (Note 2)	Remarks (Note 1)
140.	(IIIII)	(dog. 55)	(***)	- /-			
						<del>                                     </del>	
	·				T	T	
				· ·	+	+	
					<del> </del>		
						+	
						-	
	l						
Length of ste	and have						
measured by:					Date	: _	
Installation o	of steel hars	(	WS/AIOW/IOW	/*)			
supervised by					_ Date	: _	
Conting of	:1 maila	(	WS/AIOW/IOW	/ <b>*</b> )			
Grouting of s supervised by					Date	: <u>_</u>	
		( ) -1	WS/AIOW/IOW	/*)	_	Legends :	
Note 1 : Reco	ord all anomalic anomalics obs	ies observed durin erved must be rep	orted to the ER	immediately.		* Delete as appr	
Note 2 : Volu	ume of grout fo	or each soil nail ca	an be estimated	based on averag	ge n of grouting ope	+ Leave blank is	f not applicable

GEO/CA/12 (1/12/2003)

Contract No.: GE/ /			Works Order No. :
Slope No. & Location : Soil Nail Pull-Out Test I Pull-Out Test Ref. No.:	Record (Sheet 1 of	3 - Drilling and	1 Grouting)
GENERAL RECORD Co-ordinates of Head of Test Nail	N E mPD		•
Bar Length (L)	m	GROUND WATER	z Ti
Bar Diameter	mm	TABLE	
Bar Steel Grade			The Last
Specified Grouted Length (G)	m		To the
Measured Grouted Length	m		
Depth to Mid Point of Grouted Length (Z)	m		1 -1
Slope Angle ( a )	0		
Bar Inclination (i)	0	r	
Design Test Load, T <sub>DL1</sub>	kN		
Represented Row No. (refer to construction drawings)			
Nearest GI Station (can be more than one)		Ī	
Geological informaion (from G. Material type at bonded section :			
Groundwater information (from		ı a	
Groundwater table *below/ above bonded section:	we m	Depth (m)	
Observations during drilling		Dep	
Outflow from drillhole :	* Yes / No		
<ol><li>Condition of blow-out material from bonded section</li></ol>	* wet / dry : * clayey / sandy		
3. Others :			
(e.g. collapse of drillhole)			
DRILLING RECORDS			
Hole Diameter	mm		
Date Drilled	1 1		
Drilling Method			Accumulated Drilling Time (min.)
Flushing Medium			DRILLING RECORD
GROUTING RECORD			
Date of Grouting	1 1	No. of the last of	fflux from
Grout Mix		Flow Cone 3 day/7 da	e Test (sec.)
Water Cement Ratio			ngth (MPa)
Calculated Grout Volume		Actual Gr	out Take
Prepared By (Sheets 1 to 3):	Pul	1-out Test (including	g drilling and grouting) supervised by :
			WATER TO THE TOTAL OF THE TOTAL
(Contractor's Representative) Legends: * Delete as appropriat	te + Leave blank if not	1000000	S/AIOW/IOW*)(Date)

GEO/CA/13-1 (15/8/2008)

CHINA SECRETARIO SECURITION	No.: GE /				W	Vorks Order No. <sup>†</sup> :
	. & Locat		and Others	1 -62 Dull	Out Took	
	Pull-Out			2 01 5 - Pull	Out Test)	
	est Ref. No eave blank if					Date of Testing :
60.554	A STATE OF THE PARTY OF THE PAR	10 (0		200		
Existi	ng slope profile	Load trans	sfer Dial ga	nuge (1)	est soil nail end	SEE NOTES ON SHEET 3
	1		/ -	Hydraulic	Dial gauge (	T <sub>a</sub> kN
		1	1	jack Load	/	T <sub>DL1</sub> kN
cast insitu con	crete pad	-	do /	cell	1	T <sub>DL2</sub> kN
100.704945	N. Core		是一种	1	100	1773
Test soil nail	_	THE REAL PROPERTY.	-	-H	1	* Tp / Tult kN
ţ	The state of the s		TM	Frictionless s the hydraulic	upport to jack	T <sub>DL1</sub> mins.
		1				T <sub>DL2</sub> mins.
ot	eel scating plate					* T <sub>p</sub> / T <sub>ult</sub> mins.
2.		ation measur ce criterion f	ements to be e or the first ho	extended for a ur	nother hour (	if the deformation exceeds
Time after	Pressure	Applied	Dial	Dial	Bar	Position of
Test started	gauge	Load (kN)	Gauge (1)	Gauge (2) Reading	Extension	Dial Gauge Probe
(hr/min)	Reading	(KIN)	Reading	Reaunig	(mm)	on end plate
35	0		12			
	2		0 0			
	3					
	2		R 5	8		<del>                                     </del>
i i	-		9 13	9		
	,			,		St
						Show positions of Dial Gauge Probe tip at
	0		12			commencement of test
5			95 9			2. T <sub>a</sub>
						3 T <sub>DL1</sub>
1			12	6		
						4. T <sub>DL3</sub>
						5. *T <sub>p</sub> /T <sub>clt</sub>
- 15			12 12	b		Remarks : Can the test nail sustain the following loadings
	- 3					a T <sub>DL1</sub> (Y/N *)
8				2		b. T <sub>DL1</sub> (Y/N*)
12			0 12			1 SSA - CONTRACTOR
8	2		62 0	2		c. *Tp/Tult (Y/N *)  * Delete as appropriate
						Detete as appropriate



ďL

ontra	Contract No.: GE / /				Work	Works Order No. +:	er No.	 + .				Sheet No.:	No.:	
lope	Slope No. & Location:													
oncr	Concrete Test Cube Register (use a separate sheet for each concrete grade)	gister	(use a sepa	arate sheet 1	for each	concre	te grad	<b>e</b>			Conc	Concrete Grade		
Date. of Cast	Location and/or Description of Works	Slump (mm)	Compliance (Y/N)	Test Certificate No.	Cube Mark	Date of Test	Age (days)	Density (Kg/m <sup>3</sup> )	Compressive Strength (N/mm²)	Test Result <sup>#</sup> (N/mm <sup>2</sup> )	Standard Deviation (N/mm²)	Compliance Criteria	Compliance (Y/N)	Remarks (Follow-up action)
		,												
# + : spu	ends: + Leave blank if not applicable # For definition of test result, refer to Clause 16.59(5) of GS (1992)	ble t, refer to	Clause 16.59	(5) of GS (199	2 Edition)				Prepared by:				-	
*	* Delete as appropriate				•				•		(WS/AI	(WS/AIOW/IOW*)		

Contract No.: GE / /	Vo.: GE/ & Locati	\ \ \			Works	Works Order No. <sup>+</sup>					Sheet No. :	
Ready Mixed Concrete Delivery & Slump Test Record Location of Works:	xed Conci Works:	rete Del	ivery &	Slump	Test Rec	<u>sord</u>					Date:	
Concrete Grade/Mix No.:	rade/Mix N	0.:			1	Designed Slump:	: dun	mm_	Concrete Supplier:	upplier:		
Delivery			Slumi	Slump Tests			Time of		Quanti	Quantity (m <sup>3</sup> )		æ
Docket	Truck	Te	Test 1		Test 2	Departure	Arrival	Discharging	This		Cube	
No.	No.	(mm)	Type#	(mm)	Type#	From Plant	On Site	Finished	Load	Accumulated	Mark	Remarks
						••	••	• •				
		·				• •	••	• •				
		4				••	• •	••				
						• •				,		
							••					
						••	••					
						••	•	••				
						••	••	••				
			·			••	••					
		-				••	• •	••				
						••	••	••				
						••	••	••				
						••	• •	• •				
						••	••	••				
Legends:	Legends: + Leave blank if not applicable # Enter "T" for true slump, "S" for sheared slump and	ık if not apı for true slu	plicable mp, "S" for	r sheared s		"C" for collapsed slump	dumls	T.	Prepared By:			
	* Delete as appropriate	ppropriate								(Art	(Artisan/WS/AIOW/IOW*)	(MOI/
(000012010) 241 4 01000	7(0000)											

No. of Batches Mixed :   No. of Batches Mixe	Contract No.: GE /	Vo. : GE /	/		Works		Order No. +:							Date of Grouting :	routing:		
National County   C	Slope No.	& Location	n:											No. of Ba	tches Mixed:		
Nicolating   Soil Naile/Rock Boles/Rock   Done size   Contact   1 Jpr   2	Cement G	rout Testin	g Recor	<u>d</u>										Ambient	Temperature :		°C
Maint   Finish   Fi	Job : Soil Nail Reference No(s)	ls/Rock Bolts/F	Rock Dowe		terials: nent: Typ	: e			Bran	i,		Mix P	roportion	(per batch): (Kg)	Testing Appar Testing apparatu	ratus: Is in	7
Finish:   Others: Opeans specify   1	Time of Grouting			Wat	er: Sourc nixture:T	:e: ype:			W/C Bran	Katro: _		Water Admixt	ure:	(Intres/Kg) (ml/gram)	clean and workir	ng conditions#	#:
Time of Efflax Time   Condition   Fig.   F		Finish:		Othe	ers : (pleas	se specify						Others				Ye	%NO%
Time of Efflux Time Condition   Fig.   Class   Class	Fluidity (	Flow-cone) T	ests				Blee	ding Tes	<u>.</u>					100 m	m Test Cubes		
at Test	⊢	-	-		100		$  \  $					   [	Age		Cube No.		
A B B C	+	+	Satisfied		% 1.1	<u> </u>	$\frac{1}{2}$		+			Т	at Test	Ele	tronic Sample ID (	(Label)	
Time (hour)   Time (hour)   Time (hour)   Totalice			Yes/No*		1.0	$oxed{f}$	$\frac{1}{2}$	igg	+	T		T	2 dove	A	B	ر	T
7 days	1	<u> </u>	4		6.0	<u> </u>	$\frac{1}{2}$		+			Τ	J days	A	В	С	
A B C			Yes/No*		0.8								7 days				
Remarks : (record here all abnormalties such as grout loss)   Time (hour)			Yes/No*		9.0	$\prod$			H			П		V	В	О	
Remarks: (record here all abnormalities such as grout loss)   Time (hour)			01/07	Bleeded	0.5	$\dashv$			$\dashv$			T	28 days				Ī
Time (hour)   A   Time (hour)   C   Bleeding Test Details :			Yes/No*	Water	0.4	$\mp$	$\pm$		+	T		Т	Remarks	: (record here all	abnormalties such a	as grout loss)	
Time (hour)			Voc.Mos		0.3				$\vdash$			Γ					
Time (hour)			res/Nor		2.0				Н			П					
Time (hour)   Time (hour)   Time (hour)   Specimen during the test =			*oN/seX		. 0							П					
min (nour)  Specimen during the test = hour Type of beaker used for bleeding test: Glass/PVC*/  Type of beaker used for bleeding test: Glass/PVC*/  Type of beaker used for mixing grout: °C  Tocation of bleeding test: in site office/under shaded area volume of grout in beakers: Sample A Sample B Sample B  Sample C  Result: passed/failed*  Condition Satisfied Tests carried out/data recorded by: Yes/No*  Within 24 hours  * Delete as annowisite # Attach photographs of the testing annorming e of flow cone heakers for bleeding tests etc.	1		001/621		0			1	2			4					
min hour Type of beaker used for bleeding test: Glass/PVC*/  15 30 45 1 2 3 4 Temperature of water used for mixing grout: °C  Location of bleeding test: in site office/under shaded area volume of grout in beakers: Sample A  Sample B  Sample C  Result: passed/failed*  Condition Satisfied Tests carried out/data recorded by: Yes/No*  within 24 hours  * Delete as annowisite # Attach photographs of the testing annormatuse of flow cone beakers for bleeding tests etc.			Yes/No*	Surrounding	Temperati	ire of Spe	cimen dı	ring the te	sst =			J <sub>o</sub>	Bleeding	Test Details:			
15   30   45   1   2   3   4   Temperature of water used for mixing grout :			Vec/Mos*	Time afte	r test		min			ho	ur		Type of b	eaker used for blo	eding test: Glass/P	VC*/	
Location of bleeding test: in site office/under shaded area Volume of grout in beakers: Sample A Sample B Sample C Sample C Condition Satisfied  Result: passed/failed*  Condition Satisfied  Tests carried out/data recorded by:  Yes/No*  Within 24 hours  * Delete as annumiate # Attach photographs of the texting annuments			103/140	starte	þ	15	30	45	1	2	3	4	Temperat	ure of water used	for mixing grout:	ွ	
Volume of grout in beakers: Sample A			Yes/No*	water vol.(n	nl) in A				Ī				Location	of bleeding test:	in site office/under	shaded area	
Result: passed/failed*   Sample C				pleeded	%   In B								Volume o	f grout in beaker:		<i>-</i> ~	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			Yes/No*	bleeded	%1										Sample		m
			47 V	water vol.(n	nl) in C								Result: p	assed/failed*	•		
h h			Yes/No*	pleeded	% 1								•				
h a v	Acceptance Cri	teria:		Acceptance	Criteria:				_	Conditi	on Satisf	ied	Tests carr	ied out/data recor	ded by:		
E > *	Efflux time of gr	rout ≥15 sec.		(i) bleeded	water at 3	hours ≤(	7.5 %			Y.	es/No*						
**				(iii) bleeded (iii) Water re	water at n absorbed	naximum within 2	≤1% 4 hours			××	es/No*			(WS/A)	OW/IOW*)(Date)		
	I eoends · + I eav	ve blank if not an	ı   eldesilu	to be selected	at random	W-	as annro	nriste # A	ttach nhot	squeaou	of the tes	tino anna	ratus e o fl	ow cone beakers	for bleeding tests	PfC	

GEO/CA/27 (26/01/2012)