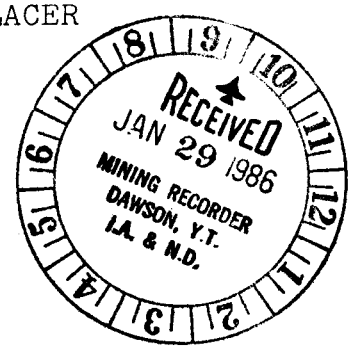
120076

GEOLOGICAL REPORT AND TESTING OF PLACER GRAVELS DONE ON CALIFORNIA CREEK, YUKON, TERRITORY, ON



DIANE CLAIMS #I - 27
TAG NO. P27853 - P27879
GRANT NO. P27853-79

OWNED BY - GEORGE KARENS, WHITEHORSE, Y.T.

PROJECT GEOLOGIST - IAN THOMPSON
REPRESENTING
PEGASUS EARTH SENSING CORPORATION

THIS TESTING WAS DONE FOR:
ALVIN H. OLSSON OF BROOKS, ALBERTA
STEVEN TAKACS OF WHITEHORSE, Y.T.
GARY STURCH OF BROOKS, ALBERTA.

TESTING WAS DONE DURING JULY AND AUGUST
1985

120076

120076

TABLE OF CONTENTS

SUMMARY OF FIELD TESTING

CALIFORNIA CREEK, YUKON

JULY - AUGUST 1985

PRELIMINARY FIELD COPY
(Subject to Revisions)

Pegasus Earth Sensing Corp.
Ian D. Thomson
Our project 198-01

FIELD REPORT - PRELIMINARY

CALIFORNIA CREEK - YUKON

148-01

Description of Test Holes: Location, Size, Value/yd etc.

TRENCH #1

Location: Claim 27, West side of creek at creek level

Size: Approx 30 m x 8m x 3 m = (Converting to yards) minus 25% for shape of hole 300 yds³

Samples Tested: Gravels overlying bedrock. Estimate bedrock to be 4-5 feet below depth of hole.

Sample 1 & 2 run through a 64" x 13" sluice box with green carpet and expanded metal installed. Fed by pail

SAMPLE 1 - .82 yd³ from north end of trench. Believed to be last material sluiced from hole.

Results: gms @ $11.75/gm ÷ .82 yd³ = $ /yd³

SAMPLE 2 - .96 yd³ from south end of trench. Gravels from further higher up from bedrock.

Results: gms @ $11.75/gm ÷ .96 yd³ = $ /yd³

Note: These Samples above had the concentrate hand-panned by I. Thomson. Only the concentrate panned was kept. Results should be considered approximate and as minimum values for each trench.

Note: 1 Troy ounce gold = 31.10 grams

Gold at $320/oz Amer ÷ $430/oz Can. ($1 Can ÷ $1.35 Amer)

Fineness of gold estimated to be 0.85

Therefore 1 gram ÷ $11.75 Canadian

PRELIMINARY

198-01

TRENCH # 1A

Location: Claim 16, West side of creek, 5 feet above creek level, beside access road near George Kavens' Camp.
Size: Approx 25 x 8 x 3 m = 600 yds^3 (applying corrections)
Sample Tested: No test as gravel was not encountered.
Recent silts and sands overlie bedrock spur of hill rising to north.

TRENCH # 2

Location: Claim 16, west side of California Creek, bedrock surface estimated 3-4 feet higher than level of creek. *
Size: Two trench cuts, cut in shape of a V (Corrections applied)
Approx. 15 x 5 x 7 m and 15 x 10 x 5 m = 1250 yds^3 total.
Sample tested: Two test runs were made using material from most southerly of two trenches.
Sample 1 - Considered as a test run of machinery. Results NOT VALID as an estimate of #/yd as many shut downs, water problems etc. were ironed out.
SAMPLE 2 - Used same stock pile of material from gravels immediately above bedrock plus bedrock material. Est. 50% of each.
4.5 yds^3 processed
at #11.75/gm
Results: gms V. ÷ 4.5 yds^3 = # /yd^3

*Note: Trench 2 located in area previously stripped by Panterra Mining, but not mined.

PRELIMINARY

198-01

TRENCH #3

Location: Claim 16, south side, west of Trench #2. Uphill from Trench 2.

Size: Approx. 32 x 15 x 3 m = 1325 yds^3 (applying corrections)

SAMPLE TESTED: No test due to much and water problems excavating hole.

TRENCH #4

Location: Claim 15, south side, west side of creek in area previously stripped but not mined by Panterra. ~~Bedrock~~

Size: 25 x 11 x 4 m = 1100 ydr^3 (applying corrections)

Sample Tested: Top surface disturbed by Panterra stripping. 8 feet gravel overlie bedrock. Bedrock surface 3' lower than level of California Creek level. Sample tested of material right off bedrock.

7.5 ydr^3 processed

Results: gms ÷ 7.5 ydr^3 = # /yd^3 at #11.75/gm

PRELIMINARY

198-01

TRENCH # 5

Location: Claim 14, west side of California Creek on western edge of Pantera stripped area. Approximately 1/2 distance between trench 4 and 6.

Size: Approx. 25 m x 8 m x 3.5 m ÷ 700 yds^3 (applying corrections)

Sample Tested: Top surface disturbed. 8 feet fine gravel over 3 feet coarse gravel with boulders over bedrock. Material processed from bedrock and 2-3' of gravel above

4.8 yds^3 processed

Results: gms ÷ 4.8 yds^3 = # / yd^3

TRENCH # 6

Location: Claim 14, south edge on west side California Creek on western edge of Pantera stripped area.

Size: Approx 30 x 10 x 5 m = 1475 yds^3 (applying corrections)

Sample Tested: Ten feet grey gravel over yellow coloured silty clayey material in and around fractured bedrock. Material processed from bottom 2 feet of gravel and 2 to 3 feet into bedrock.

7.5 yds^3 processed

Result: gms ÷ 7.5 yds^3 = # / yd^3

PRELIMINARY

198-01

TRENCH #7

Location: Claim 12, west side of California Creek beside west bedrock wall of stream valley.
Size: Approx. 30 x 8 x 3 m = 725 ydr^3 (applying corrections).
Sample Tested: No test due to difficulty of access for equipment. Earlier holes geologically similar have easier access down stream. This trench 8-9 feet deep when dug. Estimate bedrock 3-4 feet below bottom of trench.

TRENCH #8

Location: Claim 11, east side of California Creek between access road and creek. At creek level
Size: Approx 16 x 6 x 1.5 m = 150 ydr^3 (applying corrections)
Sample Tested: No test due to permafrost encountered in hole. Grey gravels overlie ?

TRENCH #9

Location: On Claim 10 and Claim 11 boundary line, west side of California Creek. Trench 9 located on terrace 4 to 5 feet above present stream level.
Size: Approx. 30 x 8 x 1.5 m = 350 ydr^3 (applying corrections)
Sample Tested: No test due to severe water problems.

PRELIMINARY

198-01

TRENCH #10

Location: Claim 10, west side of California Creek on ground that George Kavanaugh had stripped in 1982. Location in approximate center of valley

Size: Approx. 18 x 5 x 2.5 m ÷ 250 yds^3 (applying correction)

Sample Tested: Grey gravels to 9 1/2 feet below surface. Coarser gravels at bottom. At 10 feet yellow clayey silt and bedrock. Dug at least 2' in to bedrock in a fairly small area of trench.

7.5 yds^3 processed.

Results: ___ gms @ 11.75/gm ÷ 7.5 yds^3 = ___ #/yd^3

TRENCH #11

Location: Claim 10 South edge right beside east edge of creek, between access road and creek. Location used to have stream running over it before trench was dug.

Size: Approx: 18 x 5 x 2 m ÷ 225 yds^3 (applying corrections)

Sample Tested: Grey creek gravels to 6 1/2 feet below stream surface. At 6 1/2 feet changes to orangey red silty/clayey that is weathered bedrock. Sampled bottom foot or so of grey gravel and top foot or so of weathered bedrock.

5.1 yds^3 processed.

Results: ___ gms @ 11.75/gm ÷ 5.1 yds^3 = ___ #/yd^3

PRELIMINARY

198-01

TRENCH #12

Location: On boundary between claim 8 and claim 9. Dug on a gravel terrace approx 6 feet above present creek level. Bedrock was not reached during bulldozer work. Approximately in center of fairly narrow valley on west side of creek. Beside cabin remains.
Size: Approx: 15 x 7 x 3 m ÷ 300 yds^3 (applying corrections)
Sample Tested: No test Due to time and equipment restraints decision was made to sample Trench 13 which has more surface material removed and is located closer to bedrock wall

TRENCH #13

Location: On claim 8, west side of creek very close to west bedrock wall. Trench dug in old stream channel that has top 6 feet of gravel removed. Only 60 feet from west bedrock wall
Size: Approx: 15 x 8 x 2 m ÷ 250 yds^3 (applying corrections)
Sample Tested: Trench dug to 14 feet below surface of terrace nearby (approx 8' below old meander surface). Bottom 3 feet or so sampled. Some yellow/orange silty clay and many large rounded quartzite boulders. Feel we did not get to bedrock as we were digging into some very large boulders at bottom of hole.
5.1 yds^3 processed

Results: ___ gms @ # 11.75/gm ÷ 5.1 yds^3 = # /yd^3

PRELIMINARY

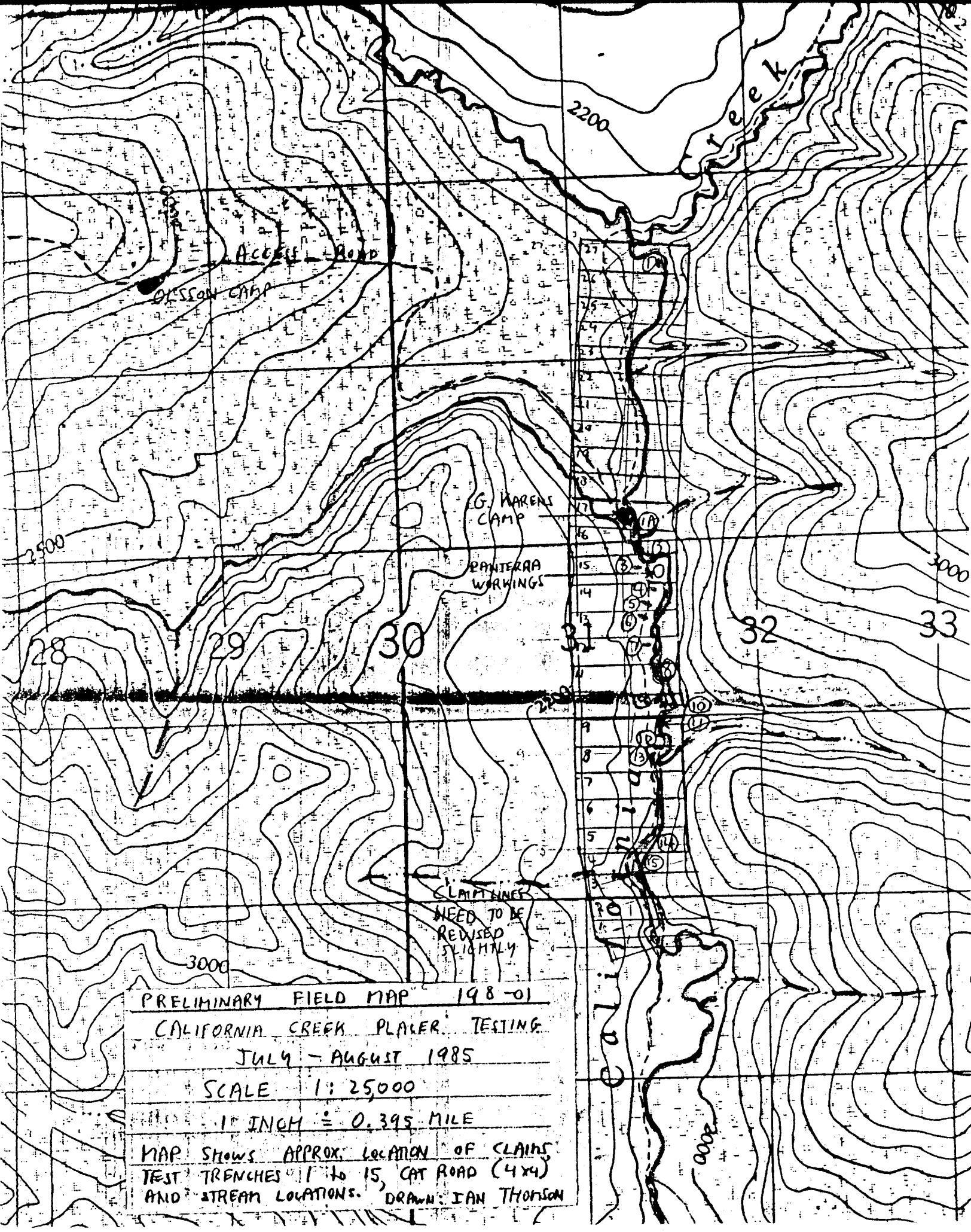
198-01

TRENCH # 14

Location: Claim 5, west side of creek in area stripped around 1952 or 1953 for dredge work which did not happen. Thick layer of muck overlies silts and gravels? with permafrost encountered in hole.
Size: Approx. 30 x 5 x 2 m ≐ 350 ydr^3 (applying corrections).
Sample Tested: No test due to permafrost.

TRENCH # 15

Location: Claim 3, east side of creek, right beside access road and creek. Remains of old cabin and old test pit nearby. Trench dug on gravel terrace approx. 6' above present stream level.
Size: Approx. 35 x 6 x 3.5 m ≐ 800 ydr^3 (applying corrections)
Sample Tested: No test due to poor access across creek 700 feet to north.


2200
Creek
ACCESS ROAD
OLSSON CAMP
G. KARENS CAMP
PANTERRA WORKINGS
2500
3000
28
29
30
31
32
33
CLAIM LINES NEED TO BE REVISED SLIGHTLY
3000
2000
PRELIMINARY FIELD MAP 198-01
CALIFORNIA CREEK PLACER TESTING
JULY - AUGUST 1985
SCALE 1: 25,000
1" INCH ≐ 0.395 MILE
MAP SHOWS APPROX. LOCATION OF CLAIMS TEST TRENCHES 1 to 15, CAT ROAD (4x4) AND STREAM LOCATIONS. DRAWN: IAN THOMSON

PEGASUS
earth sensing
corporation

4381 GALLANT AVENUE
NORTH VANCOUVER, BRITISH COLUMBIA
CANADA V7G 1L1
TELEPHONE: (604) 929 - 2377
TELEX: 04 - 352543

Mr. Gary Sturch,
Box 1774,
3-211-5th Ave. W.,
Brooks, Alberta.
TOJ OJO

August 29th, 1985
Project # 198-01

Re: Summary of Gold Recovery and Assay Results for Samples from California Creek, Yukon.

Dear Gary,

This letter summarizes the results of our gold recovery work and assay tests conducted during August of 1985. Included is a list of results showing gold recovered in each trench (Table 1), Chemex Labs'30 element I.C.P assay, Acme Analytical Laboratories'16 element assay and General Testing's results for gold, silver, platinum and palladium.

Gold recovery in our lab was conducted by I. Thomson using a hydrocyclone to recover gold from concentrate brought back from the Knudsen Bowl concentrator. The hydrocyclone method is about 95% efficient and produced the results originally telephoned to you. Evidence suggested that some gold had been added to one or two buckets at California Creek during our fieldwork. This is now thought not to be the case, in that all the gold belongs to each sample.

There has been considerable discussion as to the efficiency of the spinning barrel used during testing. No matter how efficient the barrel may or may not be, the sluice box checks on trenches 11 and 13 should have caught most of the "flow-through" gold. In trench #11, .07 grams came from the sluice box while in trench #13, .84 grams (mostly small nuggets) came from the box. This apparent inconsistency in sluice box results does raise some question about sluice box recovery, the answer is open to discussion. It should be noted that during each test run where a sluice box wasn't used, a large tin bucket was placed at the tailings end of the spinning barrel in order to act as a gold trap. The material remaining in the bucket at the end of the run was shovelled into the feed end of the barrel thus hopefully re-catching any gold.

A check of the efficiency of the hydrocycloning was conducted for trenches 2,4,6 and 11 by amalgamating the hydrocyclone tails. An additional 5% or so of fine gold was extracted and added to the results of Table 1. As a check of the efficiency of the Knudsen Bowl, tails were screened and amalgamated for trenches 2 and 13. Very small amounts were recovered and have been added to the results of Table 1.

Table 1 values are low, indicating an uneconomic mining situation at this time.

The hydrocycloned and amalgamated tails from trenches 2,4,6 and 11 were sent to General Testing Laboratories. Each sample was crushed and fire assayed for gold, silver, platinum and palladium. The values were calculated using the submitted sample weight as portions of a standard ton (2000 pounds). The submitted sample weights varied between 23 and 152 grams and in all cases the actual values for gold, silver, platinum and palladium were much less than 1¢ per sample.

The average gold values in the concentrated concentrate worked out to $17.20 per ton while silver was $1.94 per ton. The exact amount of pyrites and heavies produced during running is not known but Al Olsson and myself guesstimated 400 pounds per 5 yards run. This would mean 2000 pounds per 25 yards which results in less than $1.00/yard values. To complicated matters, a refined recovery system would have to be used as pyrites have a lower specific gravity than gold and crushing may be needed to extract the values. The increased costs of recovery and low values point to an uneconomic mining situation.

Samples T-10-1 and T-10-2 were sent to Chemex and Acme Labs respectively for multielement analysis. T-10-1 was panned from a grab sample bag of sluice box tails from trench #10, while T-10-2 was the tails from the Knudsen Bowl concetrate of trench #10 spinning barrel concentrate. Both samples were hydrocycloned but not amalgamated so a small amount of gold was expected in the submitted samples. In the Acme results gold was reported at 0.168 oz/ton of concentrated concentrate which calculated on the sample submitted is 0.7¢. This figure was not added to Table 1. Gold was not reported on the Chemex results. Silver values were 0.13 oz/ton from both labs. Returning to the same line of thought as in the above paragraph, the values and extraction difficulties do not warrant a mining operation.

Other elements reported on the assays appear in quantities the are not economically interesting.

Our conclusion at this time is that the property is not economically feasible to mine although a test program of the bench areas along California Creek is suggested for future work. We would be interested in discussing the possibilities of this work with you.

I'll take this opportunity to thank you for involvement in an interesting placer area. Should you have any questions or comments please feel free to contact myself or Ted Reimchen.

Sincerely,

Ian D. Thomson
Project Geologist

IT/jm

c.c. Al Olsson

TABLE #1

file 198-01

SUMMARY OF RESULTS. (Gold at $11.75 Can/g) 2.

Trench #1:	.01g Au from .82 yd^3	=$0.14/$yd^3$	(hydrocycloning)	TOTAL
Trench #2:	.74g from 4.5yd^3	=$1.93/$yd^3$	(hydrocyc.)	
	.30g = 1.04g total	=$2.71/$yd^3$	(found in bucket)*	
	.05g = 1.09g total	=$2.85/$yd^3$	(.05 from amalgamation)	
	.01g (or less) = 1.10g	=$2.87/$yd^3$	(Knudsen Bowl tails)	TOTAL
Trench #4:	.55g from 7.5yd^3	=$0.86/$yd^3$	(hydrocyc.)	
	.03g from amalgam	=$0.91/$yd^3$		TOTAL
Trench #5:	.51g from 4.8yd^3	=$1.25/$yd^3$	(hydrocyc.)	TOTAL
Trench #6:	.49g from 7.5yd^3	=$0.77/$yd^3$	(hydrocyc.)	
	.03g from amalgam	=$0.81/$yd^3$		TOTAL
Trench #10:	.23g from 7.5yd^3	=$0.36/$yd^3$	(hydrocyc.)	
	.59g (added?)*	=$1.28/$yd^3$		TOTAL
Trench #11:	.48g from 5.1yd^3	=$1.11/$yd^3$	(hydrocyc.)	
	.07g (=$0.16/$yd^3$)		(from sluice box)	
	.03g from amalgam	=$1.34/$yd^3$		TOTAL
Trench #13:	.28g from 5.1yd^3	=$0.65/$yd^3$	(hydrocyc.)	
	.02g		(from sluice box)	
	.84g (nuggets added?)*	=$2.63/$yd^3$		
	.04g	=$2.72/$yd^3$	(Knudsen tails of sluice box)	
	.01g	=$2.74/$yd^3$	(Knudsen spinning barrel tails)	TOTAL

* Probably not added. 3

11.75 (Can/g)

$430/oz

SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

File: 8508-1650 14.

TO: PEGASUS EARTH SENSING CORPORATION
4381 Gallant Ave.,
North Vancouver, B.C.
V7G 1L1

We hereby certify that the following are the results of assays on: submitted Pyrite Concentrate

MARKED	GOLD oz/st	SILVER oz/st	Platinum oz/st	Palladium oz/st	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
TR 2	0.036	0.37	< 0.001	< 0.001	
TR 4	0.070	0.18	< 0.001	< 0.001	
TR 6	0.016	0.17	< 0.001	< 0.001	
TR 6/11	0.015	0.12	< 0.001	< 0.001	
TR - 11	0.038	0.20	< 0.001	< 0.001	

L. Wong

PROVINCIAL ASSAYER

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS ON REQUEST PULPS AND AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

198-01

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 TELEX 04-53124

ASSAY CERTIFICATE

1.00 GRAM SAMPLE IS DIGESTED WITH 30ML OF 3-1-2 OF HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR.
AND IS DILUTED TO 100ML WITH WATER. DETECTION FOR BASE METAL IS .01%.
- SAMPLE TYPE: CONC - PULVERIZING AU& 10 GRAM REGULAR ASSAY

DATE RECEIVED: AUG 13 1985 DATE REPORT MAILED: Aug 15/85 ASSAYER. T. Saundry DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

PEGASUS EARTH SENSING FILE # 85-1836 PAGE 1

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag OZ/T	Ni %	Co %	Mn %	Fe %	As %	U %	Th %	Cd %.	Sb %	Bi %	Au OZ/T
1-10-2	.001	.02	.01	.01	.13	.02	.01	.11	33.07	.04	.002	.01	.010	.010	.010	.168

Chemex Labs Ltd.

•Analytical Chemists •Geochemists •Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : PEGASUS EARTH SENSING CORPORATION

4381 GALLANT AVENUE
NORTH VANCOUVER, B.C.
V7G 1L1

CERT. # : A8515036-001-A
INVOICE # : I8515036
DATE : 28-AUG-85
P.O. # : NONE

Sample description	Mo ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Ba ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)	Cr ppm (ICP)	Mg % (ICP)	V ppm (ICP)	Al % (ICP)	Be ppm (ICP)	Ca % (ICP)	Cu ppm (ICP)	Ag ppm AAS	Ti % (ICP)	Sr ppm (ICP)	Na % (ICP)	K % (ICP)
T-10-1	<1	<10	41	505	2	13	<0.5	12	53	3020	16.20	7750	310	0.72	75	5.08	<0.5	1.90	103	1.4	1.030	63	0.64	0.38

Certified by .....

PEGASUS EARTH SENSING CORPORATION
4381 Gallant Avenue
NORTH VANCOUVER, B. C.
V7G 1L1
Canada

Telephone: (604) 929-2377

Date: 8/9/85
Our File: 198-01
Your File: Yukon
Project: California Creek
Purchase Order: —
Invoice No.: 198-01

To: Gary Stuch
Box 1774
3-211-5ave W.
Brooks, Alberta
T0J 0J0

valuation, testing, field work, etc.

Prof. Fees

I Thomson	11 days	3300.00
T. Reimchen	5 hours	350.00

Disbursements

Communication	33.64
Expenses	77.83
Travel	816.00
	4577.47

Advance June 29, 1985 — 1500.00

Total Owing 3077.47

PEGASUS EARTH SENSING CORPORATION
4381 Gallant Avenue
NORTH VANCOUVER, B. C.
V7G 1L1
Canada

Telephone: (604) ~~929-2377~~ 682 8821

Date: 9/10/85
Our File: Gary Stuch
Your File: California Creek
Project: Testing
Purchase Order: 198
Invoice No.: #02
Final Billing

To: Gary Stuch
Box 1774
3 - 211 5th Ave W
Brook, Alberta
T0J 0J0

Includes testing, laboratory analyses, sample assay, prelim report, etc.

Professional

Ian Thomson	89.5 @ $40/hour	3580.00
Ted Reinchen	2 @ $70/hour	140.00

Technical

J. MacDonald	3 @ $15	45.00
Secretarial	1 @ $20	20.00

Disbursements

Ian's Expenses	208.39
Laboratory Analyses	325.50
Telephone	206.91
Photocopy	17.64

Sub Total Owing 4543.44
Previous 3077.47
Balance $1620.91

19

PEGASUS
earth sensing
corporation

4761 Cove Cliff Rd
~~4381 GALLANT AVENUE~~
NORTH VANCOUVER, BRITISH COLUMBIA
CANADA V7G 1L1
TELEPHONE: (604) ~~929-2377~~ 929 5517
TELEX: 04-352543

Box 1774
Brooks

10/3/85

Dear Gary:

As you can see I have some delayed bills:

Communication		$ 203.43
past due:	Aug/9/85	3077 47
	Sep/10/85	4543.44
	Total $	7824.33

I would appreciate this asap!

Ted Pemichen

REIMBURSABLE EXPENSE RECORD

PEGASUS EARTH SENSING CORPORATION

WEEK ENDING (mo / da / yr)	OFFICE	NAME (Print)	JOB NO. AND NAME
7 26 85	PESC	IAN D. THOMSON	198-01 California Creek/Yuk

PAGE OF	Supervisor's Approval	CURRENCY USED IF OTHER THAN CAN. DOLLARS

DESCRIPTION OF EXPENSE	SAT 20	SUN 21	MON 22	TUE 23	WED 24	THU 25	FRI 26	AMOUNT
Room — Film	13.18							
Meals — Collapsible shovel + repellant			16.03					
Maps + booklet			16.23					
Map enlargement			11.89					
Extra Laundry & Cleaning								
Other Travel Expense (Describe) — Taxi				7.00				
Bus				9.00				
Air Fare and Baggage Handling								
Local Transportation (Incl. Parking, Taxi etc.)								
Freight								
Communications								
Miscellaneous Field Supplies — work gloves				4.50				
Other Coded Expense, Rentals								
Miscellaneous (Describe)								
Use of Personal Car – (For job or job related task) No. of Km. ( )								
Entertainment								
Business Meetings and Conferences								
Personnel Relations (Describe)								
Training & Overtime including Meals (Receipt always Req'd. – Describe)								
TOTAL EXPENSE	13.18		44.15	20.50				77.83

I certify that the expenses listed were incurred for the benefit of the firm and have been paid by me.

Signed Ian D Thomson

Received Payment

Signed

GRANDFAIR TRAVEL LTD.
#8 - Mezz. Flr.
601 West Broadway
Vancouver B.C.
V5C 4C2
Tel.: (604) 872-4541

1980

Date: July 20, 1985

what flight No.?

****** INVOICE ******

Bill To:
Pegasus Earth Sensing Corporation
4381 Gallant Ave.,
N. Vancouver, B.C.
V7C 1L1

Date	Descripton	Fare/Price	Tax
	1 CF Air Tickets No's 016 3462 867 437 issued in favour of Mr. I. Thompson Vancouver-Whitehorse-Dawson City-Whitehorse-Vancouver	786.00	30.00
			816.00

Please pay this total amount ---------->

Terms: Net 30 days from date of invoice
Interest will be charged on overdue accounts at 22% per annum.

22

B.C. TEL
BRITISH COLUMBIA TELEPHONE COMPANY

PAGASUS EARTH
SENSING CORP
D/B URLICH GEOLOGICAL

YOUR TELEPHONE NUMBER: 929 5979 0 NORTH VAN
DATE OF BILL: AUG 23, 1985

		AMOUNT
PREVIOUS BILL	89.10	
OVERDUE		89.10
1 BUS IND ACCESS LINE ON SINGLE LINE TEL	38.70	
1 SINGLE LINE TEL 80	2.55	
*RENTAL FOR BILLING MONTH AUG 24 TO SEP 23	41.25	

CALLS TO		NUMBER	TY	MIN	CALLS FROM		
AUG 13 BROOKS	AB	362 6553	0K	18		14.37	198-01
AUG 13 BROOKS	AB	362 7447	0K	1		.94	
AUG 14 BROOKS	AB	362 7447	0K	1		.94	
AUG 14 BROOKS	AB	362 7447	0K	12		9.63	
AUG 14 WHITEHORSE	YT	668 6706	0S	6		4.77	
AUG 15 BROOKS	AB	362 7447	0B	40		12.79	
TOTAL TOLL CHARGES					43.44		
*S.S. TAX AT 7% ON					84.69	5.93	
LATE PMNT CHRG: 1.50% ON					$44.96 OVERDUE ON JUL BILL	.67	
CURRENT CHARGES							91.29
TOTAL PAYABLE BY SEP 19							180.39

~~198-01~~ $43.44 ~~[illegible]~~

CUSTOMER COPY - PLEASE SEE REVERSE FOR EXPLANATION OF TYPES OF LONG DISTANCE CALLS, LATE PAYMENT CHARGE, AND DISCOUNTS.

B.C. TEL
BRITISH COLUMBIA TELEPHONE COMPANY

PAGE 2

YOUR TELEPHONE NUMBER: 929 2377
DATE OF BILL: AUG 23, 1985

CALLS TO		NUMBER	TY	MIN	CALLS FROM		AMOUNT
JUL 26 SPOKANE	WA	838 4458	0K	1		.73	115-08 ✓
JUL 26 SPOKANE	WA	838 1309	0K	1		.73	115-08 ✓
JUL 26 WLMS LK	BC	398 6919	3K	9	VANCVER BC	6.78	53-08 ✓
~~JUL 30 DEEP COVE~~	~~BC~~	~~929 2377~~	~~3S~~	~~6~~	~~DAWSON YT~~	~~6.28~~	~~198-01~~
AUG 3 W ROCK	BC	536 7798	0S	1		.39	173 ✓
AUG 3 COBBLE	BC	743 2001	0S	8		2.70	131-04 ✓
~~AUG 5 DEEP COVE~~	~~BC~~	~~929 5517~~	~~3S~~	~~13~~	~~DAWSON YT~~	12.10	198-01
~~AUG 6 WHITEHORSE~~	~~YT~~	~~668 6706~~	~~3K~~	~~2~~	~~DAWSON YT~~	2.34	198-01
~~AUG 8 VICTORI~~	~~BC~~	~~387 1441~~	~~0K~~	~~3~~		1.64	~~131-04~~ 198-0
~~AUG 8 BROOKS~~	~~AB~~	~~362 7447~~	~~0K~~	~~54~~		42.81	198-01
AUG 12 WLMS LK	BC	392 4241	0K	2		1.34	53-08 ✓
AUG 12 WHITEHORSE	YT	668 6706	3S	3	WST VAN BC	3.56	
AUG 15 BROOKS	AB	362 6553	0K	1		.94	198-01
AUG 15 BROOKS	AB	362 6553	3S	13	WST VAN BC	7.83	
AUG 21 BROOKS	AB	362 4983	3K	29	WST VAN BC	24.06	
TOTAL TOLL CHARGES					185.74		
*S.S. TAX AT 7% ON					322.72	22.59	
LATE PMNT CHRG: 1.50% ON					$714.73 OVERDUE ON JUL BILL	10.72	

131-03	$66.09	+ 6.61	= $72.70
105-05	$ 0.68	+ 0.07	= $ 0.75
53-08	$ 11.40	+ 1.14	= $12.54
131-04	$ 3.38	+ 0.34	= $ 3.72
173	$ 1.17	+ 0.12	= $ 1.29
115-08	$ 1.46	+ 0.15	= $ 1.61
198-01	$ 145.00	+ 14.50	= $159.50

CUSTOMER C[illegible] PLEASE SEE REVERSE FOR EXPLANATION OF TYPES OF LONG DISTANCE CALLS, LATE PAYMENT CHARGE, AND DISCOUNTS

23.

B.C. TEL

BRITISH COLUMBIA TELEPHONE COMPANY

TED REIMCHEN

YOUR TELEPHONE NUMBER: 929 5517 8 NORTH VAN

DATE OF BILL: SEP 25, 1985

		AMOUNT
	PREVIOUS BILL	45.24
	PAYMENT APPLIED SEP 24	45.24CR
	1 RES IND ACCESS LINE ON SINGLE LINE TEL 11.55	
	2 SINGLE LINE TEL 80 3.90	
	RENTAL FOR BILLING MONTH SEP 24 TO OCT 23 TAX FREE	15.45
AUG 21	LOST COIN CREDIT	.25CR
SEP 16	OPERATOR HANDLED LOCAL COIN CHARGE	.25
AUG 28	DIRECTORY ASSISTANCE FOR 929 5981	.55
AUG 31	DIRECTORY ASSISTANCE FOR 988 7551	.55
AUG 31	DIRECTORY ASSISTANCE FOR 986 0972	.55

	LOCATION		NUMBER	TY	MIN	DAYRATE SAVINGS		
AUG 23	LOSANGELES	CA	655 7777	0K	7	4.93	4.93	Bremner
AUG 25	FR NANAIMO	BC	753 9041	4S	3		2.44	
AUG 26	WETASKIWIN	AB	352 7416	0S	4		2.20	
AUG 30	NEWTON	BC	596 6385	0K	11	2.95	2.95	
SEP 1	NANAIMO	BC	753 1698	0S	11		2.92	
SEP 2	LADNER	BC	943 6374	0S	2		.53	
SEP 4	TORONTO	ON	635 7498	0S	16		9.44	
SEP 14	BROOKS	AB	362 7494	0K	59	46.76	46.76	198-01
	TOTAL TOLL CHARGES						72.17	
	*S.S. TAX AT 7% ON					72.17	5.05	

CUSTOMER COPY - PLEASE SEE REVERSE FOR EXPLANATION OF TYPES OF LONG DISTANCE CALLS, LATE PAYMENT CHARGE, AND DISCOUNTS

TEAR STUB HERE

B.C. TEL COPY - PLEASE MAIL THIS CASHIER STUB WITH PAYMENT

TEAR STUB HERE

R0028031

B.C. TELEPHONE COMPANY BOX 6767 VANCOUVER, B.C. V6B 4L6

AMOUNT PAID

AMOUNT DUE

IF ANY PART OF THIS BILL HAS BEEN PAID OR IS BEING ADJUSTED PLEASE DEDUCT AND PAY BALANCE

NORTH VAN 929 5517 8

CLAIM CENTERLINE CHANGES ORIENTATION DRAMATICALLY

TRENCH 1A

POND

PUP

OLD DITCH

BUSH

SLOPE

STORAGE CABIN

CALIFORNIA CREEK

TREES

BREAK IN SLOPE (APPROXIMATE)

ALLUVIAL FAN

TREES

TREES

TRENCH 3

TRENCH 2

DIANE J5

COLLUVIUM

BEDROCK

BUSH

OLD CABIN

GRAVEL BAR

TAILINGS 5-10' HIGH

EXCAVATED AREA (PANTERRA MINING) (WATER FILLED)

STEEP SLOPE

BUSH

BREAK IN SLOPE

SCALE

0 50 100 200

FEET

TAILINGS 3-6' HIGH

TAILINGS 5-6' HIGH

FORMER DRAIN

DRAIN DEBRIS

DRAIN DEBRIS

120076

GULLY UP OLD BULLDOZER TRACK

DIANE 14

ORGANICS

SLOPE

ROAD

TAILINGS

TAILINGS

TRENCH 4

COLLUVIUM

BEDROCK

STOCK PILE

BREAK IN SLOPE

TAILINGS

STRIPPED

CREEK CHANNEL

ORGANICS

STOCKPILED ORGANICS

STEEP SLOPE

TRENCH 5

TEMPORARY DIKE

TABS SPRING

ORGANICS

STRIPPED

CENTER LINE

STRIPPED

ROAD

STOCKPILED ORGANICS

BUSH

TRENCH 6

POST

CALIFORNIA CREEK

BREAK IN SLOPE

APPROX LIMIT

CLAIM BOUNDARY

DIANE 13

STOCKPILED ORGANICS

BREAK IN SLOPE

BUSH

STRIPPED

BUSH

(APPROX LIMIT)

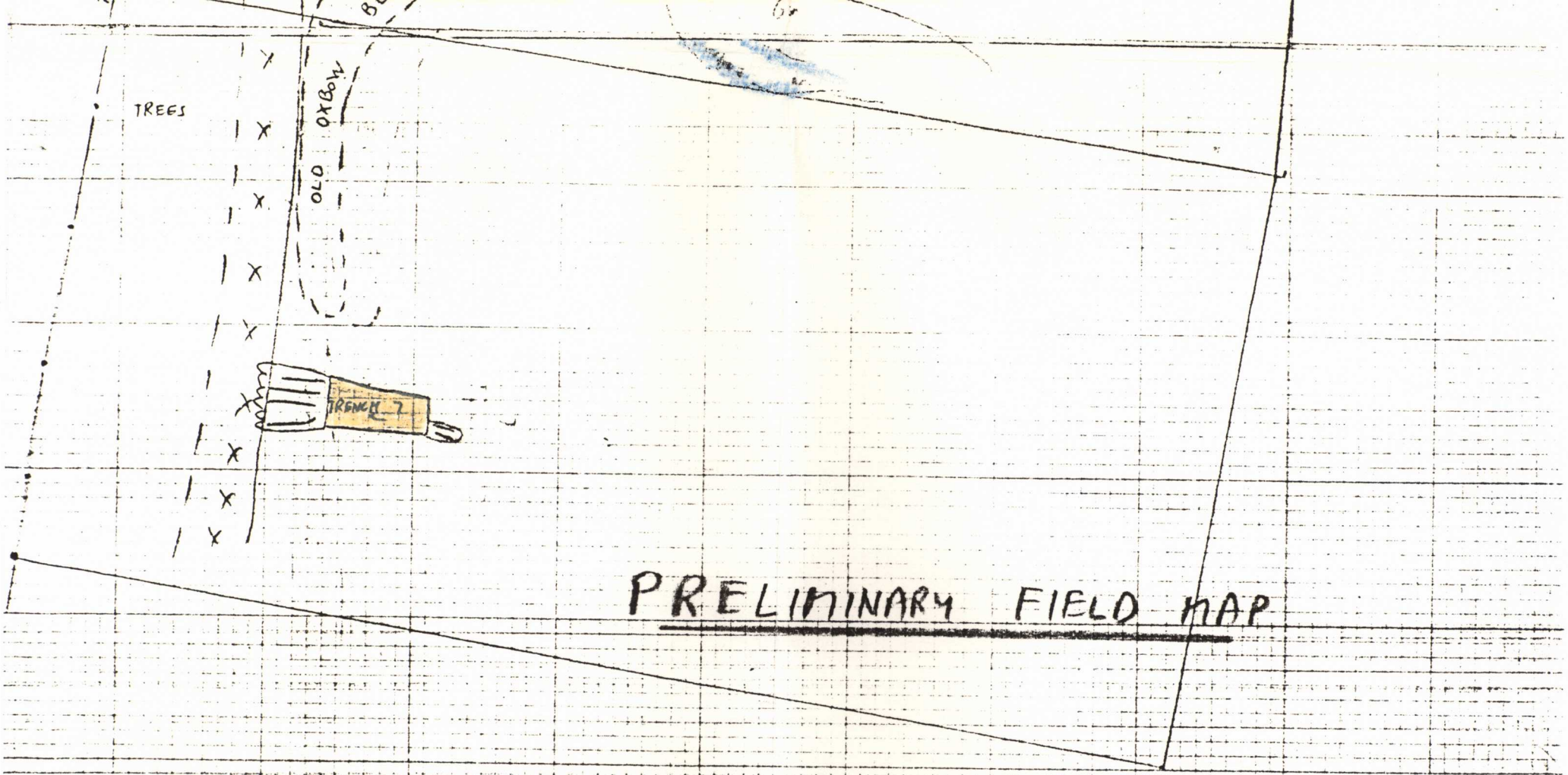
INITIAL MAPPING
CLAIMS 12-16
JULY 25, 1985
Dan D. Lane

BEND

TREES

DIANE 12

Gravel



PRELIMINARY FIELD MAP

DRAWN BY IAN D. THOMSON
PEGASUS EARTH SENSING CORP.

120076 (25)