



52J07NW0020 52J07NW0011A1 ARMIT LAKE

010

Diamond Drilling

Area Armit Lake

Report NO 15

Work performed by: Stargazer Resources Ltd.

Claim NO	Hole NO	Footage	Date	Note
PA 485975				
485980	82-4	557.0	Apr/82	(1)
PA 570950	82-5	447.0	Apr/82	(1)

TOTAL: 2 DH 1004 FT

Notes: (1) #86-82

DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE

HOLE No. 82-DDH-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. _____ Sheet No. 1 of 5
 Section Kash Grid-6 L-8W
 Date Begun April 2, 1982
 Date Finished April 5, 1982
 Date Logged April 14, 1982

Lat. L-8W
 Dep. 8+20S
 Bearing -45° @ 172°
 Elev. Collar _____

Total Depth 557 feet
 Logged by G. M. Leary
 Claim 16.485975: 485980
 Core Size NQ (1 7/8")
 Drilled By Longyear

DEPTH FROM	TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	AU ozs/ton	≥30 ppmAs	≥90 ppmCu	≥100 ppmZn
0	55		Water								
55	90		Overburden								
				Note:	90	170	Intermittently split and sampled at 8 inch intervals				
90	126	100%	Banded varicoloured (pale green, cream, grey, pink) laminated cherty sericitic tuff; mylonitic textured; sparse disseminated pyrr and pyrite; foliation 45° to core axis;	82SJT107	90	115	25	.001	134		
				82SJT108	115	140	25	.001	83.5		
					140	170	30	.001			
126	128.4	100%	Laminated dark grey-black cherty, pyritic argillite; 7-10% pyrite in laminations and disseminated.								
128.4	136	100%	Banded green (medium to light) and light coloured to grey sericitic felsic tuff; minor disseminated and fracture coatings of pyrite and pyrrhotite; darker coloured than tuff section above; mylonitic textured with qtz-feld augen (1/16");								
136	155	100%	Massive to locally banded medium to light green calcareous felsic tuff; sparse disseminated pyrr; mylonitic texture;								
155	177.5	100%	Massive to crudely banded dark cream coloured felsic tuff; minor disseminated pyrite; spotted texture due to secondary growth of fine grained								

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AUG 10 1982

A.M. _____ P.M. _____

7 8 9 10 11 12 1 2 3 4 5 6

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. 82-DDII-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. _____ Sheet No. 2 of 5 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	AU ozs/ton	≥ 30 ppmAs	≥ 90 ppmCu	≥ 100 ppmZn
FROM	TO										
			Feldspar; mylonitic texture with typical fine grained quartz augen in a sericitic cherty mylonitic ground mass (i.e. typical of all felsic tuffs in hole); sparse pyrite along fr's								
				Note:	170	266	Continuously split and sampled				
177.5	228	100%	Light coloured massive sericitic felsic tuff and local tuff breccia; 15 qtz ± py ± hem veinlets 1" to 1" wide throughout section; minor hematite (red) along fr's; typically mylonitic; 221-228 locally brecciated and healed mylonitic tuff; widespread thin hair-line fractures with pyrite-quartz fillings throughout section; average 1% py in section;	82SJT110	170	180	10	.001			
				82SJT111	180	190	10	.001			
				82SJT112	190	200	10	.001			
				82SJT113	200	210	10	.001	92.7		
				82SJT114	210	220	10	.001	65.7		
				82SJT115	220	228	8	.001	410		
228	259.5	228-237 100%	Dark grey to black pyritic graphitic								
		237-247 80%	argillaceous (i.e. argillite chips)								
		247-259.5 10%	siltstone and argillite; heavy laminations, lenses and disseminations of pyrite 228-229.5 (i.e. 20% pyrite); also heavy pyrite indicated at 258 (?) -259.5, though core lost here (i.e. 10% pyrite); 5% disseminated and laminations of								

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. 82-DDH-4

DIP TEST		
		Angle
Footage	Reading	Corrected

Hole No. _____ Sheet No. 3 of 5 Lot. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	AU ozs/ton	Σ30 ppmAs	Σ90 ppmCu	Σ100 ppmZn
FROM	TO										
			pyrite in remainder of section; common crosscutting								
			qtz veins with minor pyrite cutting above unit;								
259.5	266	100%	Sulphide iron formation; heavy pyrite laminations	82SJT118	259.5	266	6.5	.001	48.6		
			(1/8"-3/8") in varicoloured green and pink tuffaceous sericitic chert unit; average 15-20% py;								
				Note:	266	350	Intermittently split and sampled at 8 inch intervals.				
266	295	100%	Banded chloritic and sericitic calcareous (moderate)	82SJT119	266	280	14	.001			
			banded dacitic wacke or tuff; probably a reworked	82SJT120	280	300	20	.001			
			tuff; minor dissem. pyrite locally; average 1%	82SJT121	300	325	25	.001	39.7		
			pyrite;	82SJT122	325	350	25	.001			
295	297	100%	Black weakly pyritic silty argillite; 3-5% py and								
			marcasite disseminated and along fractures;								
297	408	100%	Lt pale green to grey thin bedded to banded argill-	Note:	350	557	Continuously split and sampled.				
			aceous (i.e. chloritic med. green fine grained	82SJT123	350	360	10	.001			
			dark bands) medium-coarse grained dacitic wacke;	82SJT124	360	370	10	.001			
			graded bedding is typical of unit with tops down	82SJT125	370	380	10	.001			
			hole; bedding 45° to core axis; local pyrite-	82SJT126	380	390	10	.001			
			chlorite laminations; highly calcareous from 341	82SJT127	390	400	10	.001			
			to 408; intermittent quartz veins along and across	82SJT128	400	410	10	.001			
			bedding from 351 to 408; veins approx 1/10 ft;								

DIAMOND DRILL RECORD

PROPERTY _____

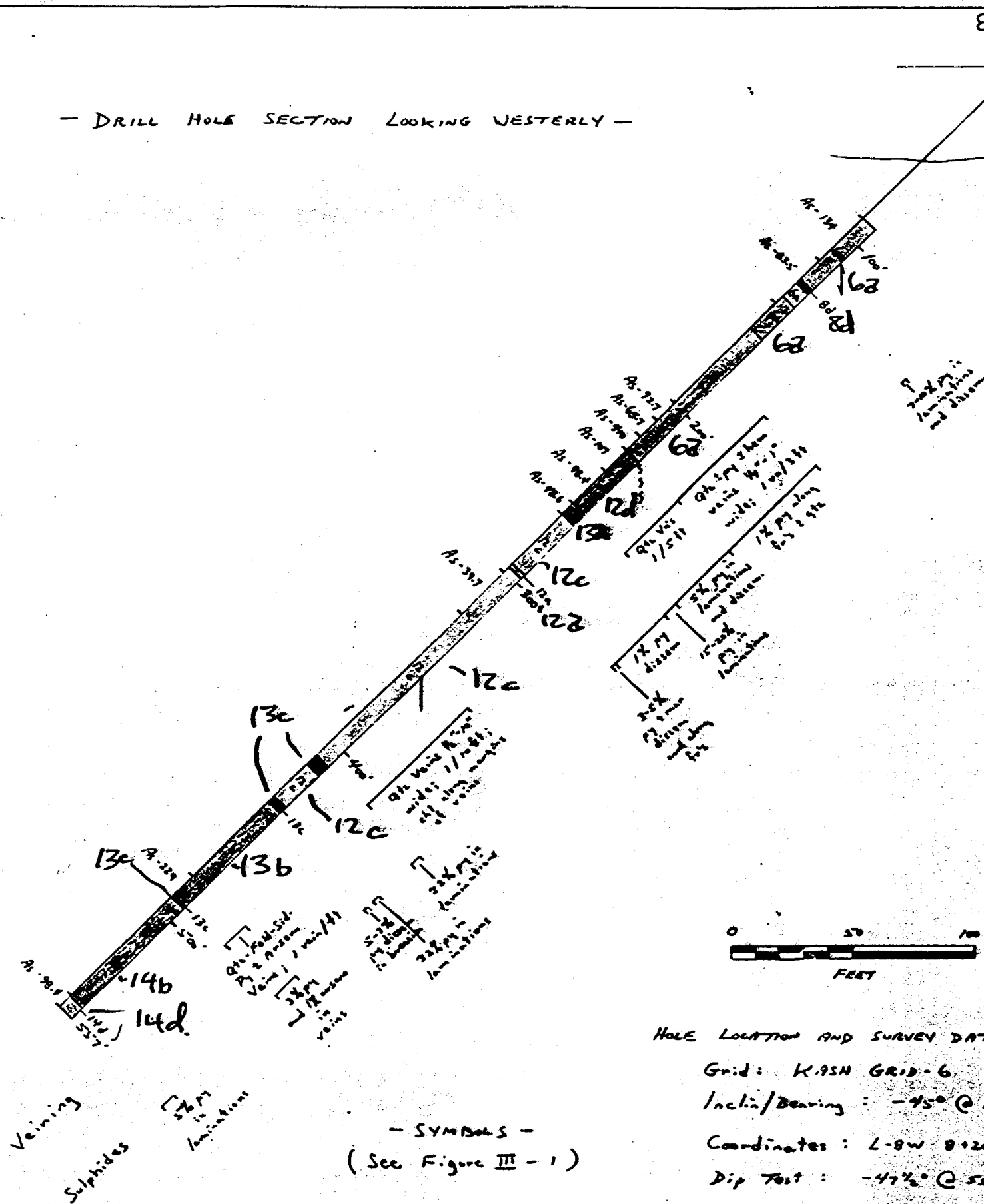
HOLE No. 82-DDH-4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. _____ Sheet No. 4 of 5 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	AU ozs/ton	≥30 ppmAs	≥90 ppmCu	≥100 ppmZn
FROM	TO										
			veins 1/4" to 10" wide; wide vein at 388-388.8 of qtz-feld peg with minor py; veins commonly with chloritic margins;								
408	436.2	100%	Interbedded limy dacitic wacke as above with banded weakly pyritic chert-chlorite beds (main ones at 409-414, 433-436.2)	82SJT129	410	420	10	.001			
				82SJT130	420	436	16	.001			
436.2	490.5	100%	Massive laminated black magnetite-chert iron forma- tion; local qtz-pink calcite gash veinlets & len- soid sweets to 1/4" wide; calcareous (weakly) from 445-477; 436.2-445 pyritic section (i.e. pyrite disseminated, in laminations and in matrix in intraformational breccia from 439.5 to 441; avg 5-7% py); 436.2-441 banded mag-chert-chlorite hematite iron formation facies; 480-490.5 - Banded mag-chert-chlorite-mafic wacke iron formation facies with qtz-feld-sid irregular and discontin- uous veins up to 2" wide (14 veins in zone) with associated py and minor arseno and chlorite;	82SJT131	436	445	9	.001			
				82SJT132	445	460	15	.001			
				82SJT133	460	470	10	.001			
				82SJT134	470	480	10	.001			
				82SJT135	480	492	12	.001	229		
490.5	492	100%	Banded pyritic chloritic chert unit similar to 433-436.2; few qtz-feld-sid-py- veins as above; weakly calcareous								

- DRILL HOLE SECTION LOOKING WESTERLY -



- LEGEND -

WHIMBREL VOLCANICS AND SEDIMENTS

- 14b [Symbol] Calcareous Andesitic Wacke
- 14d [Symbol] Banded Chloritic and Cherty Andesitic Wacke
- 13a [Symbol] Sulphide Iron Fm (ie Banded pyritic, sericitic chert)
- 13b [Symbol] Oxide Iron Fm (ie Laminated magnetite chert ± chlorite)
- 13c [Symbol] Banded Pyritic; Chloritic Chert
- 12a [Symbol] Pyritic Silty Argillite
- 12c [Symbol] Banded to Thin Bedded Argillaceous Dacitic Wacke; Locally chloritic, sericitic and/or calcareous
- 12b [Symbol] Pyritic Graphitic Argillite and Siltstone

JUTTEN VOLCANICS

- ed [Symbol] Pyritic Cherty Argillite
- 6a [Symbol] Banded to Massive Felsic Tuff; Locally cherty or calcareous; Sericitic; Local tuff-breccia; Sparse dissem. pyr and py.



HOLE LOCATION AND SURVEY DATA
 Grid: KASN GRID-6
 Incl./Bearing: -45° @ 172°
 Coordinates: L-8W 9-20S
 Dip Test: -47½° @ 557 Ft.

GML MINERALS CONSULTING LTD

STARGAZER RESOURCES LTD
 SAVANT LAKE PROJECT

GRAPHIC DIAMOND DRILL HOLE LOG
 82DDH-4

DRAWN BY: G.M. LEARY
 DATE: JUNE, 1982

FIGURE III-4

DIAMOND DRILL RECORD

PROPERTY SAVANT LAKE

HOLE No. 82-DDH-5

DIP TEST		
		Angle
Footage	Reading	Corrected

Hole No. _____ Sheet No. 1 of 4 Lat. 12 + 50E
 Section Kash Grid-7 L-12+50 Dep. 3 + 10N
 Date Begun April 7, 1982 Bearing -45° @ 145°
 Date Finished April 9, 1982 Elev. Collar _____
 Date Logged April 13, 1982

Total Depth 447 feet
 Logged By G.M. Leary
 Claim Pa. 570950
 Core Size NQ (1 7/8")
 Drilled By Longyear

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	AU ozs/ton	230 ppmAs	290 ppmCu	2100 ppmCr
FROM	TO										
0	10		Overburden	NOTE:	10	487					
								All sections continuously split and sampled.			
10	43	100%	Thin bedded to banded cherty felsic tuffs; sericitic and weakly limy; very minor py along fr's; banding 45° to core axis.	82SJT59	10	20	10	.001	72.0		
				82SJT60	20	30	10	.001	58.5		
				82SJT61	30	40	10	.001	50.6	126	
			12 - 17 Interbedded zones of pale-medium green limy wacke or andesitic tuff; minor disseminated py.								
			10-43 1-2 qtz veins/ 5 feet up to 2" wide; breccia to locally foliated.								
43	53.5	100%	Massive to locally foliated medium grained diorite with chilled borders up to 2' wide; common calcite fracture fillings throughout; foliation 45°-35° to core axis;	82SJT62	40	50	10	.001	31.7		
			47 1/2 - 53 Qtz-calcite-epidote-garnet-diopside-pyrr veinlets or replacement zones (i.e. 1/ft) up to 1 1/2" wide except for one 8" wide zone at 50-50.7; average 1% sulphides;								
53.5	61.5	100%	Massive to banded felsic cherty tuff-breccia unit; 5 barren quartz stringers (1" wide)	82SJT63	50	60	10	.001		94.3	136
				82SJT64	60	70	10	.003		111	

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 AUG 10 1982
 A.M. _____ P.M. _____
 8 9 10 11 12 1 2 3 4 5 6

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. 82-DDH-5

DIP TEST		
Angle		
Footage	Reading	Corrected

Hole No. _____ Sheet No. 2 of 4 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	AU ozs/ton	≥30 ppmAs	≥90 ppmCu	≥100 ppmCr
FROM	TO										
61.5	66.5	100%	Green massive andesitic tuff; local disseminated py-pyrr; calcite along fr's; 2 barren qtz stringers (1/2" wide); end of veined section;								
66.5	71	100%	Cherty felsic tuffs; very minor disseminated py								
71	125	71-93 100%	Medium to thickly interbedded cherty felsic tuffs	82SJT65	70	80	10	.004	30.7	131	
		93-95 75%	tuffaceous chert and massive to crudely banded	82SJT66	80	90	10	.001	41.0	96.3	
		95-125 100%	carbonate-rich, pyritic and pyrrhotitic (i.e. 1-2% disseminated sulphides) green chloritic andesitic wacke or tuff; banded tuffaceous chert units 73.5-78.5, 80.5-86.3, 93-103, 107-111; 111-125 (Mixed cherty and green chloritic and carbonate-rich units); 1/2" barren qtz vein at 123 1/2; 2" long fracture with scheelite at 106;	82SJT67	90	100	10	.001		134	
				82SJT68	100	110	10	.001	36.1	136	
				82SJT69	110	120	10	.001	37.3	128	
				82SJT70	120	130	10	.003	46.0	138	
125	312	100%	Laminated to banded carbonate (calcite)-chlorite-biotite-sericite exhalite unit; locally interbedded carbonate-rich andesitic tuffs (177-182, 195-199); qtz stringer at 129.5; qtz-py-pyrr stringer zone 162-213.5 with veins 1/2"-1 1/2" wide often showing isoclinal fold forms and with local heavily disseminated pyrite (often euhedral crystals up to 1/2" across) adjacent to some of quartz	82SJT71	130	140	10	.001		134	
				82SJT72	140	150	10	.001		106	114
				82SJT73	150	160	10	.001		127	117
				82SJT74	160	170	10	.001		120	120
				82SJT75	170	180	10	.001		147	134
				82SJT76	180	190	10	.001	64.4	100	183
				82SJT77	190	200	10	.001		175	148
				82SJT78	200	210	10	.001		104	114

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. 82-DDH-5

DIP TEST		
		Angle
Footage	Reading	Corrected

Hole No. _____ Sheet No. 3 of 4 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH FROM	TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au	≥ 30	≥ 90	≥ 100
								ozs/ton	ppmAs	ppmCu	ppmCr
125	312	(con't)	veinlets; best py-pyrr developed 162-176 (approx. 5% sulphides); overall (i.e. 125-213.5) exhalite unit is commonly sulphidic carrying an average of 1-2% disseminated py-pyrr often occurring in narrow zones with 5% sulphides over a few inches to 1 foot;	82SJT79	210	220	10	.001	32.4	101	119
				82SJT80	220	230	10	.001	58.2	98.4	144
				82SJT81	230	240	10	.001	43.4		153
				82SJT82	240	250	10	.001	42.4	121	120
				82SJT83	250	260	10	.001	36.9	138	114
				82SJT84	260	270	10	.001		114	119
			248-270 Intermittent py-pyrr disseminations (average 3% sulphides)	82SJT85	270	280	10	.001	41.2	145	132
				82SJT86	280	290	10	.001	98.0	135	
			281-343 16 qtz-calc py-pyrr boudinaged to iso-clinally folded veins 1/2" - 1" wide;	82SJT87	290	300	10	.001	62.9	104	129
				82SJT88	300	310	10	.001	49.2	119	162
312	355	100%	Foliated chloritic spotted feldspathic amphibolite interbedded with chloritic mafic tuffs; common calcite filled fr's and veinlets; foliation 45° to core axis; minor disseminated py-pyrr 353-355.	82SJT89	310	320	10	.001		105	223
				82SJT90	320	330	10	.001	30.4	105	165
				82SJT91	330	340	10	.001		108	155
				82SJT92	340	350	10	.001		141	161
355	412	100%	Interbedded laminated to banded chlorite-carbonate exhalite with minor foliated amphibolite; unit is sulphidic with 3-4% disseminated py-pyrr particularly in narrow zones; 5 qtz veinlets 1/2"-1" wide from 386-398 with minor associated sulphides in veins; overall zone is more chloritic and sulphidic than exhalite above;	82SJT93	350	360	10	.001		162	101 ppm
				82SJT94	360	370	10	.001		110	267
				82SJT95	370	380	10	.001	91.5	167	178
				82SJT96	380	390	10	.001	71.7		244
				82SJT97	390	400	10	.001			
				82SJT98	400	412	12	.001	49.1	99	253

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. 82-DDH-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. _____ Sheet No. 4 of 4 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	AU ozs/ton	≥ 30 ppmAs	≥ 90 ppmCu	≥ 100 ppmCr
FROM	TO										
412	415.2	100%	Banded slightly tuffaceous (sericitic+ chloritic) chert unit with red-brown sphalerite laminations; remobilized sphalerite occurs in fracture zones (i.e. concordant fracture network across 1-2") associated with pyrite intermittently from 412-413; local sphal. lamnations with disseminated chains of arsenopyrite from 413-415.2; estimated 5% sphalerite; 2% pyrite and 2% arsenopyrite in unit; red hematitic fracture-networks associated with py+cpy also occur in unit;	82SJT99	412.2	415.5	3.3	.003	1827	652	Zn-257
415.2	447	100%	Intermittently cherty (i.e. banded to laminated varicoloured green and cream chert across 4" to 3") weakly-moderately carbonated green andesite tuffs and/or wacke; local minor disseminated pyrite; common calcite fr's in tuff-wacke. 417 -419; Felsic tuff-breccia; cherty	82SJT100	415.5	420	4.5	.001	71.3		
				82SJT101	420	430	10	.001			117
				82SJT102	430	440	10	.001			185
				82SJT103	440	447	7	.001			143

PATRICIA MINING DIV.

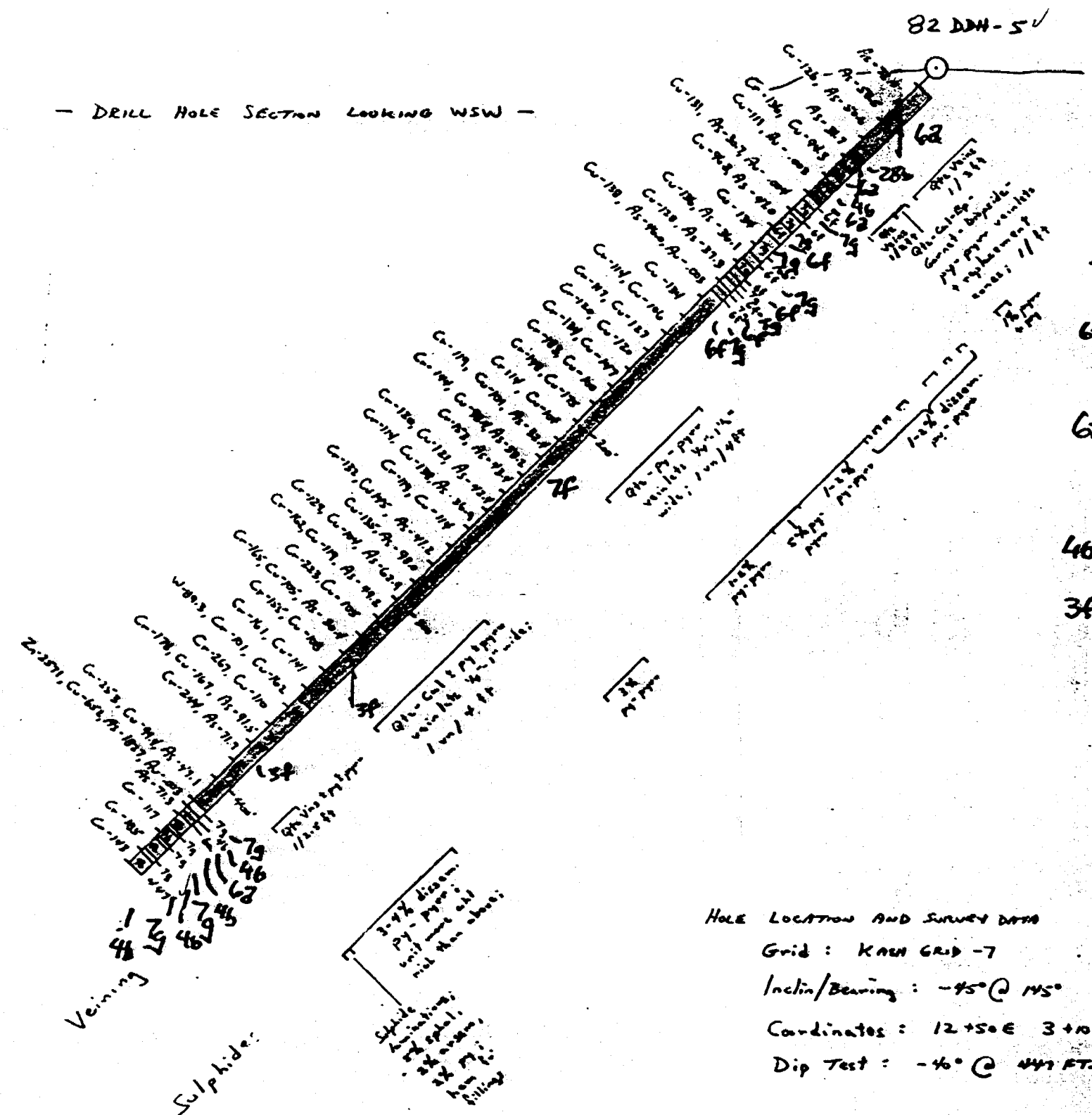
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AUG 10 1982

A.M. P.M.

7 8 9 10 11 12 1 2 3 4 5 6

- DRILL HOLE SECTION LOOKING WSW -



- LEGEND -

INTRUSIVE ROCKS

280 Massive Medium Grained Diorite

JUTTEN VOLCANICS

78 Banded Sulphidic Carbonate-Chlorite (Biotite-Sericite) Exhalite Unit

79 Banded Tuffaceous Chert

69 Intebbed Cherty felsic Tuff and Sulphidic Chlorite-Carbonate Rich Andesitic Wacke

62 Thin Bedded to Banded Cherty Felsic Tuff; Sericitic and Weakly Limy; Sparse Dissem. Py; Local Breccia

46 Andesitic Tuff; Sparse Dissem. Py

34 Foliated Chloritic Feldspathic Amphibolite and Chloritic Mafic Tuffs

UNIT 74
FIGURE 3



HOLE LOCATION AND SURVEY DATA
 Grid : KARN GRID -7
 Incl/Bearing : -45° @ 145°
 Coordinates : 12+50E 3+10N
 Dip Test : -46° @ 447 FT.

- SYMBOLS -
 (See Figure III - 1)

GML MINERALS CONSULTING LTD	
STARGAZER RESOURCES LTD	
SAVANT LAKE PROJECT	
GRAPHIC DIAMOND DRILL HOLE LOG	
82 DDH-5	
DRAWN BY: G.M. LEARY	FIGURE III-5
DATE: JUNE, 1992	

L28°00'N

L24°00'W

L20°00'W

L16°00'W

L12°00'W

L8°00'W

L4°00'W

L0°00'

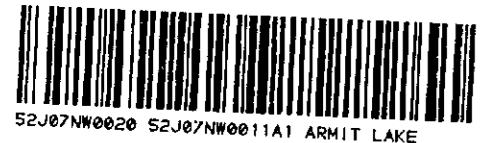
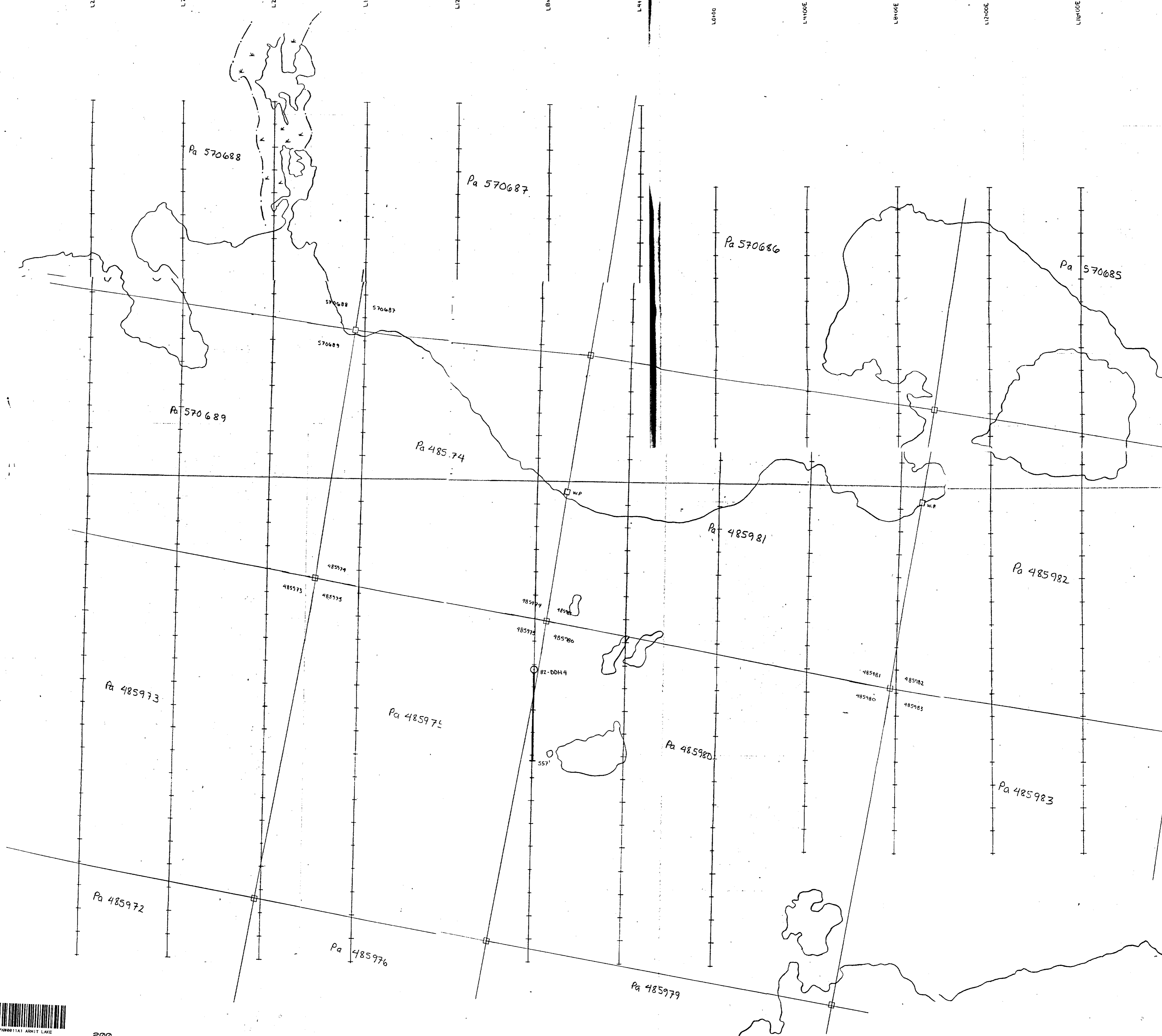
L4°00'E

L8°00'E

L12°00'E

L16°00'E

L20°00'E



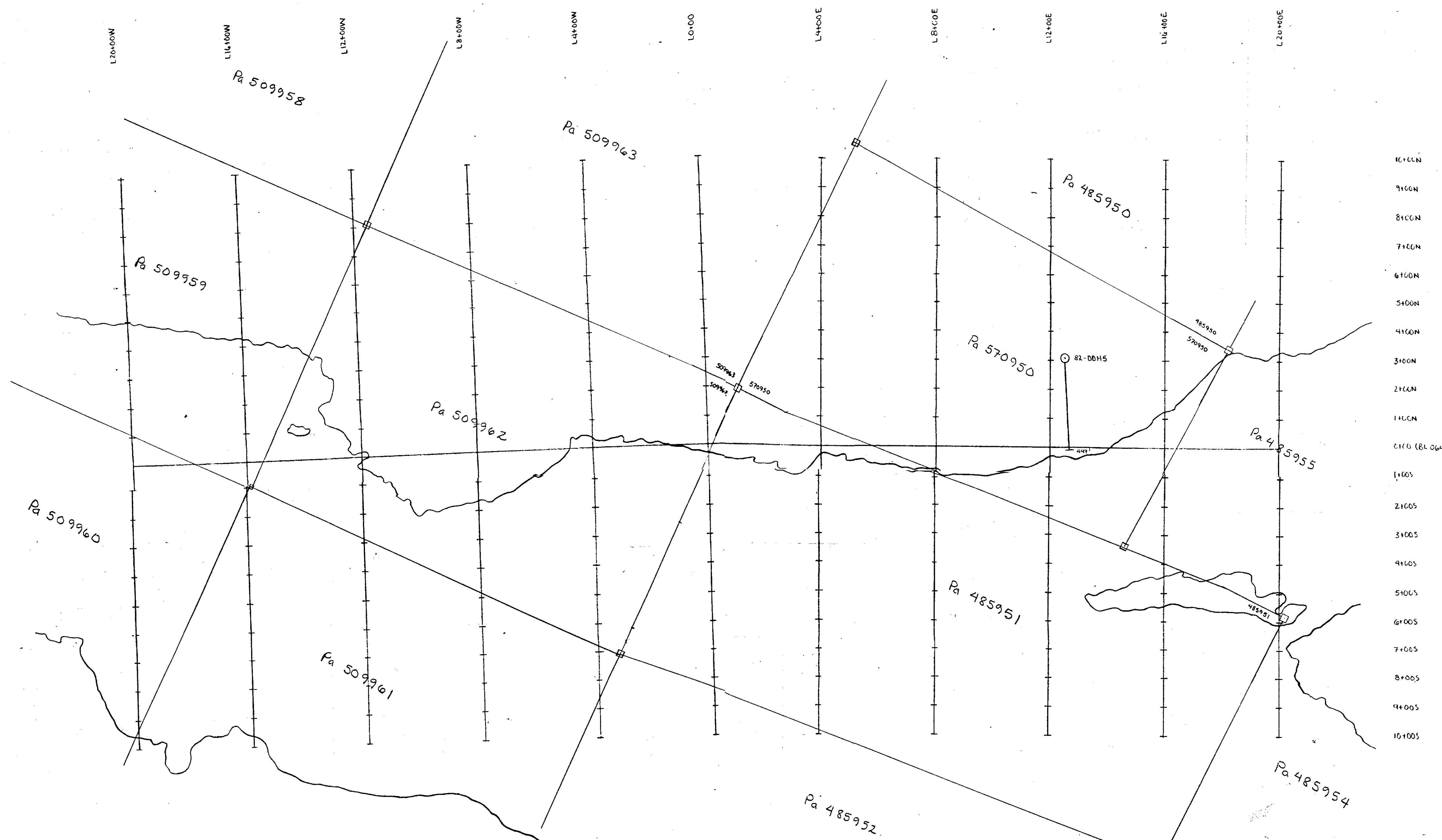
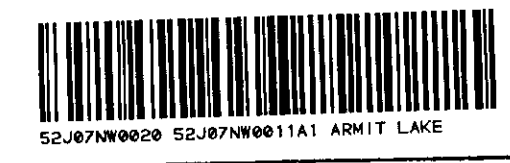
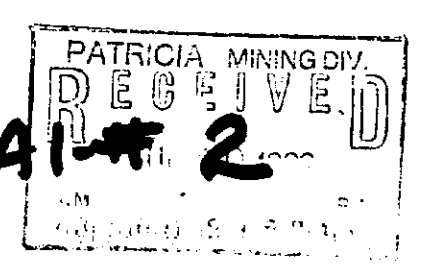
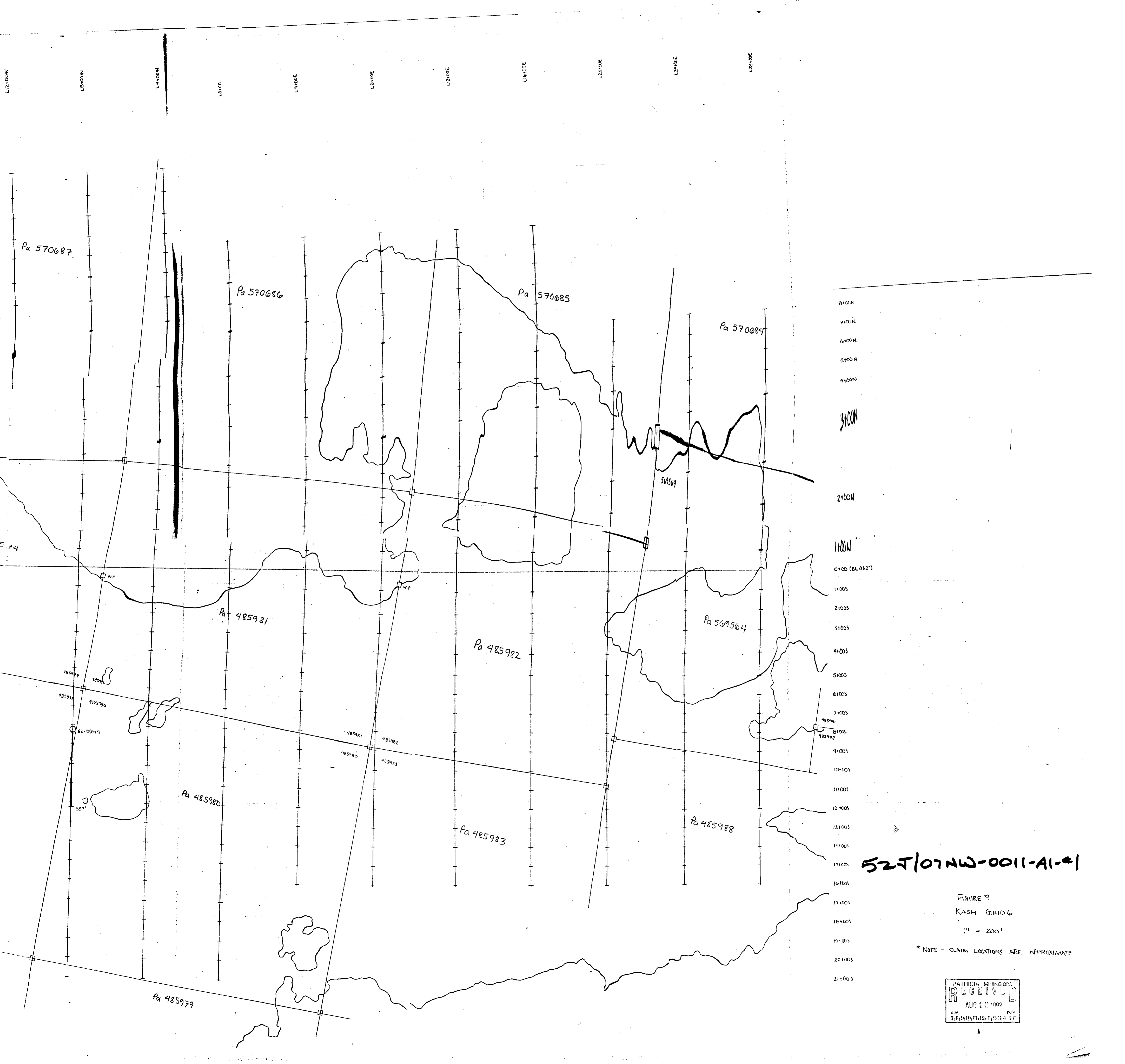


FIGURE 10
 KASH GRID #
 1" = 200'

* NOTE - CLAIM LOCATIONS ARE APPROXIMATE.

52T107NW-0011A1# 2





52J/07NW-0011-A1-1

FIGURE 9
KASH GRID 6
1" = 200'

* NOTE - CLAIM LOCATIONS ARE APPROXIMATE

PATRICIA MINING CO.
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AUG 10 1982
A.M. P.M.
7:30:10, 11:12, 1:30, 3:30