Table II Gold Analyses, Spi Lake Area					
Sample Number	Gold p.p.b. (ounces/ton	Rock Type	Setting	Northing	Easting
1	in brackets) * L5	chlorite, garnet,	120 feet thick main zone oxide exhalite extension of upper unit 4 into adjacent mafic flow sequence	6879400N	635400E
2	L5	Sugary chert	10 feet thick mixed facies interflow exhalite, probable extension of upper unit 4 into adjacent mafic flow sequence	6879900N	635700E
3	50,25	Pyritic massive sugary chert	Banded sulfide chert exhalite in zone up to 10 ft. thick; associated with #4, near base of unit 2.		638600E
" "	5	" " Pyritic laminated	*	11	11
4	30	Sugary chert Pyrrhotite rich sugary chert	Banded sulfide, chert exhalite in zone up to 15' thick; near base of unit 2	6878700N	638700E
"	L5	Massive sugary chert	· ·		639300E
5	10,L5	Banded magnetite and sugary chert plus some disseminated pyrite	Extension of samples #3 & #4.Main exhalite zone up to 150 feet thick, banded chert, pyrrhotite magnetite and chlorite, near base of unit 2.	6878500N	
6	10	Banded, boudinaged and foliate chert plus heavy sulfide	Sulfide facies banded exhalite, (maximum 50' thick) of main zone; extension of upper unit 2 into adjacent mafic flow sequence	6880500N	640600E
7	20	Brecciated, banded pyrite and chert Laminated sugary chert	One foot thick wanded interflow oxide exhalite	6878200N	647000E
8	25,10	and magnetite  Laminated sugary chert	in mafic flow sequence, unit 1 (?) Minimum 1 1/2 foot thick banded mixed chert magnetite, pyrite exhalite in adjacent flow	6879700N	648000E
9	5	Banded magnetite and chlorite, trace pyrite	Two or three foot thick oxide exhalite band near base of unit 2	6869000N	647300E
10	L5,L5	Pyritic felsic volcanic	Gossan in felsic pyroclastics of unit 2	6870100N 6866800N	649700E 652400E
11	5	Sugary jasper, with disseminated pyrite veined by quartz	Zero to 10 foot thick oxide exhalite zone, boudinaged probable extension of main zone in unit 4		"
n	L5	Sugary banded magnetite and chert	Gossan on felsic breccia of unit 4,	6890500N	653800E
12	L5 5	Pyritic felsic schist  Massive carbonate with	narrow zones  Discontinuous zones in felsic breccias	п	п
13	L5	trace pyrite  Massive siliceous carbonate, trace pyrite	of unit 4 "Larder Lake" type carbonate exhalite several tens of feet thick associated with	6880800N	346300E
14	3500(.112) 10750(.344)	Coarse grained siliceous carbonate with disseminated	fine grained sediments near top of unit 4 In "Larder Lake" type carbonate exhalite up to 100 feet thick associated with clastic	6875800N	346700E
15	16750(.536) L5	arsenopyrite cut by irreg- ular quartz veins.  Banded, brecciated	Several foot thick oxide facies exhalite	6876100N	348200E
16	L5	Chert and magnetite  Banded chert and tuff	band in felsic volcanics of unit 4 May be extension of main zone "Larder Lake" type carbonate exhalite at	6878600N	348000E
10	"	Massive grey-green	least 75 feet thick near top of unit 4	"	"
п	25	siliceous carbonate Foliated grey siliceous carbonate, trace pyrite	"	п	11
"	L5	Massive grey-green carbonate vague quartz veins, some disseminated pyrit	te	,"	"
n	п	Foliate, chloritic carbonate		"	n
" "	5,L5 - 20	Black shale with	n n	"	"
17	85 <b>,</b> 5	disseminated pyrite  Silicate rich, massive iron su lfide; plus chalcopyrite and sphalerite Silicate rich massive sulfide	- Polymetallic sulfide facies of the main exhalite zone within unit 4	6885100N	349500E
		sphalerite and pyrite with some chalcopyrite	п	11	"
"	20,25	Massive pyrite, some chalcopyrite  Galena rich massive	(This specimen also contains 80 p.p.m.	п	"
18	L5,L5 L5	pyrite, some sphalerite Siliceous siderite with disseminated pyrite	silver) Carbonate facies exhalite of main zone in unit 4	6881400N	355000E
"	L5	Banded, chert and siderite	"	6881600N	363800E
19	10	Massive intermediate lava with spheroidal aggregrates of pyrite	Along strike extension of #20		
20	370	Massive iron sulfide with sugary chert	Interflow sulfide exhalite and veins up to several feet thick in flow sequence of unit 5	6881500N	364200E
"	1430(.046)	Massive pyrite with lesser sphalerite and chalcopyrite		"	п
н	910(.029)	Felsic volcanic veined and spotted with pyrrh-		п	
21	20	otite and chalcopyrite Silicates plus coarse pyrite and trace of	Large gossan on pyritic mafic tuffs interbedded with gabbroic flow sequence	6877800N	379600E
22	5	chalcopyrite Silicates plus some pyrite	of unit 3 and near granite contact  Pyritic, tuffaceous interflow material in mafic low sequence, Unit 3 in contact	6877200N	381100E
23	240,245	Massive iron sulfides plus iron silicates and	zone of granite  Interflow sulfide exhalite, less than 10 ft thick in large xenolith in agmatite near	6873600N	383000E
24	5	quartz  Laminated magnetite	unit 4 or 8 Probable main zone exhalite near top of	6876000N	384300E
25	20	Banded chert calc,- silicate, magnetite	felsic volcanics in unit 4 (or 6?) High-grade metamorphosed extension of main exhalite zone in unit 4 (?) in septum between major lobes of Kaminak	6883400N	397100E
26	220,220	Massive pyrite with trace chalcopyrite	Batholith  Massive sulfide exhalite in possible extension of upper unit 6	6911800N	376000E
"	110	Massive quartz with spheroidal aggregates of pyrite	"	"	п
27	5	Pyritic intermediate volcanic	Light gossan near top of felsic unit 4	6905300N	
28	L5 to 20	Mixed facies, banded exhalite; locally rich in iron sulfides trace chalco-	Main exhalite zone up to 150 feet thick in unit 4. Prominently banded with chert magnetite, pyrite and	6904300N 6903500N	to
29	15	pyrite  Banded magnetite, chert, and trace pyrite	chlorite  Mixed facies exhalite from main zone at the top of unit 4	6902600N	385400E
30	55,15	Massive pyrrhotite	Spot outcrop of sulfide facies within main zone of exhalite near top of unit 4	6902300N	
31	5	Banded, brecciated chert/limestone	Carbonate phase of the main exhalite zone near the top of unit 4  Sulfide rich phase of the main exhalite	69002200 6902100N	
32	25	Brecciated bands of laminated pyrite in a siliceous carbonate matrix	zone near the top of unit 4  Gossan in intermediate, predominantly flow	6904600N	387800E
33	80	Cherty tuffs with dissemin- ated pyrite and minor chalcopyrite	sequence of unit 5	60035000	389200E
34	35	Laminated chert frag- ments in coarse massive pyrite matrix	Sulfide rich phase of main exhalite zone at top of unit 4	6903500N	1 3892005
n	10	Laminated pyrite, chert carbonate and silicates	Sulfide rich phase of carbonate exhalite main zone at the top of unit 4  Main exhalite zone, carbonate facies at top	"	
"	15	Laminated siderite and chert with minor pyrite	of unit 4. Overlain by carbonate rich pillow lava	69030000	√ 389900E
35 36	20 L5,15	Pyritic, siliceous massive siderite Banded chert/magnetite	Main exhalite zone, carbonate facies, at top of unit 4. Mainly well banded Oxide exhalite from main zone at top of	69022001	
36	5	Banded carbonate and	unit 4  Thin carbonate exhalite zone in felsic breccia near base of unit 6	69062001	N 393600E
38	5	Banded chert/siderite exhalite; no visible	One ft. thick exhalite zone in felsic tuffs of unit 6	69049001	N 396600E
39	260, 295	sulfide  Pyritic, siliceous,  massive carbonate	Carbonate exhalite fragment in rhyolite brečcias toward the top of unit 6	69071001	
40		Massive fine grained carbonate	Carbonate exhalite fragment in rhyolite breccia towards the top of unit 6	69062001	
41	10	Massive, fine grained carbonate and sericite schist	Carbonate exhalite fragments in rhyolite breccia towards the top of unit 6	6905500	
42	20	Rhyolite breccia with trace pyrite	"Mill Rock" towards top of unit 6	6913600 6914400	
43		Massive pyrite lenses in sugary quartz	50 foot thick gossan zone in felsic volcanics of unit 6. Possibly sulfide exhalite Possible 2 ft. thick pod of exhalite in	6914100	
44		Sugary quartz with pyrite laminae Siliceous calcium	rhyolite pyroclastics of unit 6 Tuffaceous limestone exhalite, probable	6912300	N 424400E
46		carbonate plus silicates  Pyritic felsic volcanic tuff and breccia	main zone near top of unit 6  Near top of unit 6	6912100	
47	5	Pyritic interflow tuff	Intermediate tuff about 20 feet thick in mafic flow sequence immediately above unit 6	6911300	N 42600E
*	L means less	than			

<sup>\*</sup>L means less than

