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APPENDIX B

OUTCROP PHOTOGRAPHS

Photos 1 - 23 Oro Grande

Photos 24 - 31 Weaver Creek

Photo 1

Banded amphibole gneiss, intermediate and felsic composition. Near contact to diorite. Location: OG-74-90.

Photo 2

Schlieren of amphibole gneiss enclosed in coarse grained diorite.
Location: OG-74-90

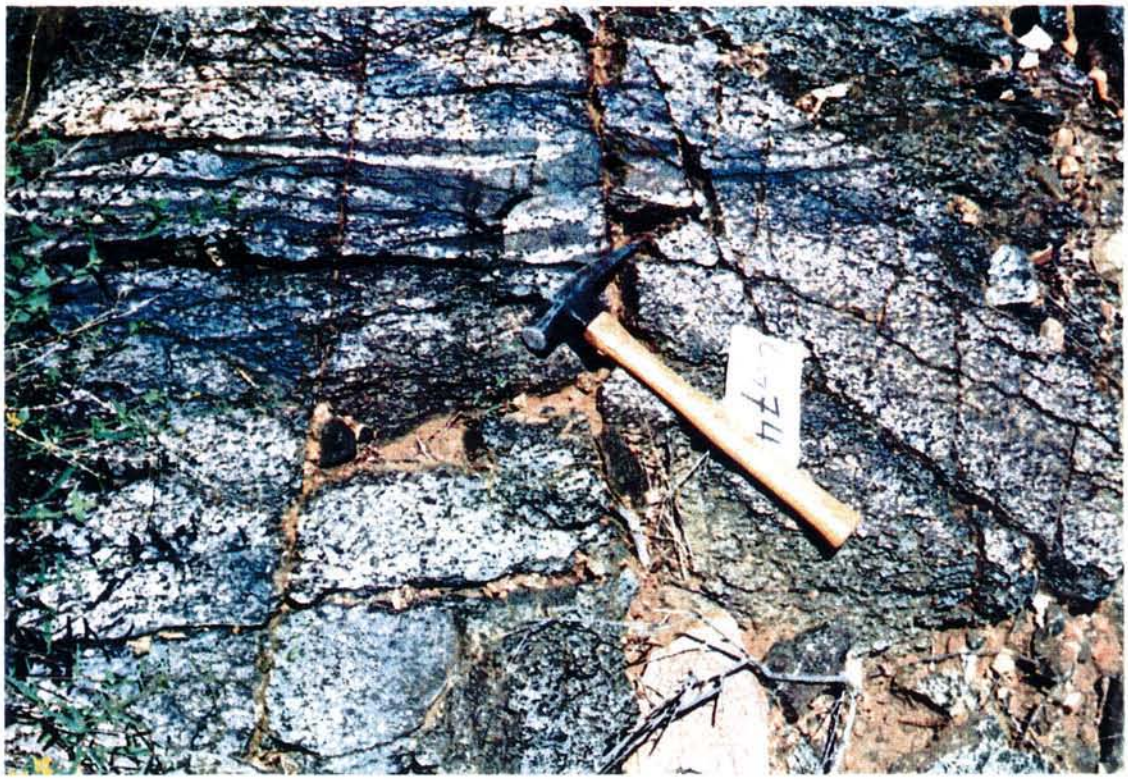


Photo 3

Quartz-diorite with a few centimetre-size mafic inclusions.
Location: OG-16-90

Photo 4

Foliated, inclusion-bearing, fresh diorite and hornblende-gabbro. Inclusions are more mafic than matrix.
Location: OG-5-90.

Photo 5

Inclusion bearing diorite, ~ 60% inclusions of mafic hornblende metagabbro are hosted by matrix of feldspathic meta-diorite.
Location: OG-25-90.

Photo 6

Inclusion-bearing diorite, fractured. Inclusions are feldspathic and ultramafic hornblendite, matrix feldspar - rich diorite.
Location: OG-10A-90, (approx. 50 m WNW of house)

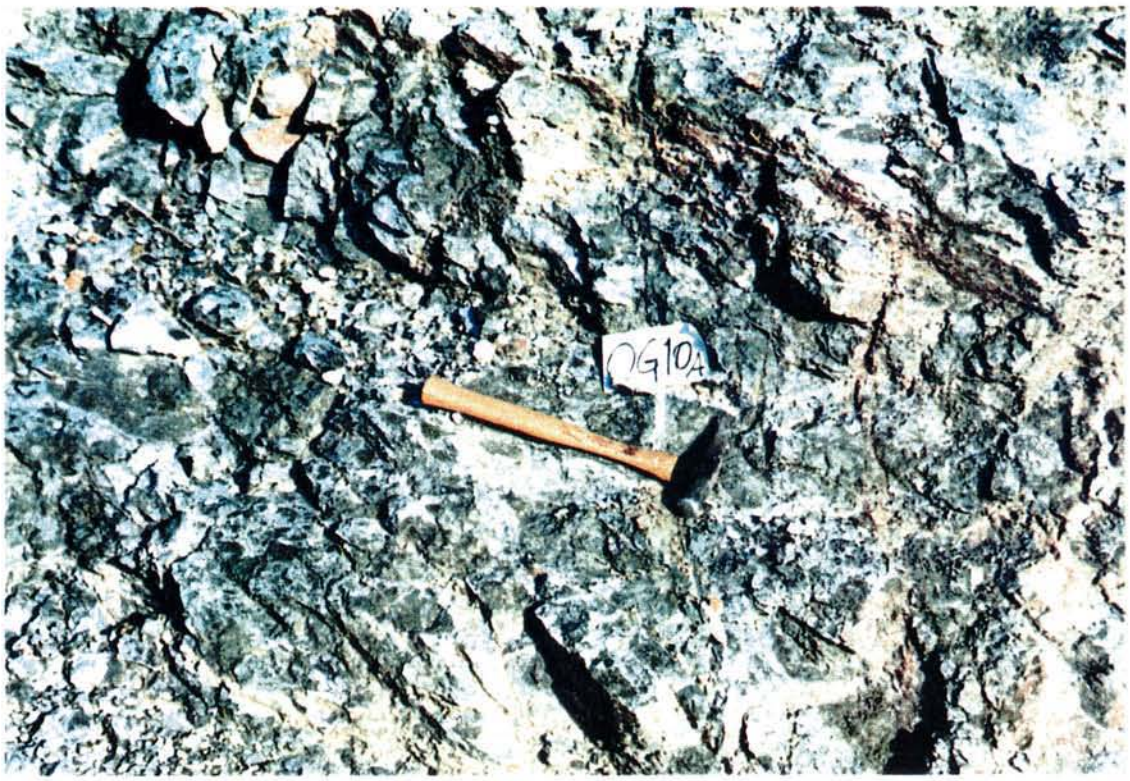


Photo 7

Faulted, altered, ultramafic chlorite - amphibole schist. Soft, crumbly. Fault - breccia?
Location: OG-10B-90, (approx. 10-15 m SW of 10A)

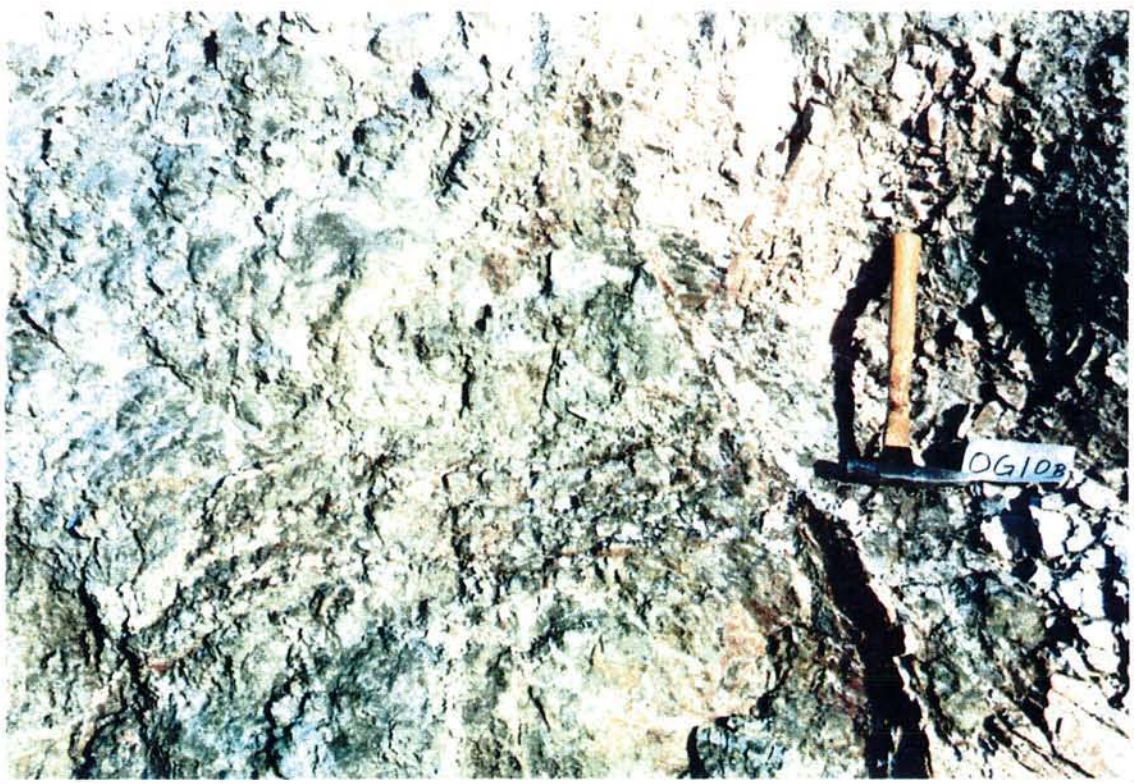


Photo 8

Ultramafic and feldspathic hornblendite, coarse, massive. Cut by aplitic dykes. It is not known whether hornblendite occurs as layers, inclusions or dykes within diorite.
Location: OG-90-90.

Photo 9

Brecciated felsic intrusive (dyke). Closely packed, monolithologic, leuco-granitic fragments.
From thin section: Very fine matrix in part isotropic, glassy.
Location: OG-15-90

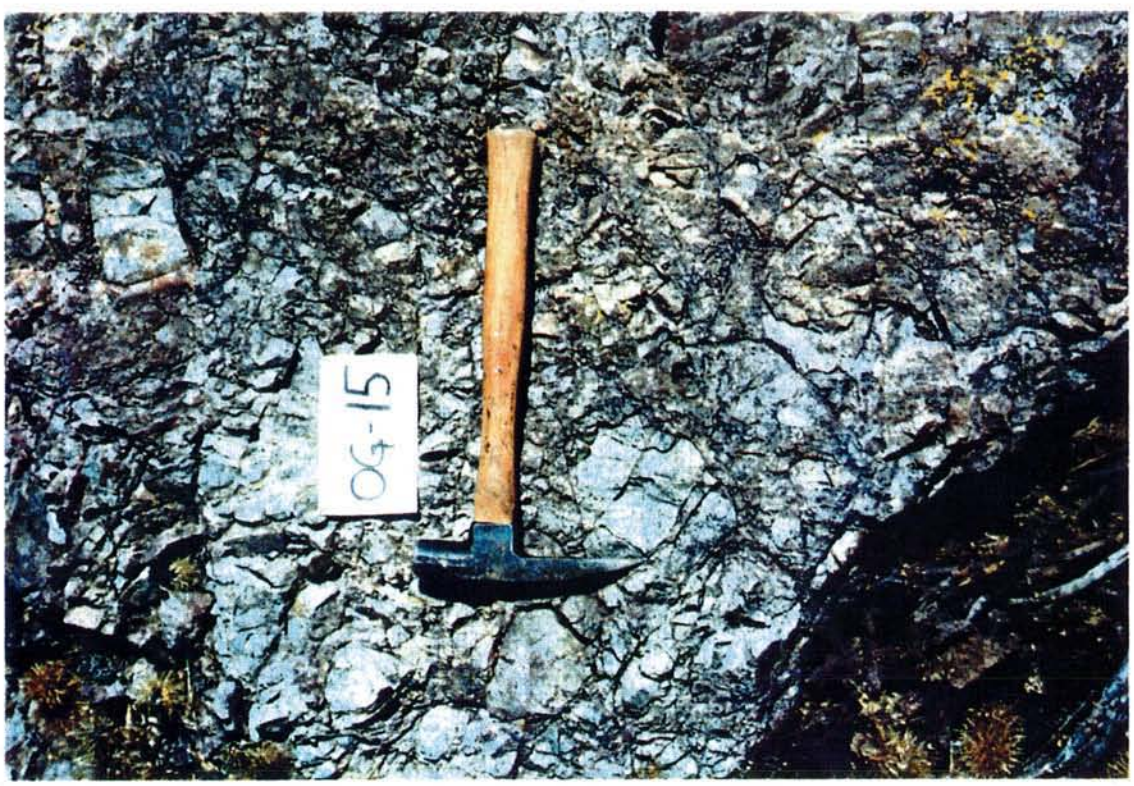
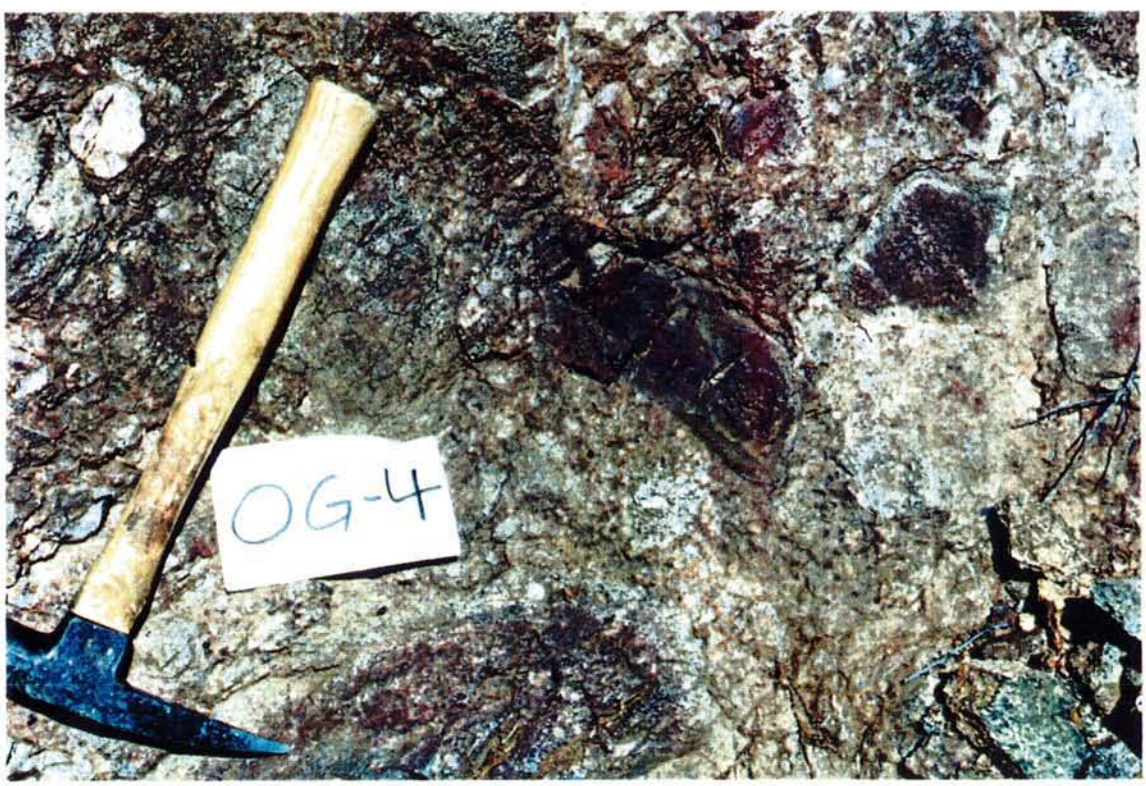


Photo 10

Heterolithologic breccia. Fragments heterolithologic, rounded, showing concentric colour zoning. Matrix fragmental, chloritic, carbonate-rich, in part limonitic. Random orientation of fragments. Location: OG-4-90.

Photo 11

Heterolithologic Breccia. Detail of Photo 10 showing different lithologies of fragments. Note dark green, fine mafic fragment in centre and white, felsic clast at upper left. Location: OG-4-90.



Photos 12 and 13

Breccia. Diorite fragments, rounded and angular in shape, in matrix of finer lithic fragments and coarse quartz with minor pyrite. Quartz occurs in more than two stages. Trace copper staining. Location: OG-7-90.

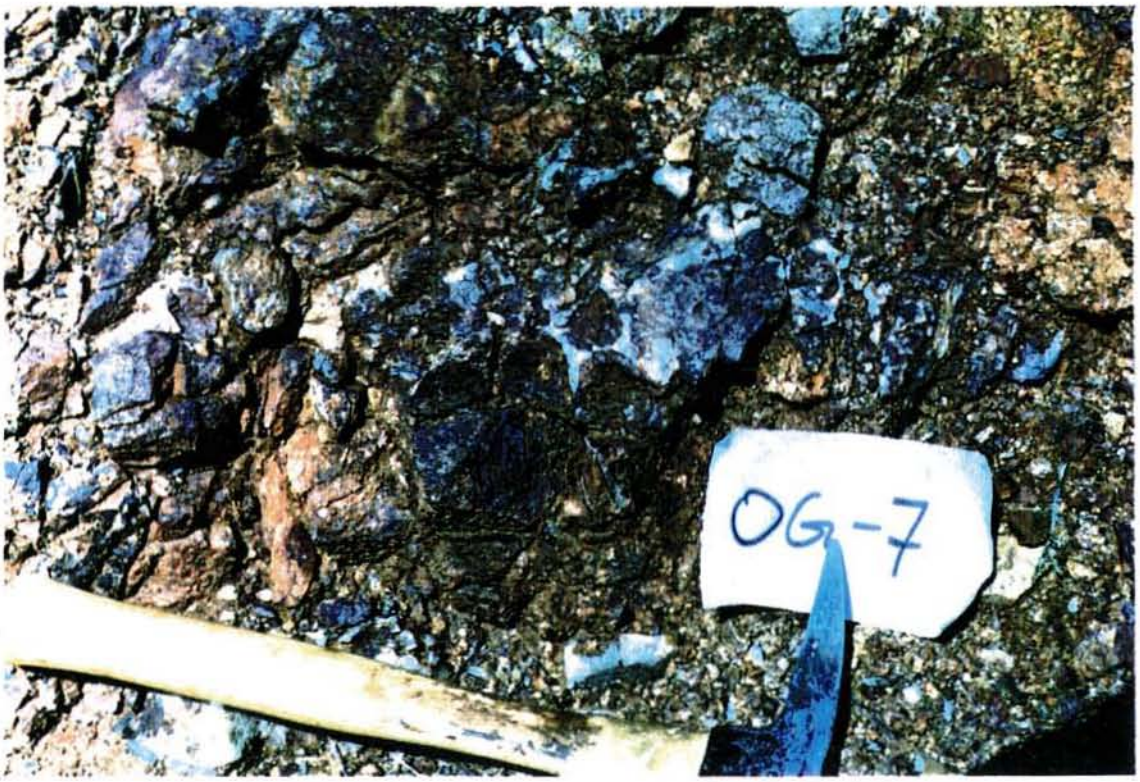


Photo 14

Breccia (NE-Zone)
Fractured, altered diorite (green) cut by sharply outlined, limonitic breccia zones.
Location: OG-20-90.

Photo 15

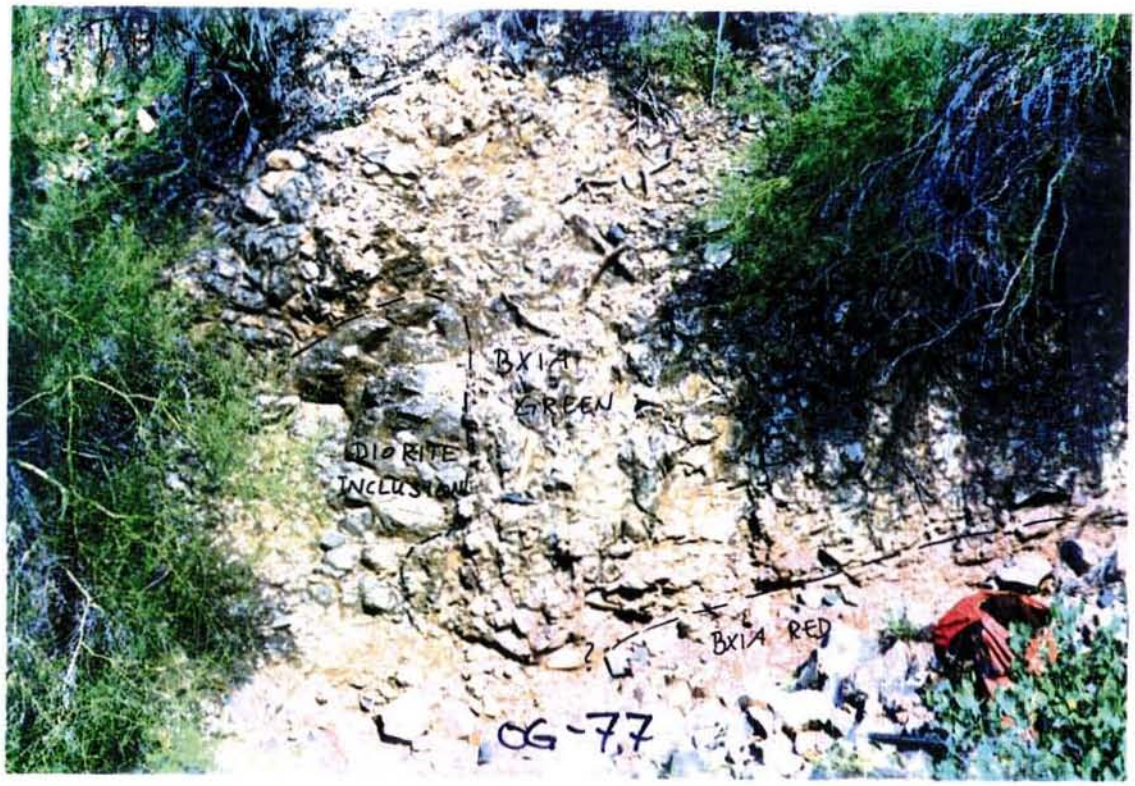
Breccia. (NE-Zone)
Brecciated diorite, in part with heterolithologic fragment population. Fragments are commonly rounded. Matrix consists of smaller rock fragments with minor quartz, carbonate, limonite. Matrix is more limonitic than fragments.
Location: OG-22-90.

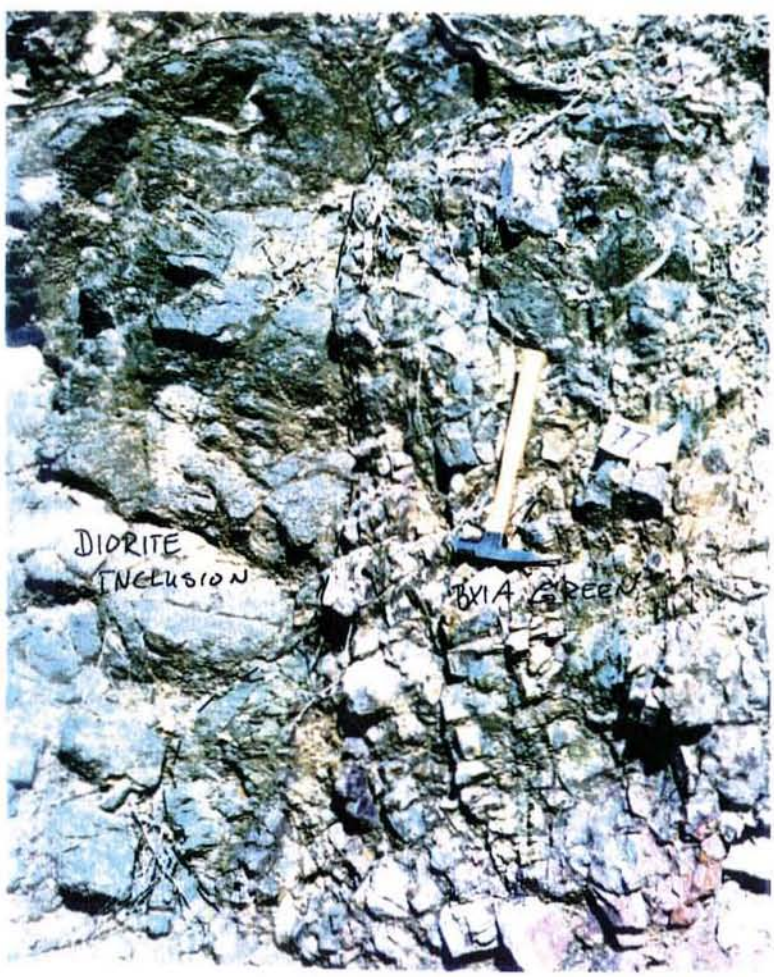
Photo 16

Breccia. (Linear Zone)
Rounded diorite fragments with minor matrix of carbonate, quartz, limonite. Scattered millimetre-centimetre limonite pseudomorphs after pyrite in matrix.
Location: OG-79-90.

Photos 17 and 18

Breccia (NE Zone). Rounded and angular diorite fragments in minor matrix of rock fragments, carbonate, quartz, disseminated pyrite replaced by limonite. Note large, m size block of diorite at left. Green breccia is cut by zone of red breccia (lower left of Photo 17).
Location: OG-77-90





Photos 19 and 20

SE - contact between Linear Breccia zone and diorite/gabbro.
The contact (left margin) is a 1-2 m wide zone of faulting and strong hydrothermal alteration. The diorite/gabbro is fractured, in part altered. Photo 20 is the eastern continuation of Photo 19.
Location: OG-32-90, Adit.

WEST

EAST

Photo 21

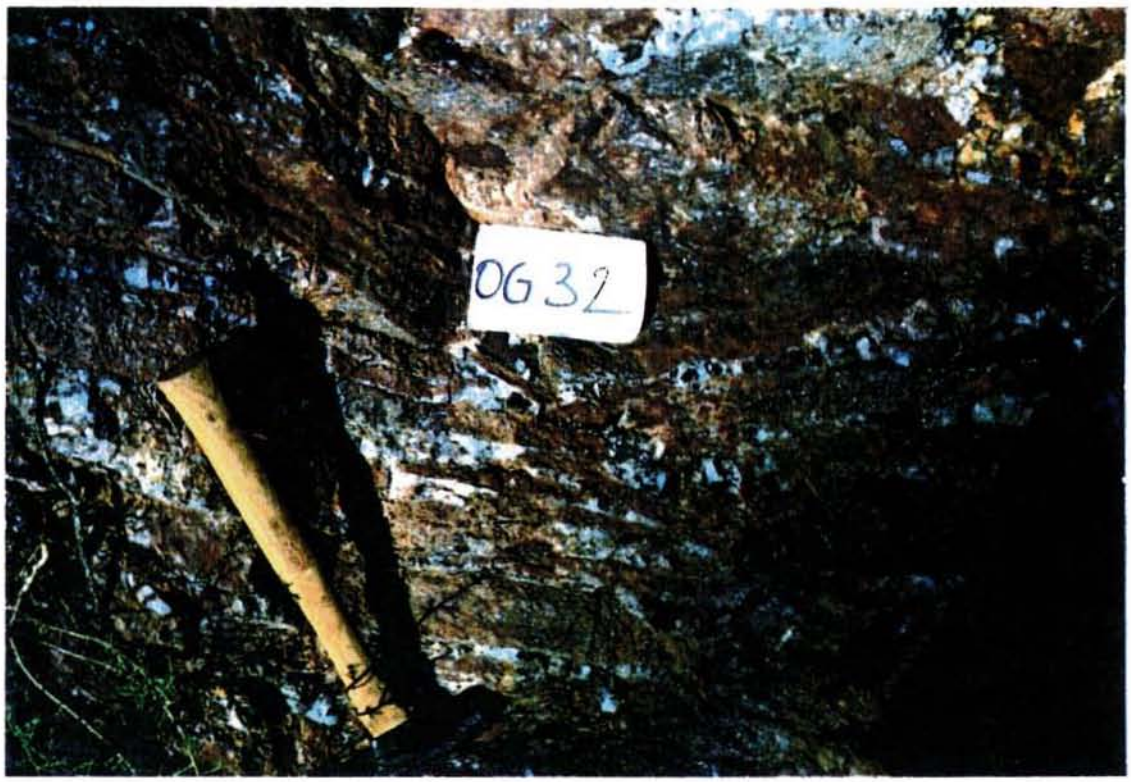
NW contact betwen Linear Breccia Zone (lower right) and diorite (upper left).

Note stretched inclusions/schlieren of ultramafic hornblendite (dark green) within feldspathic diorite (light grey).
Location: OG-32-90, Adit.

Photos 22 and 23

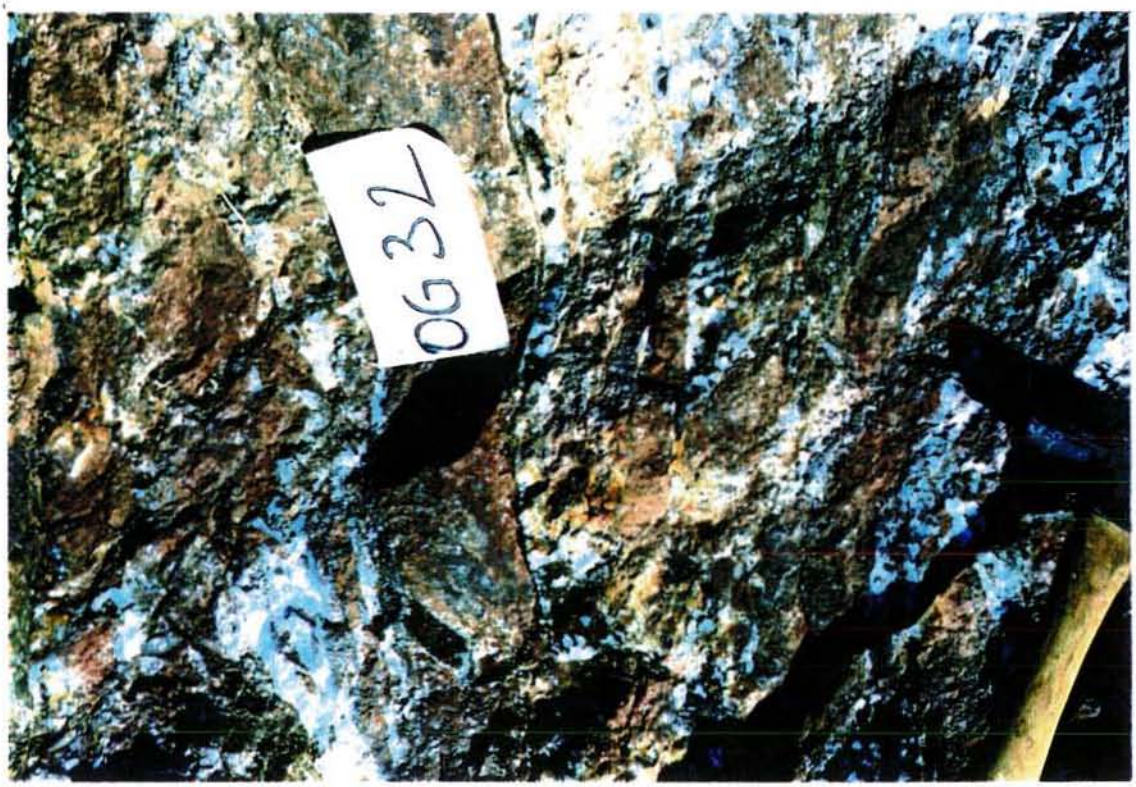
Linear Breccia Zone.
Angular oriented fragments of altered diorite, hornblende-gabbro and minor ultramafic hornblendite in a matrix of coarse, vuggy quartz, minor carbonate and oxidized pyrite.
The orientation of the rock fragments and quartz matrix is at a high angle to the trend of the breccia zone.
Location: OG-32-90

West



East

North



South

West

Photo 24

Crudely bedded, poorly sorted fluvial gravel deposits, type 2. Local cross-bedding by coarse sand (left centre of photograph).
Location: Weaver Creek, WC-1-90.

Photo 25

Detail of Photo 24 showing cross-bedding by coarse sand and overlying coarse, bouldery conglomerate. Top of photo at left.
Location: Weaver Creek, WC-1-90.

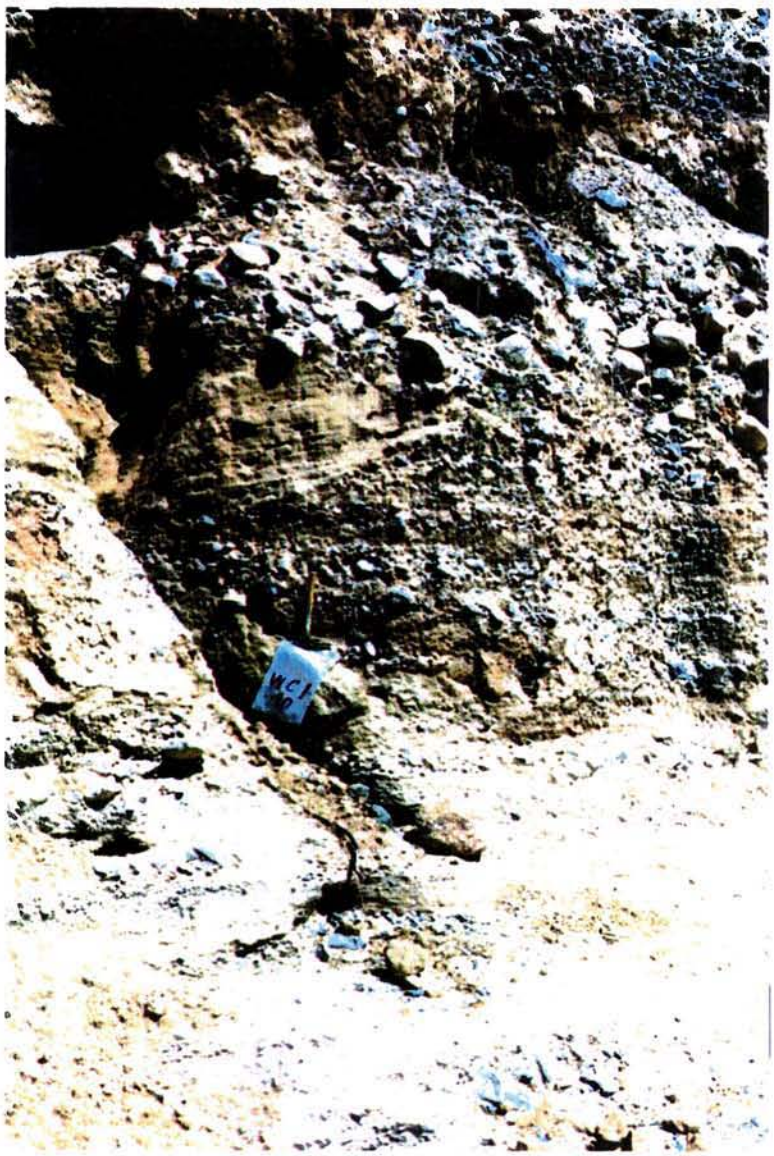


Photo 26

Gravel deposits type 2, showing crude bedding, poor sorting.
Location: Weaver Creek, WC-4-90.

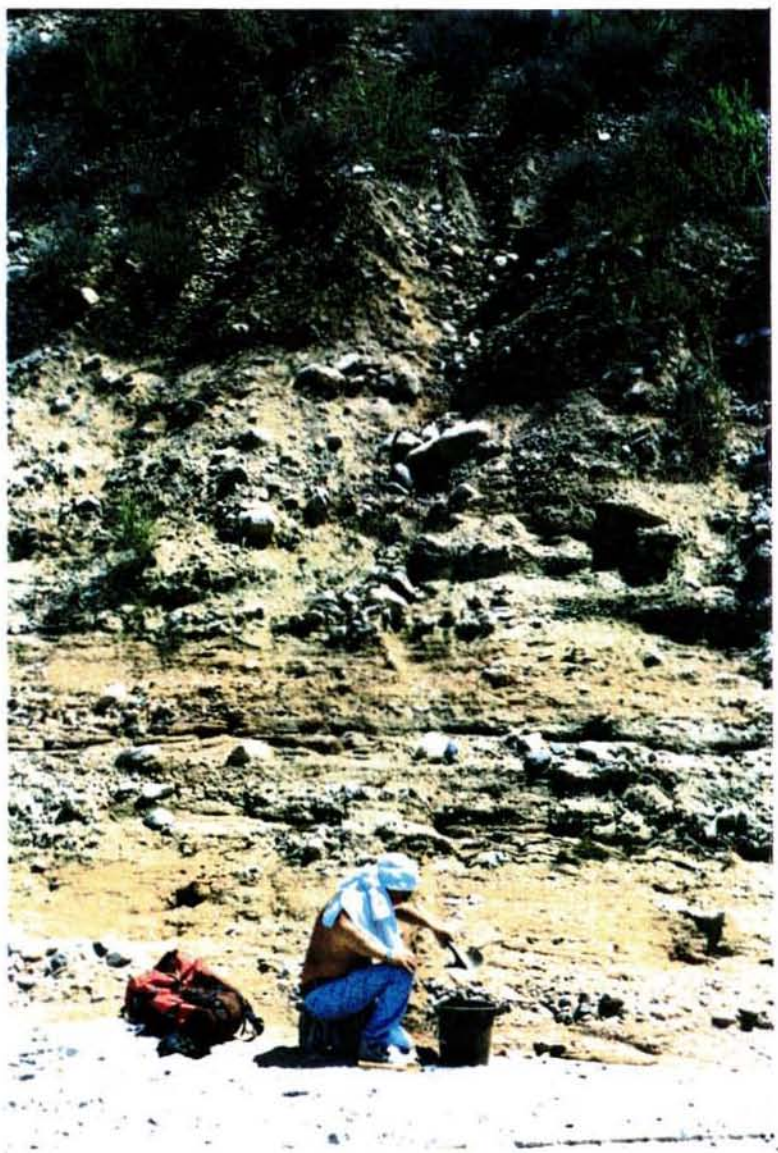


Photo 27

Gravel deposits, type 2.
Detail of Photo 26 showing alternating sandy and conglomeratic layers and cross bedding (upper left).
Location: Weaver Creek, WC-4-90.

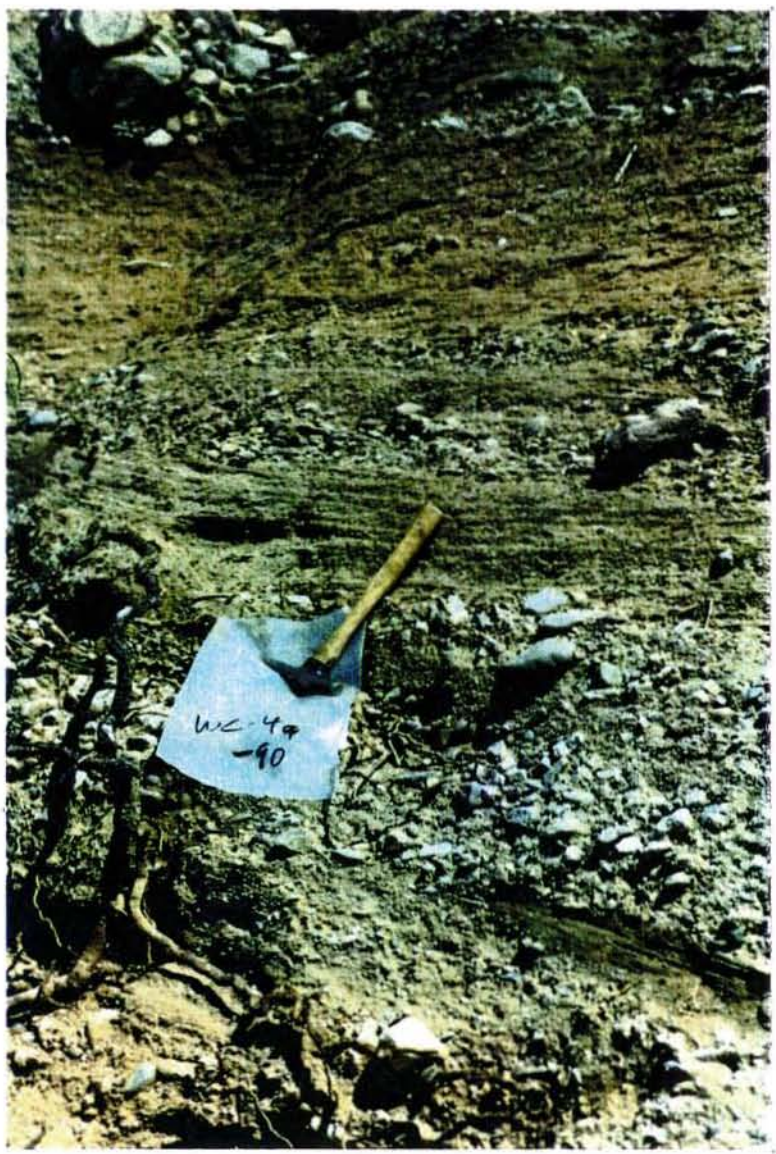


Photo 28

Gravel deposits type 2, showing crude bedding, poor sorting and reddish, clay-rich matrix. Boulders are 10 to 50 cm. in size.
Location: Weaver Creek, WC-13-90.

Photo 29

Gravel deposits type 2, similar to Photo 28. Note apparent imbrication of boulders (upper left) indicating old channel bed.
Location: Weaver Creek, WC-13-190.

Photo 30

Gravel deposits type 2. Showing very coarse, bouldery, (10-50 cm size boulders), unsorted character and rare, coarse sandy layers.
Location: Weaver Creek, WC-15-90.

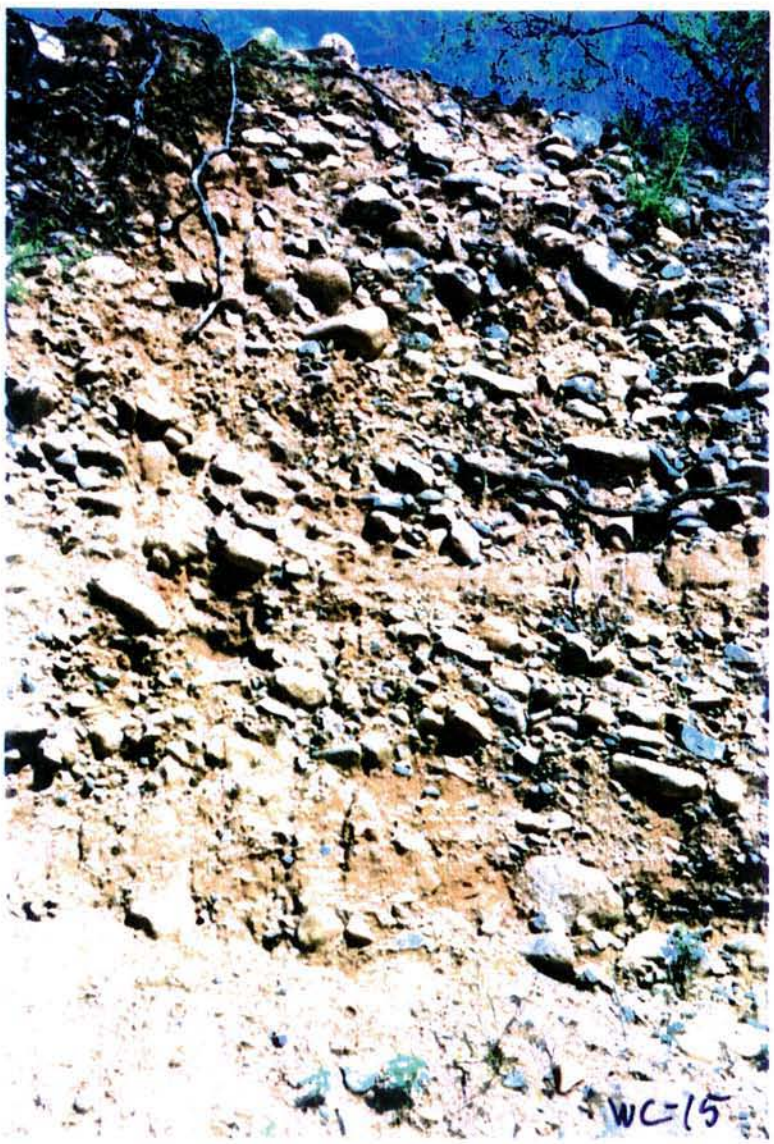


Photo 31

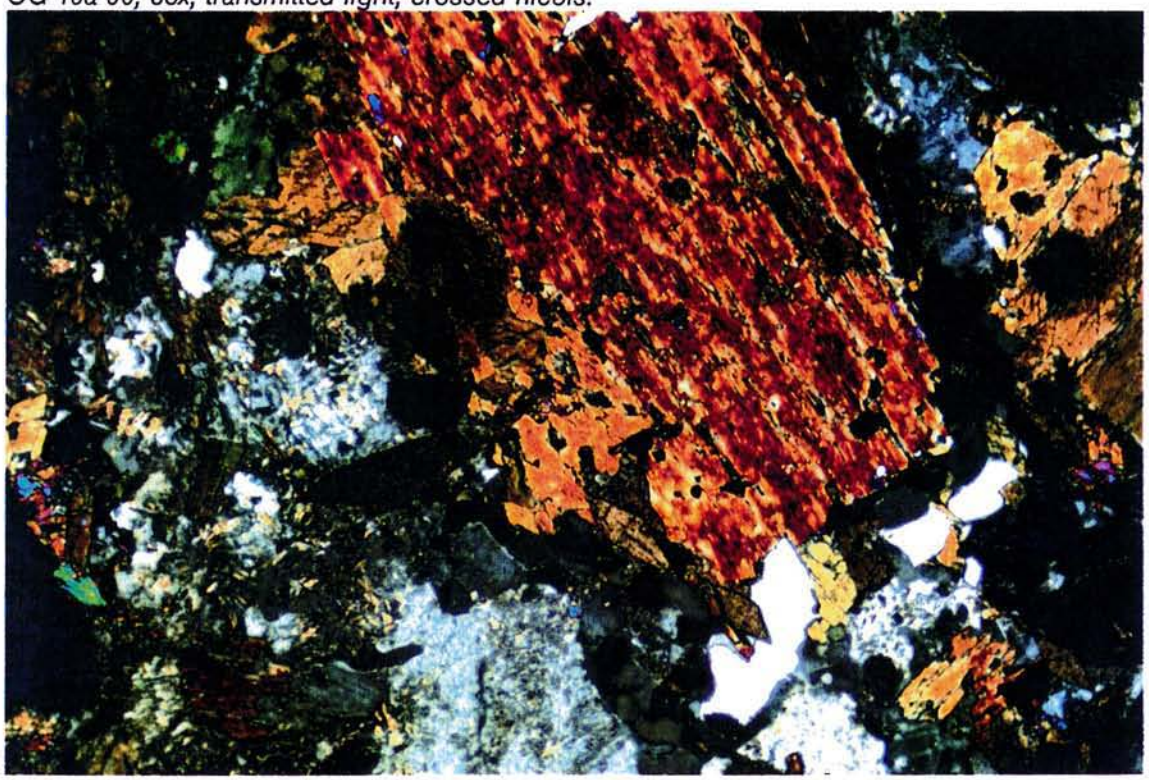
Gravel deposit type 2.
Detail of Photo 30 showing unsorted character, well rounded, very large boulders (up to 50 cm size) and small amount of reddish, clay-rich matrix. Interpreted as a high-energy fluvial deposit.

APPENDIX C

PHOTOMICROGRAPHS

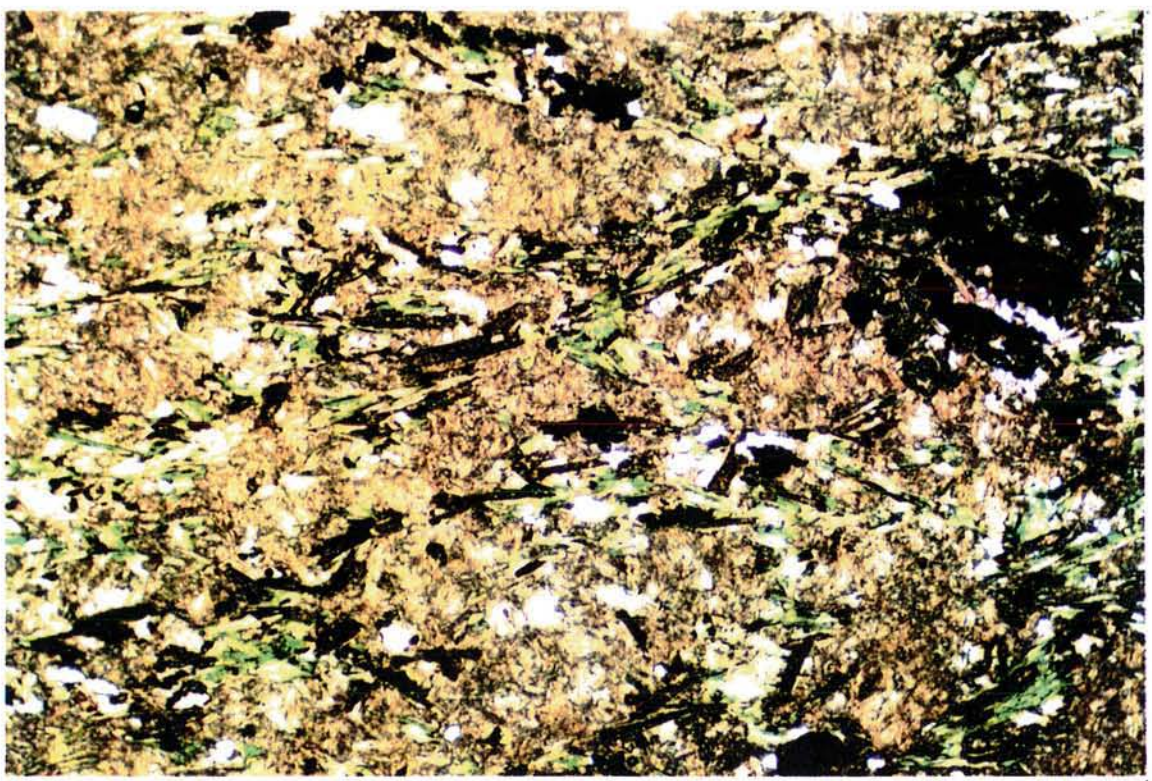
Photomicrograph (PM)1

Fresh meta-quartz-diorite.
Anhedral plagioclase (grey), quartz (white), large hornblende, scattered sphene grains (brown, centre). Texture metamorphic.
OG-10a-90, 35x, transmitted light, crossed nicols.



PM #2

Meta-diorite, altered.
Sericitized feldspar (brownish colour), quartz (white), oriented chlorite flakes (green), scattered opaques (black). Some feldspar occurs as an unaltered mosaic. Texture metamorphic.
OG-13-90, 35x, plain transmitted light.

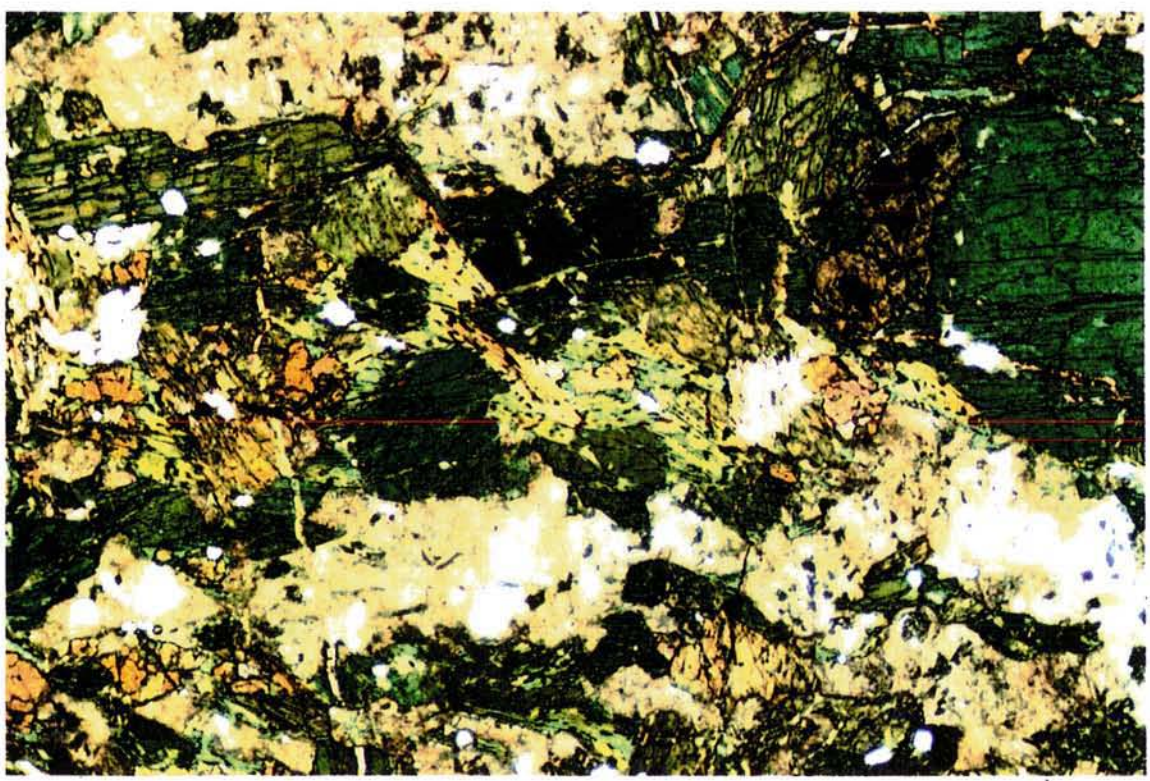


PM #3

Feldspathic hornblendite/mafic hornblende meta-gabbro. Randomly oriented hornblende grains, anhedral plagioclase (grey). Texture metamorphic.
OG-43a-90, 35x, transmitted light, crossed nicols.

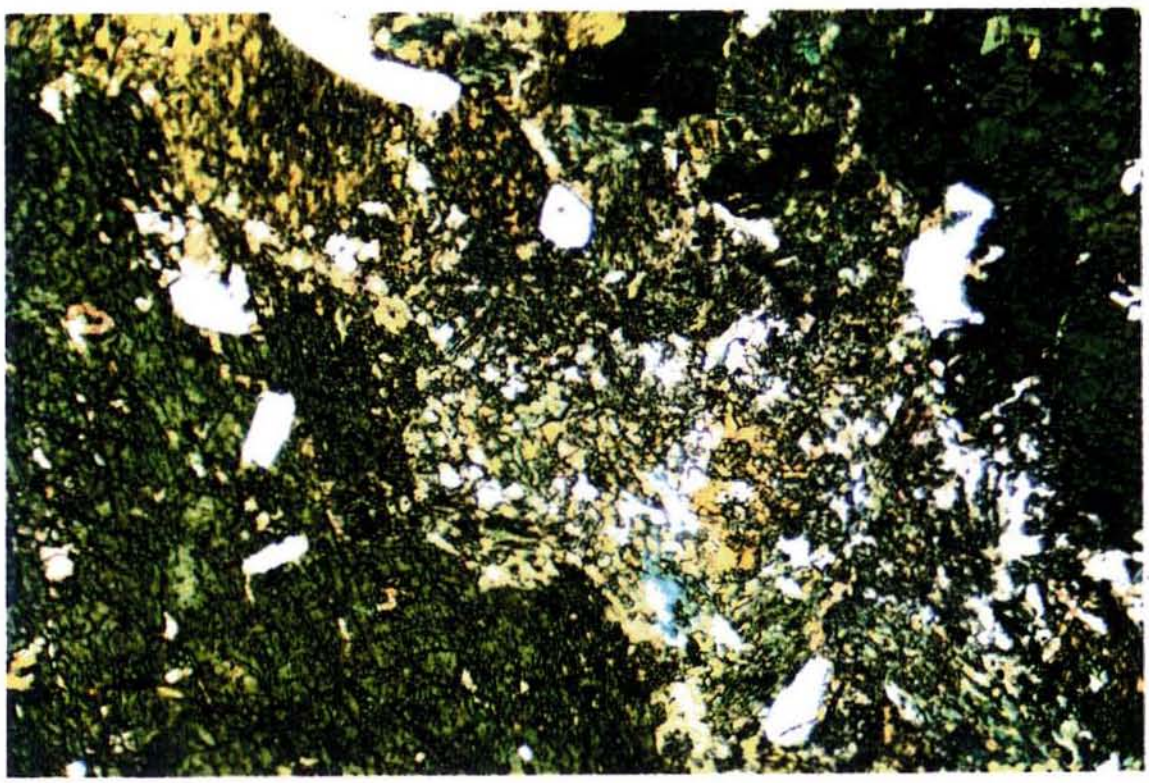
PM #4

Meta-diorite/hornblende gabbro. Blotchy hornblende (green), anhedral plagioclase, accessory apatite (white), epidote (yellow). Texture metamorphic.
OG-74b-90, 35x, plain transmitted light.



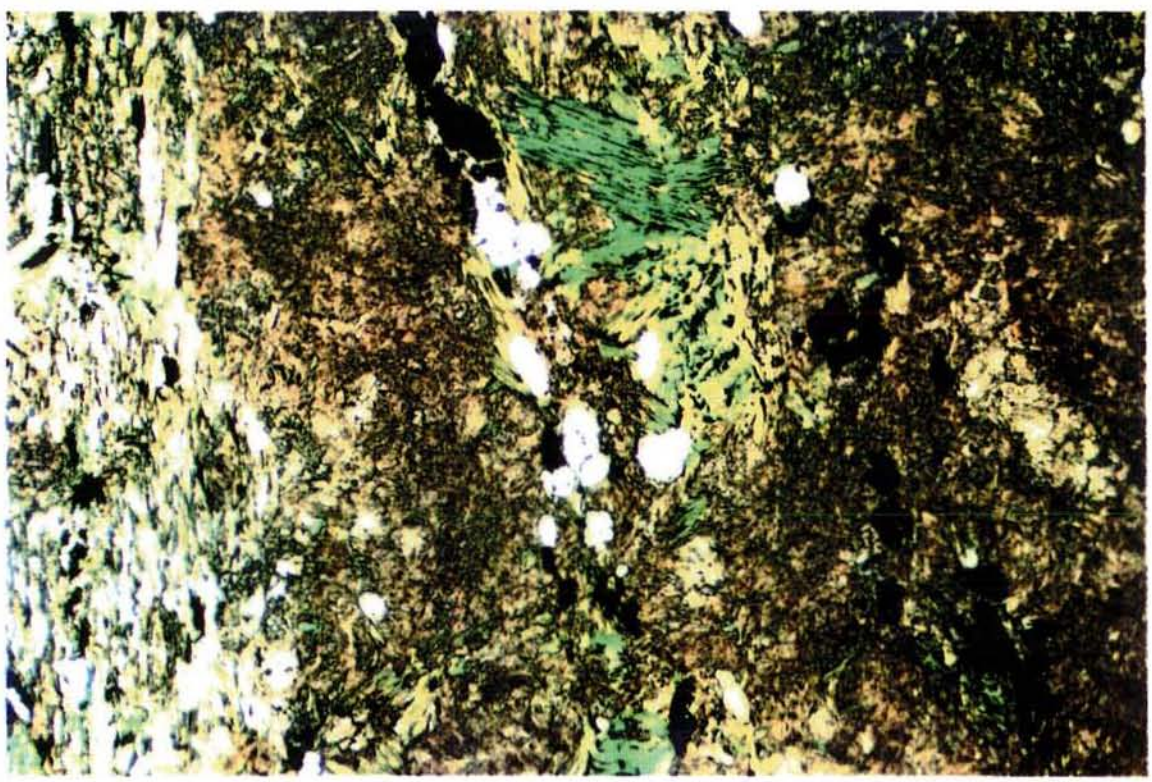
PM #5

Feldspathic meta-hornblendite. Large plates of hornblende (green) in places intergrown with small, anhedral feldspar (white). Scattered, subhedral apatite (white). Texture metamorphic. OG-29a-90, 35x, plain transmitted light.



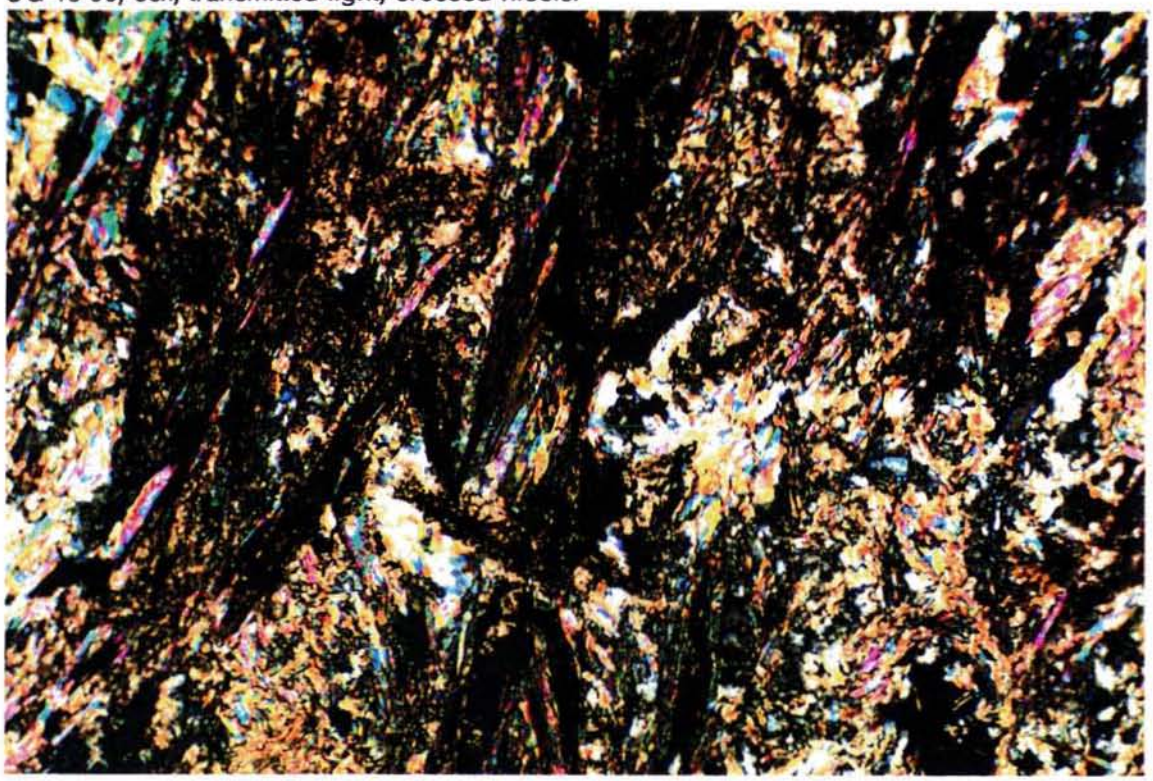
PM #6

Altered meta-diorite. Altered feldspar (brownish), stringers of chlorite (green). Scattered apatite (white), pyrite (black). Metamorphic texture.
OG-21A-90, 35x, plain transmitted light.



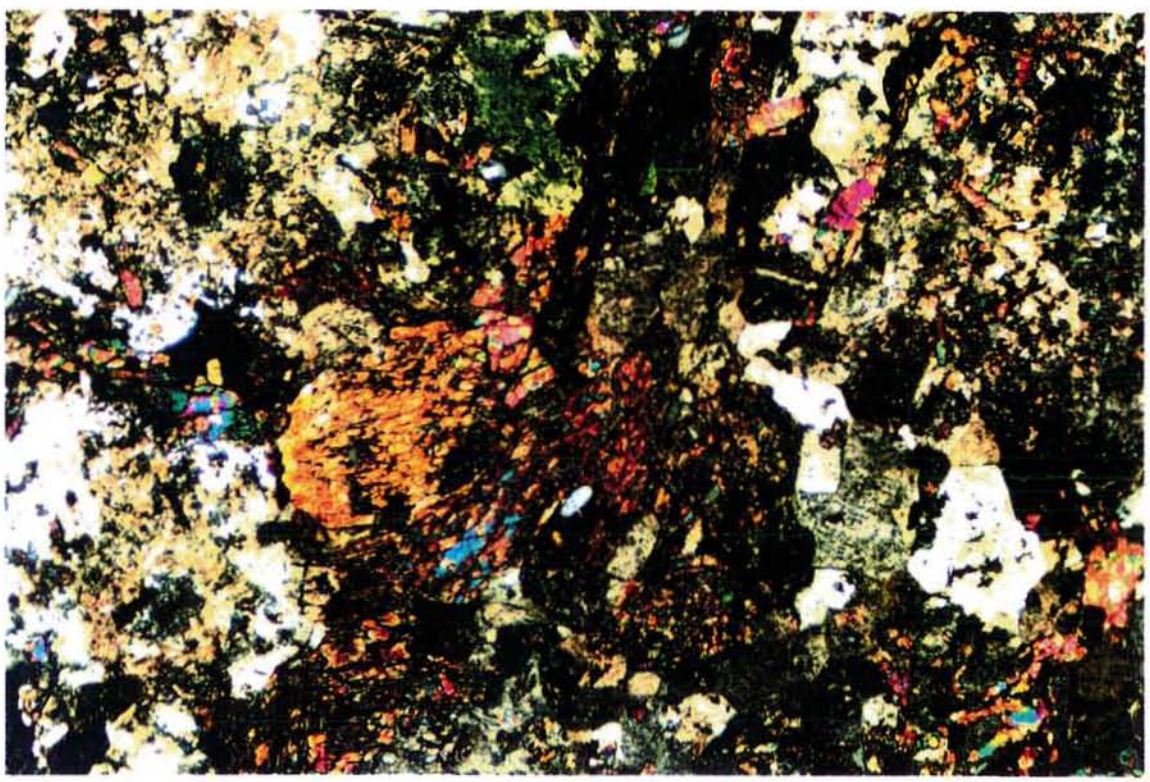
PM #7

Altered meta-diorite? Sericite (after feldspar?, fine grained, high birefringence), acicular, weakly oriented chlorite. Foliated, metamorphic relict texture..
OG-13-90, 88x, transmitted light, crossed nicols.



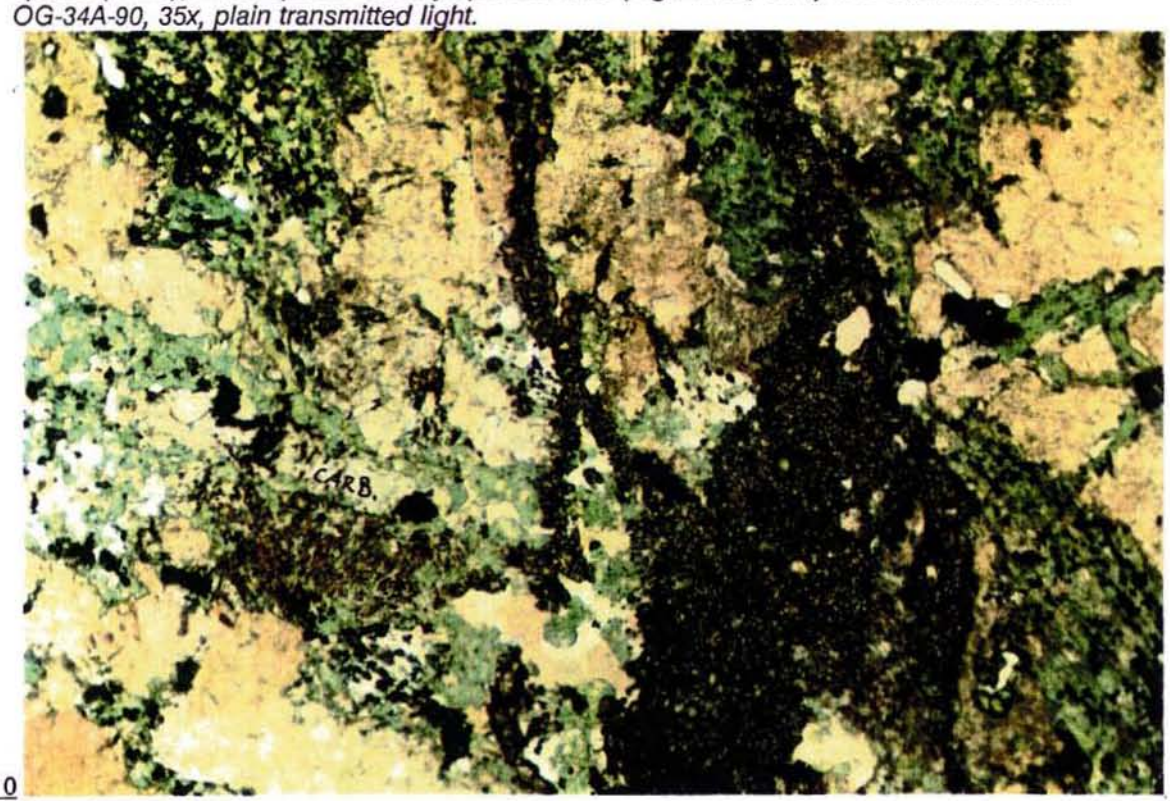
PM #8

Meta-diorite/hornblende gabbro. Anhedral hornblende and partly altered plagioclase. Metamorphic texture.
OG-74B-90, 35x, transmitted light, crossed nicols.



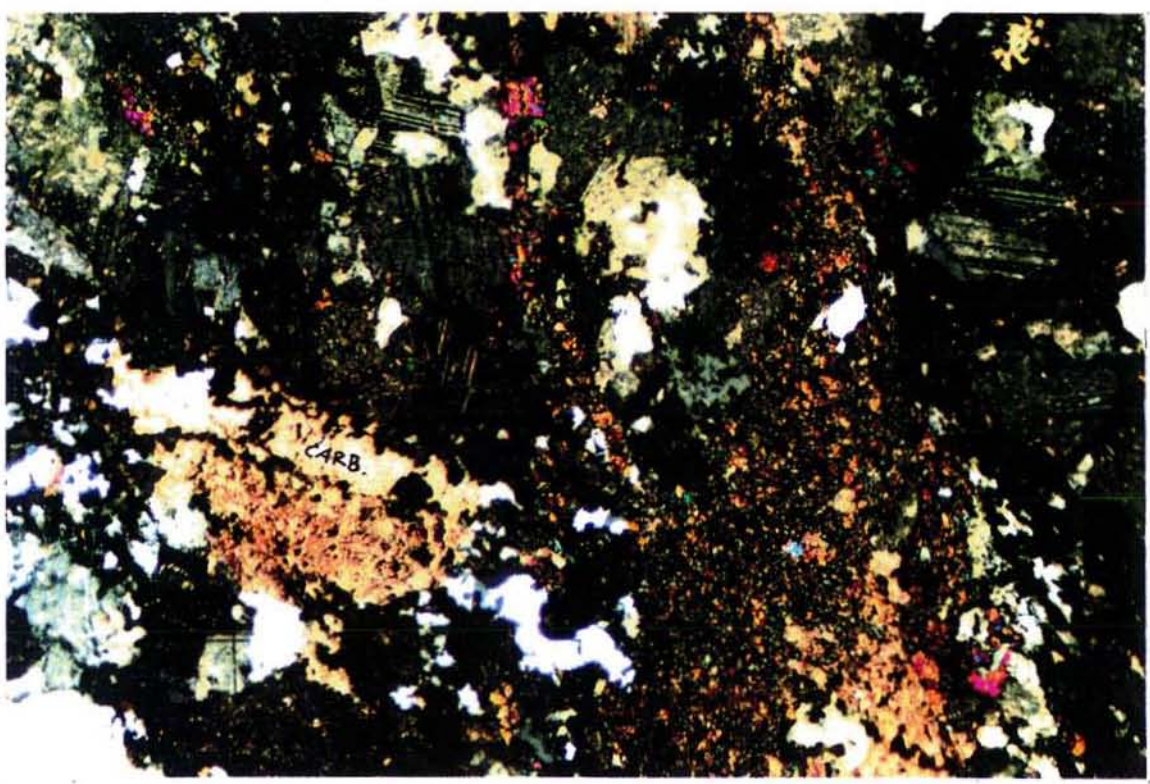
PM #9

Meta-diorite.
Anhedral plagioclase (yellowish), blotchy chlorite (light green), disseminated opaques (black) and apatite (white), minor quartz. Cut by epidote veins (high relief, dark) and carbonate vein.
OG-34A-90, 35x, plain transmitted light.



PM #10

Meta-diorite.
As above (#9), crossed nicols.
OG-34a-90, 35x, transmitted light, crossed nicols.



PM #11

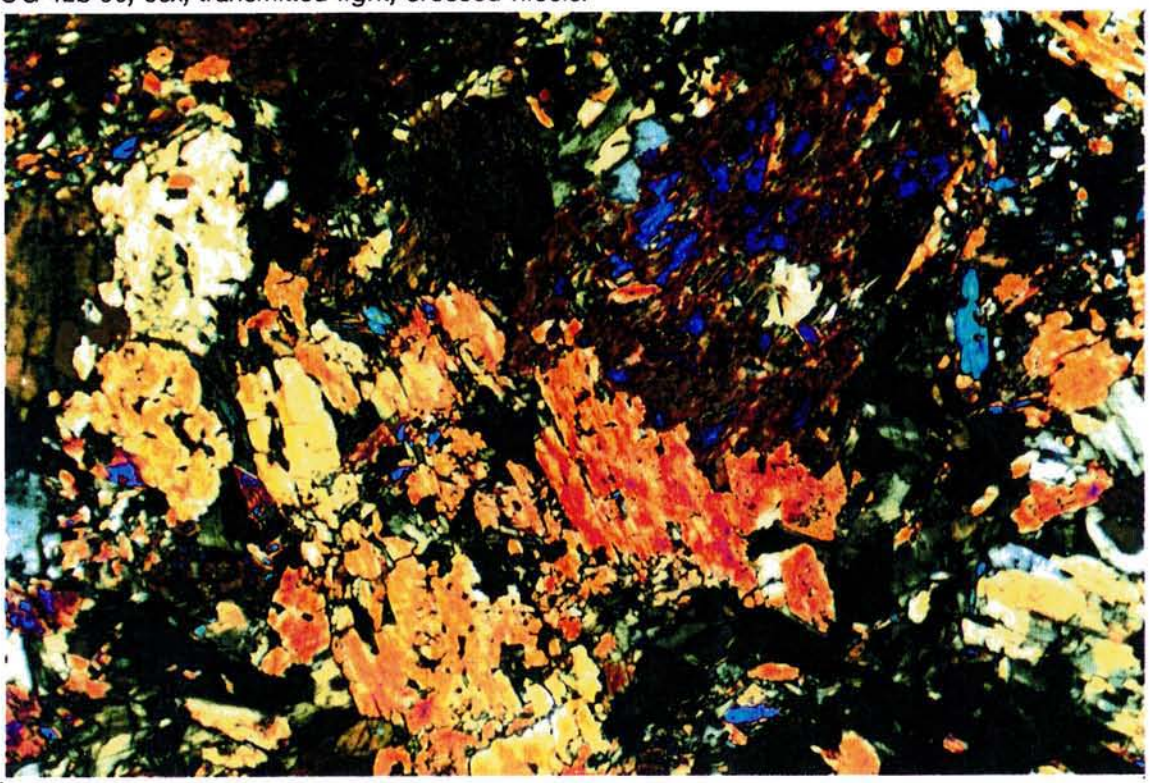
Ultramafic hornblendite. Mosaic of large, randomly oriented, anhedral hornblende. Scattered large apatite (white) and accessory epidote (yellowish). Metamorphic texture.
OG-75b-90, 35x, plain transmitted light.

PM #12

Ultramafic hornblendite.
As above (#11), crossed nicols.
OG-75-B-90, 35x, transmitted light, crossed nicols.

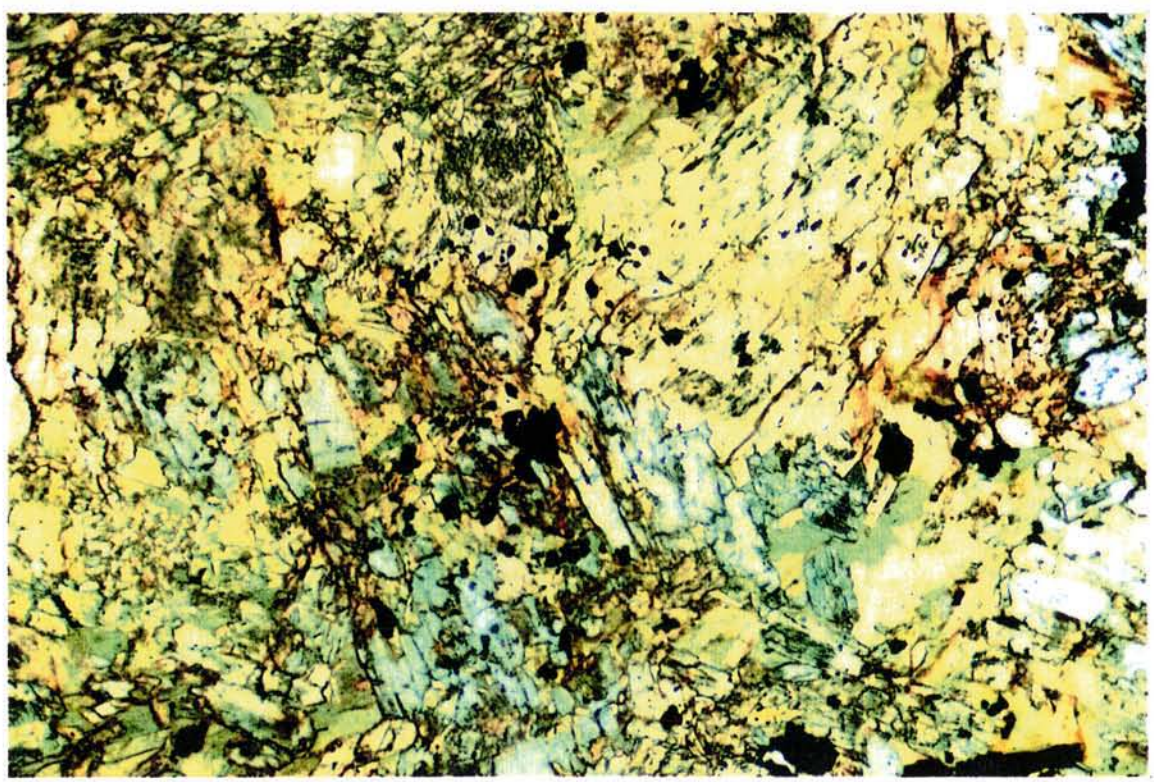
PM #13

Ultramafic hornblendite. Randomly oriented large hornblende plates, disseminated opaques. Metamorphic texture.
OG-42b-90, 35x, transmitted light, crossed nicols.



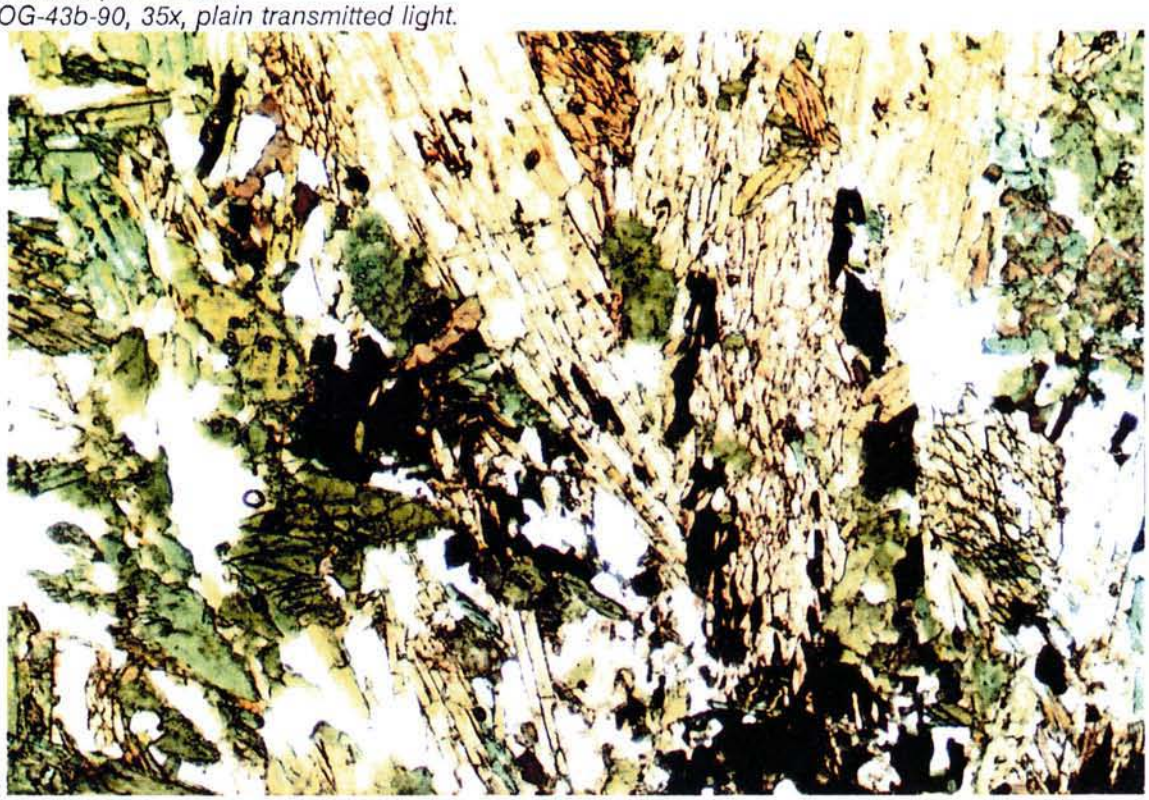
PM #14

Ultramafic hornblendite.
As above (#13), plain light.
OG-42b-90, 35x, plain transmitted light.



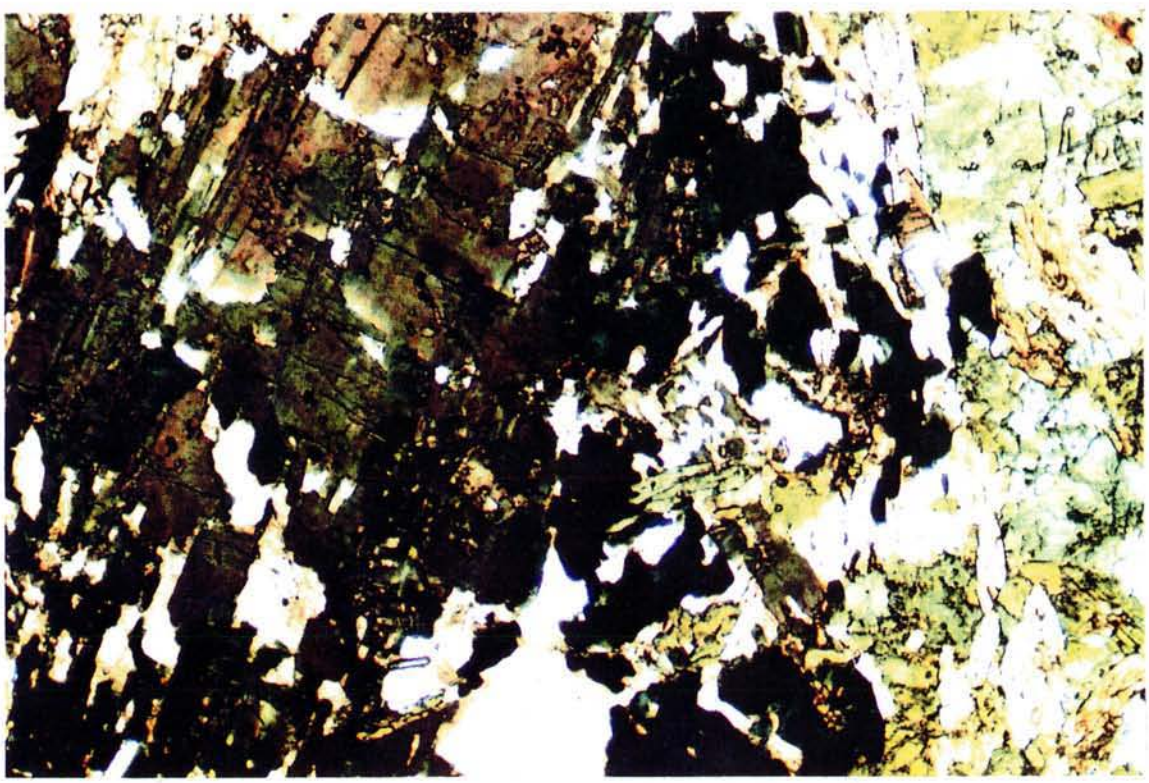
PM #15

Feldspathic hornblendite.
Randomly oriented hornblende enclosing tourmaline (dark green/black) and feldspar (white). Metamorphic texture.
OG-43b-90, 35x, plain transmitted light.



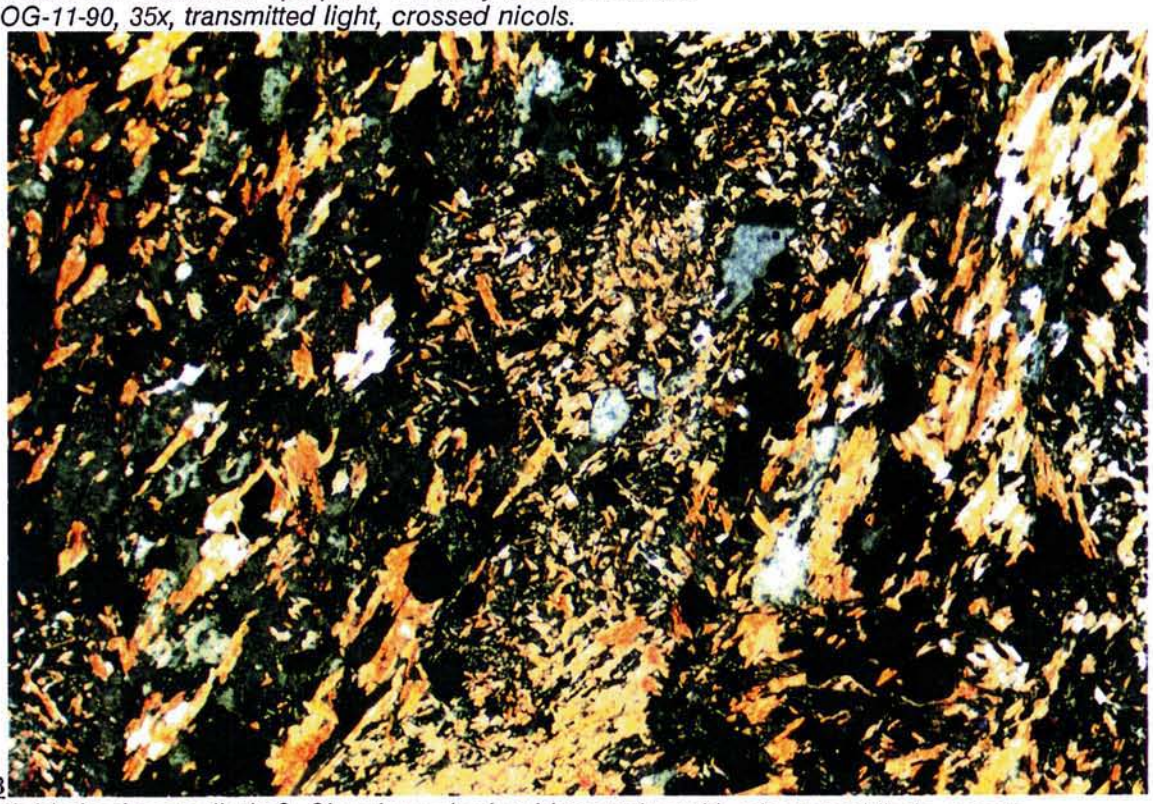
PM #16

Feldspathic hornblendite.
Large, poikilitic tourmaline (dark green) intergrown with feldspar (white) and hornblende (light green, right margin)
OG-43b-90, 35x, plain transmitted light.



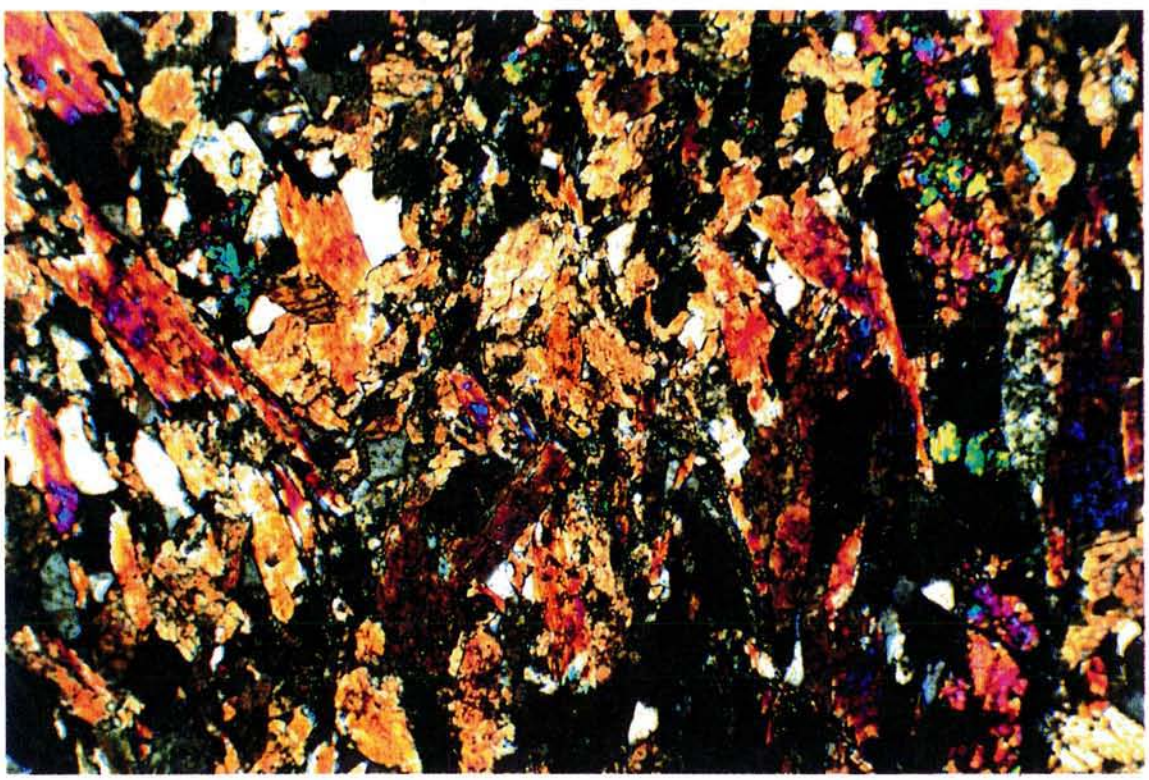
PM #17

Greisen?
Recrystallized, fresh feldspar, quartz forming a fine mosaic intergrown with large porphyroblastic muscovite. Scattered opaques. Possibly a former diorite.
OG-11-90, 35x, transmitted light, crossed nicols.



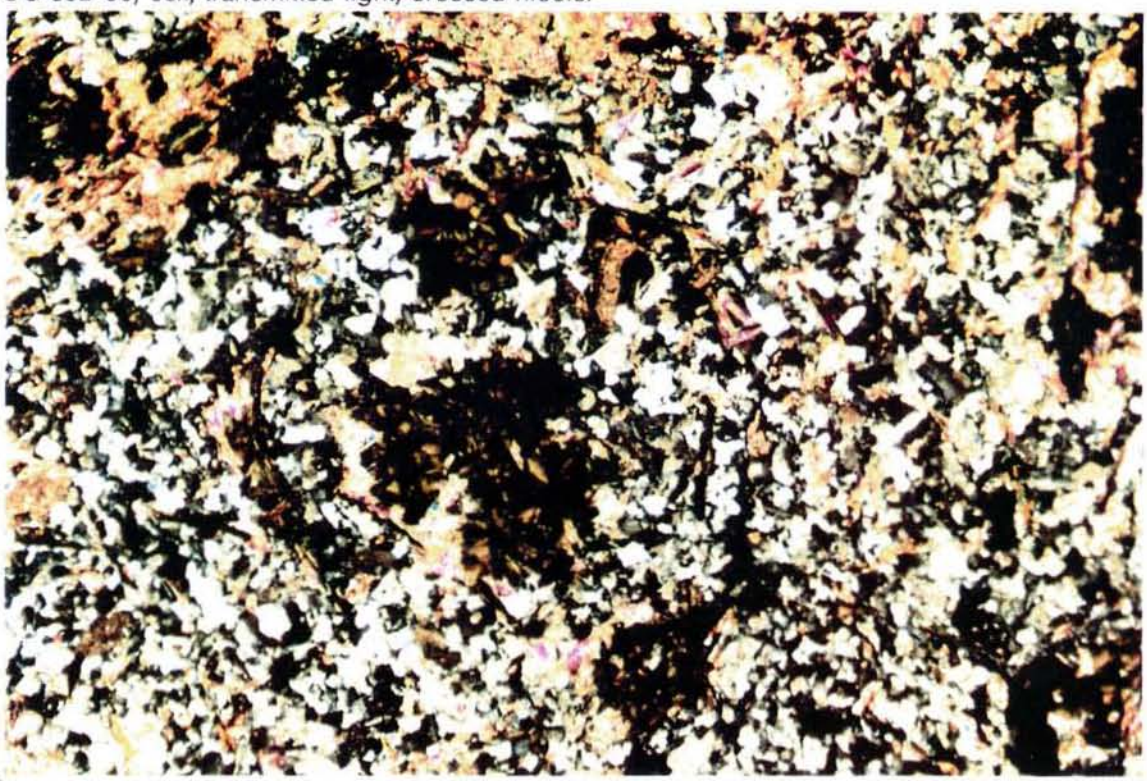
PM #18

Epidotized meta-diorite? Closely packed epidote grains with minor amphibole, quartz. Metasomatized, fractured rock.
OG-19b-90, 88x, transmitted light, crossed nicols.



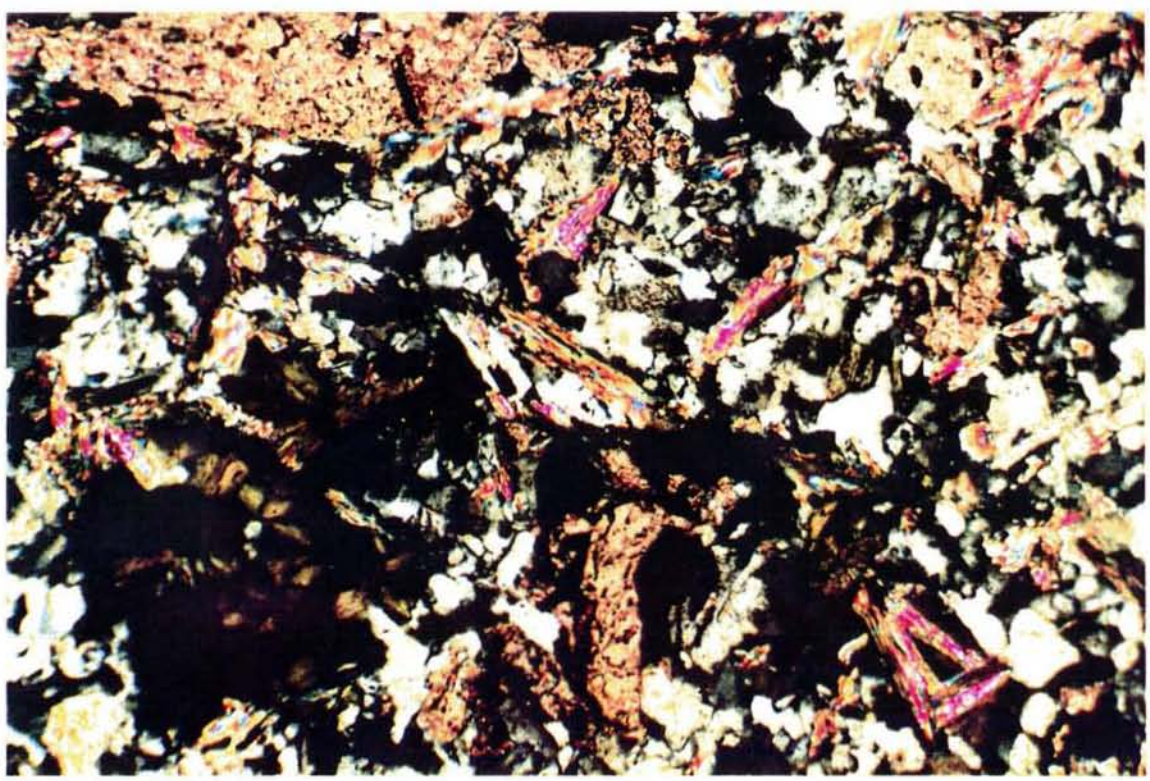
PM #19

Partly altered dyke, intermediate to felsic composition. Fine grained, massive, igneous texture. Feldspar lathy and anhedral, Femags (chlorite) acicular and blotchy.
OG-35D-90, 35x, transmitted light, crossed nicols.



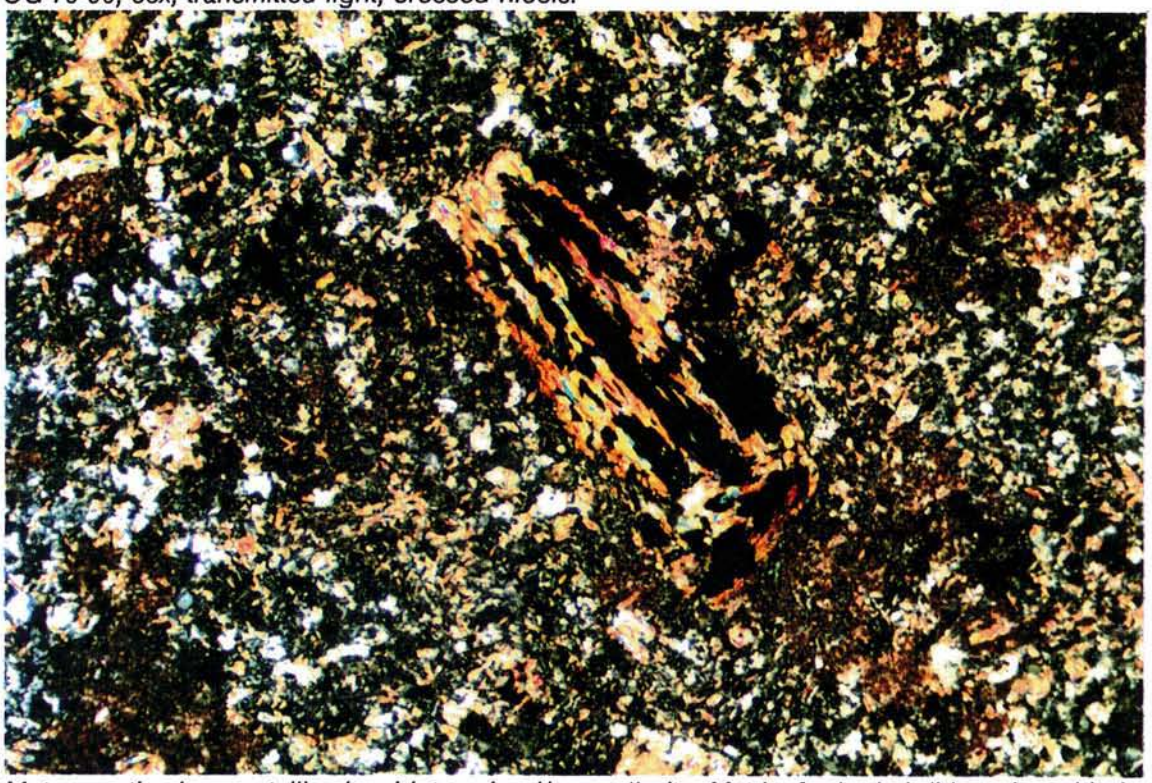
PM #20

Partly altered dyke.
Detail of photomicrograph # 19.
OG-35D-90, 88x, transmitted light, crossed nicols.



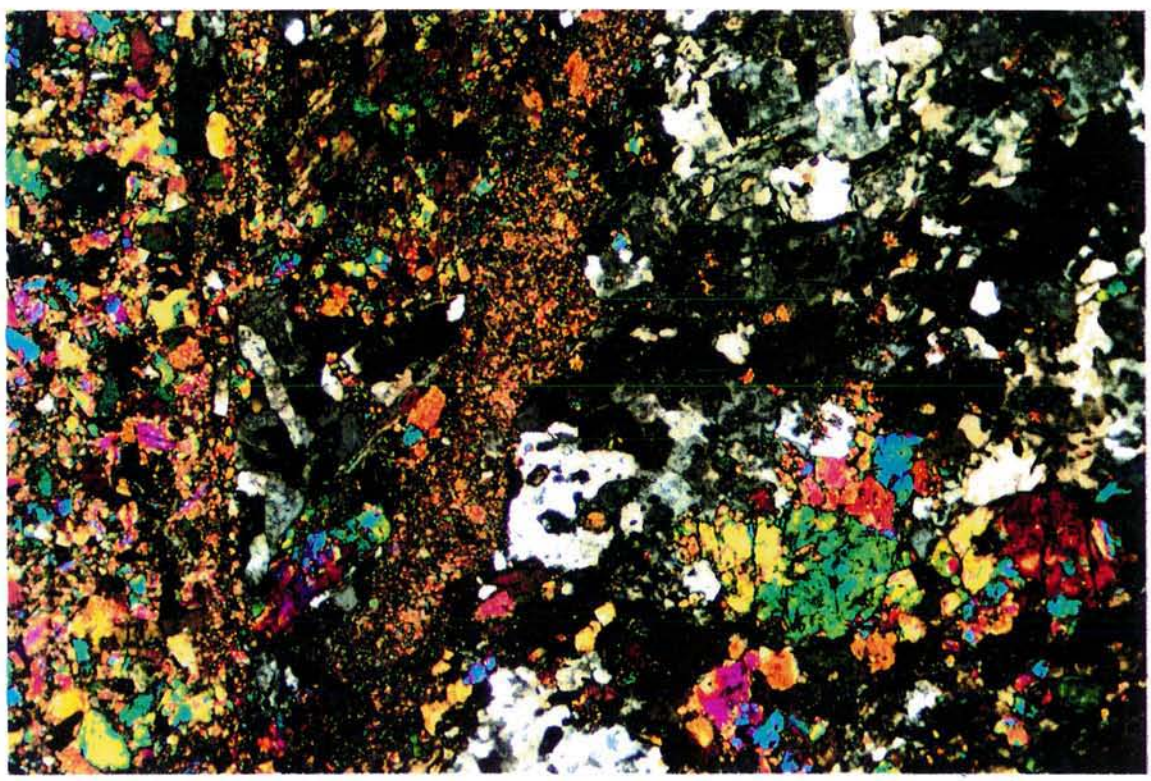
PM #21

Partly altered feldspar - porphyry. Fine grained, igneous matrix of lathy and interlocking feldspar. Scattered phenocrysts of feldspar (not in photo) and boxy, altered femags (biotite and opaque, centre of photo).
OG-79-90, 35x, transmitted light, crossed nicols.



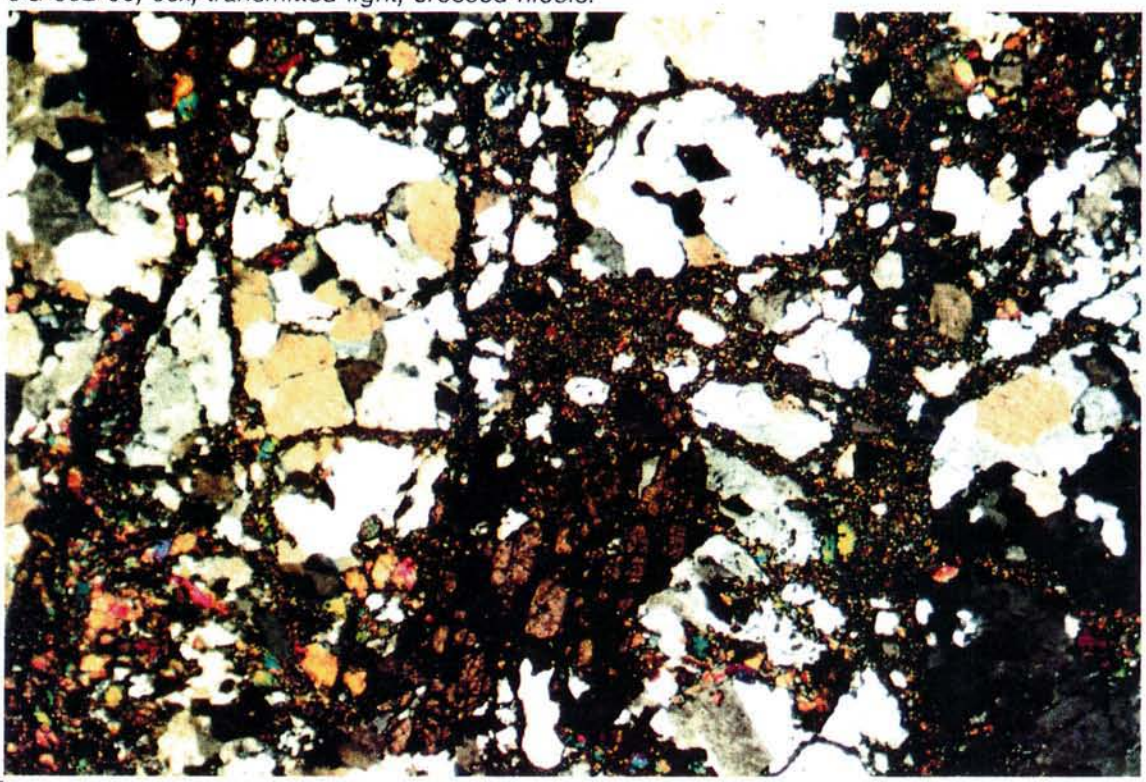
PM#22

Metasomatized, recrystallized, epidote-veined leuco-diorite. Matrix of anhedral albite, minor chlorite. Scattered epidote. Albite metasomatism?
OG-42a-90, 35x, transmitted light, crossed nicols.



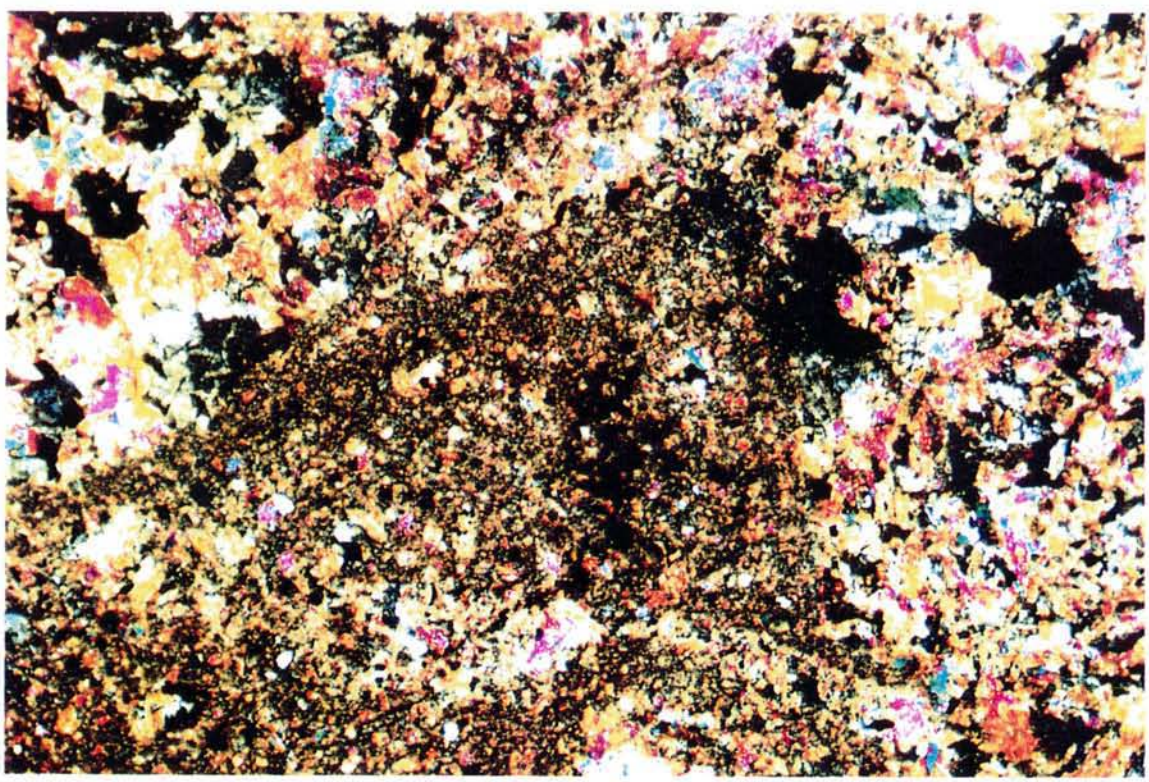
PM #23

Fractured, epidote-veined aplite dyke. Mosiac of fresh feldspar (albite?), large sphene grain (lower centre). Abundant fine, epidote-filled fractures.
OG-36B-90, 35x, transmitted light, crossed nicols.



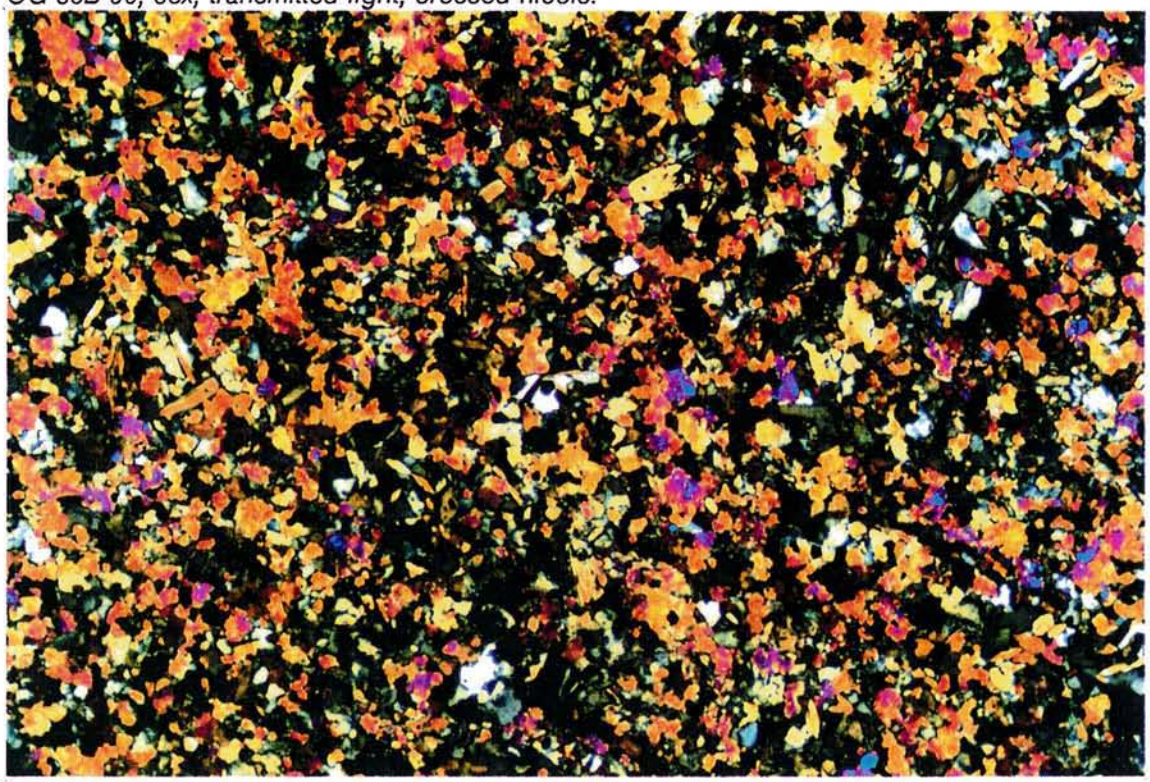
PM #24

Epidotized diorite?
Epidote rock with minor amphibole, opaques. No textural relicts. Fractured, local cataclasis of epidote indicating post - hydrothermal deformation.
OG-34B-90, 35x, transmitted light, crossed nicols.



PM #25

Epidotized diorite?
Fine grained, massive epidote rock, minor quartz, chlorite. No textural relicts.
OG-86B-90, 35x, transmitted light, crossed nicols.

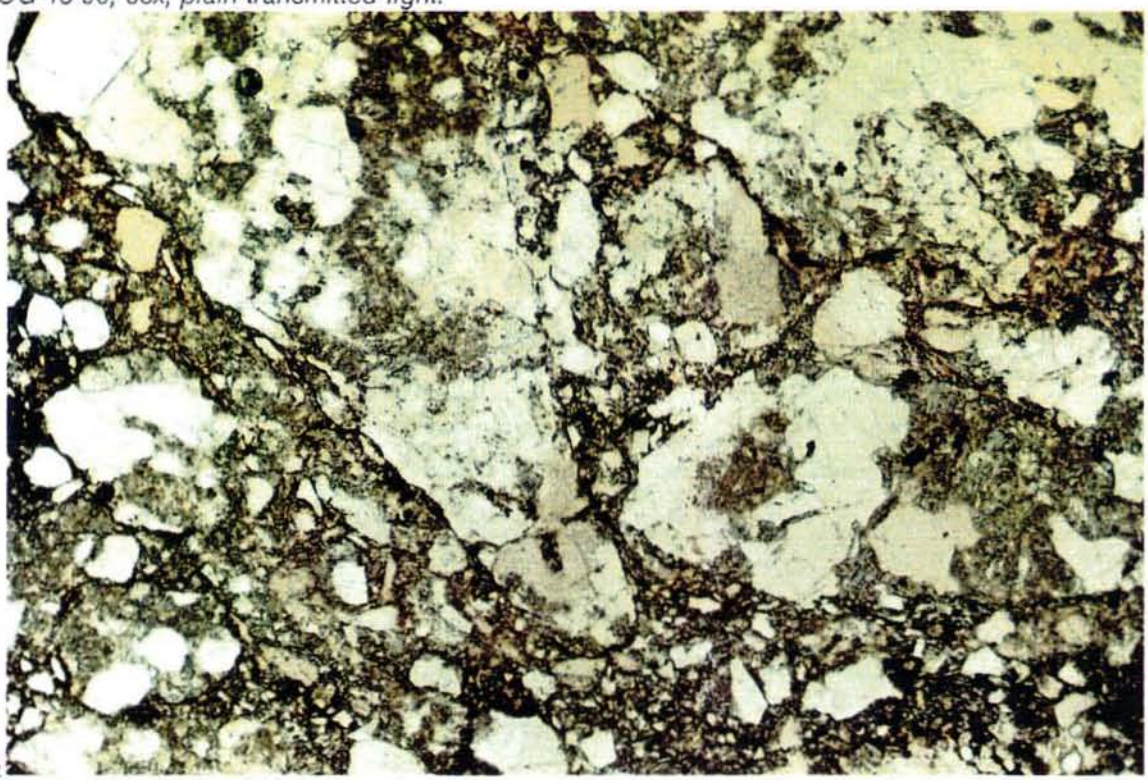


PM #26

Highly altered, metasomatized ultramafic from breccia ore zone.
Sericite (+ talc?), impregnated with fine limonite, pseudomorph after large hornblende (?).
Scattered apatite grains (grey).
OG-32E-90, 35x, transmitted light, crossed nicols.

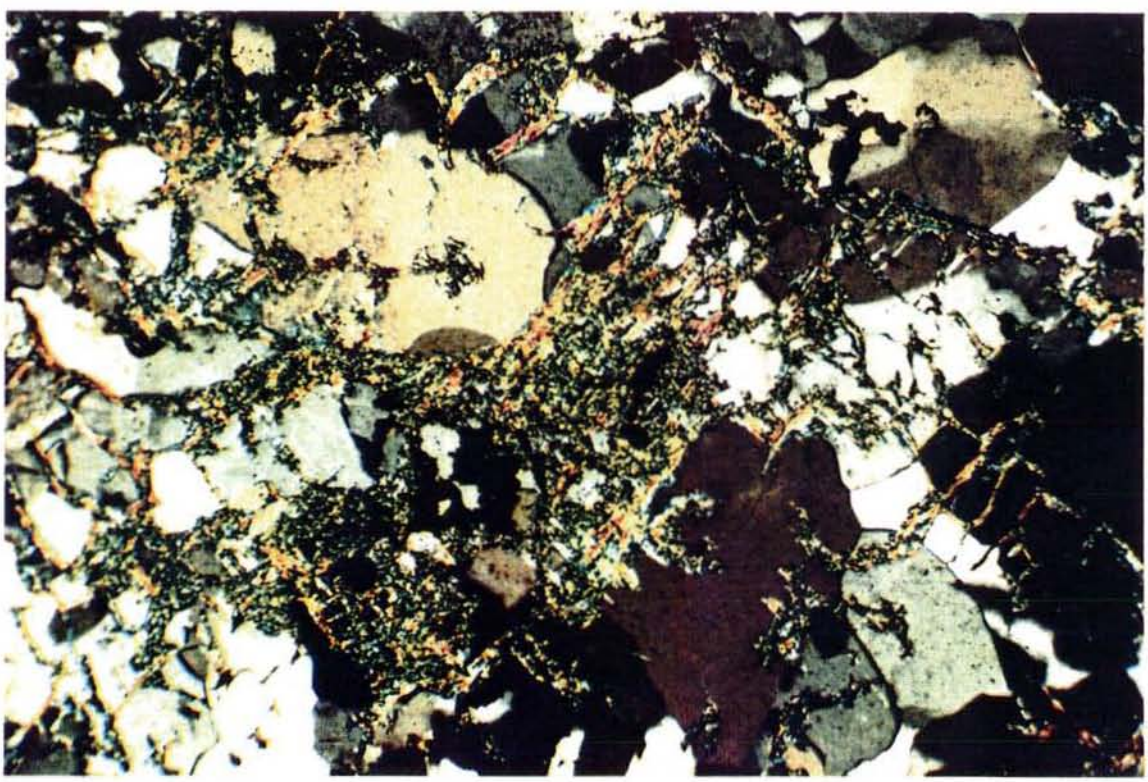
PM #27

Brecciated felsic dyke (?)
Angular, monolithologic fragments made up of K-feldspar, quartz, plagioclase. Matrix made up of small mineral fragments (feldspar, quartz) and minor isotropic material, probably glass.
OG-15-90, 35x, plain transmitted light.



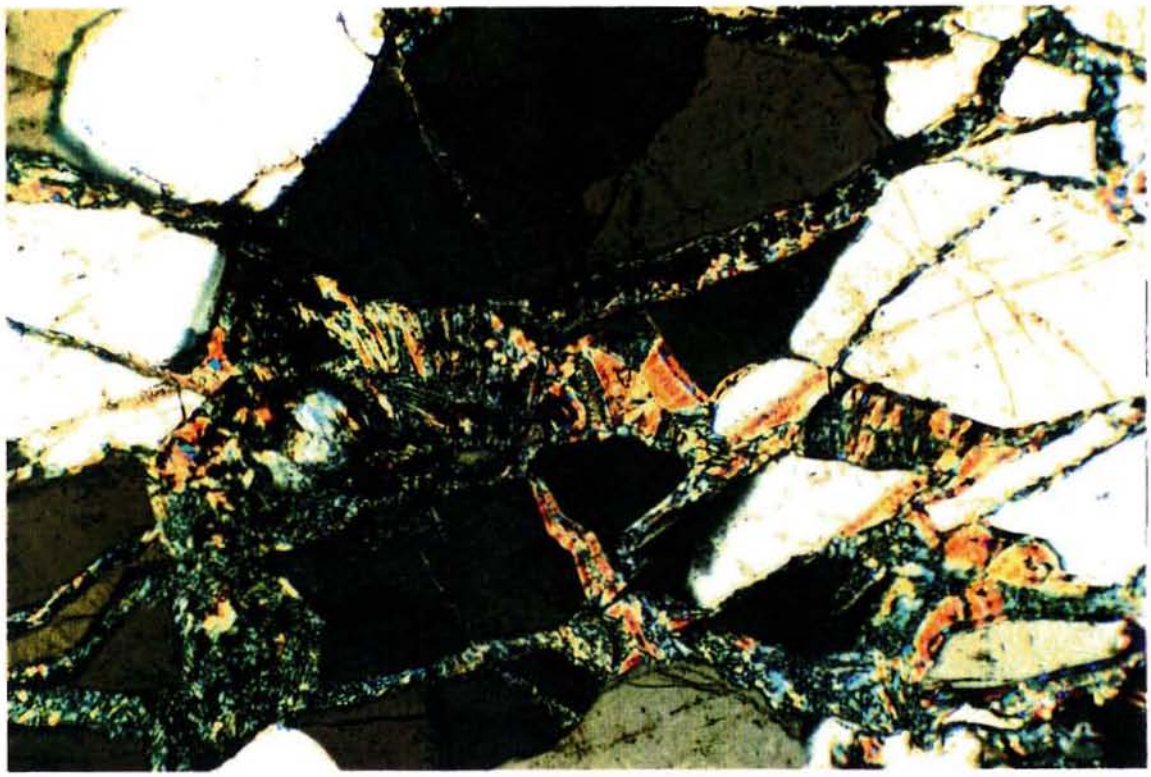
PM #28

Quartz-rich stockwork from breccia ore zone. Quartz mosaic cut by network of sericite or talc.
OG-32Ca-90, 88x, transmitted light, crossed nicols.



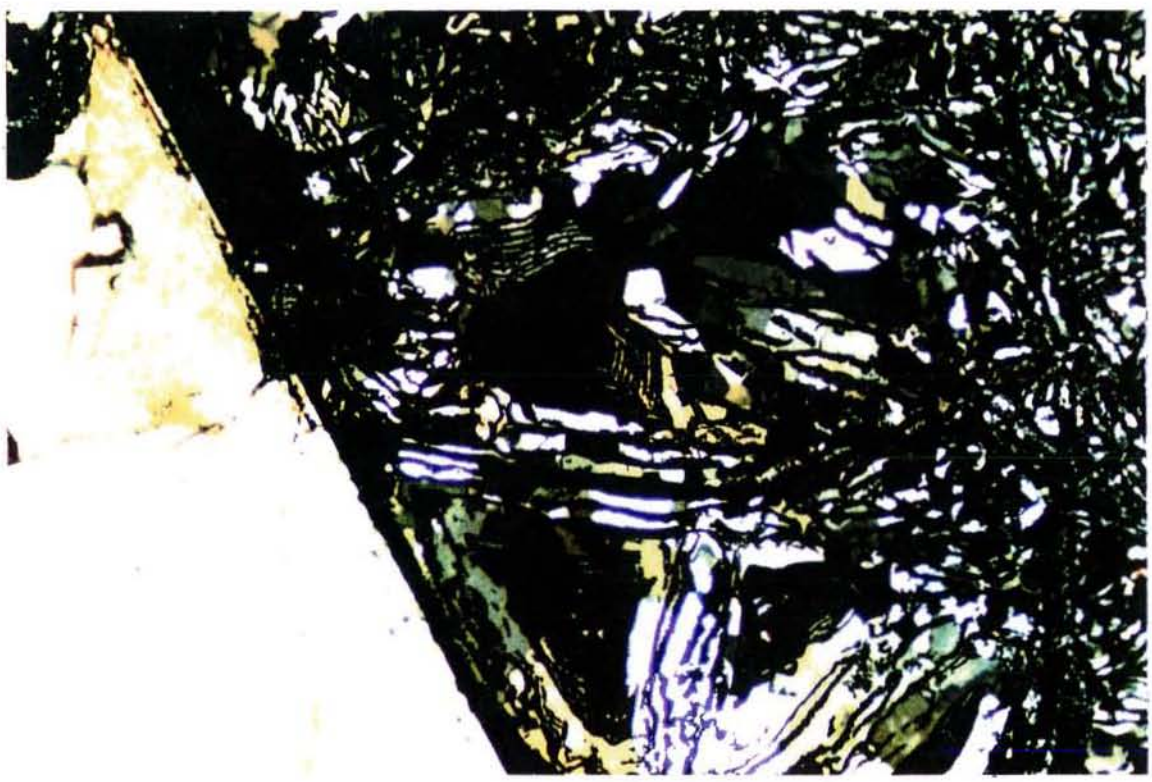
PM #29

Quartz rich stockwork, breccia ore zone. Quartz mosaic cut by fractures filled with sericite or talc.
OG-100b-90, 88x, transmitted light, crossed nicols.



PM #30

Quartz-limonite stockwork, breccia ore zone.
Large, euhedral quartz crystal (left) in contact with fine grained quartz mosaic intergrown with concentrically structured, multi-stage limonite.
OG-32Ca-90, 35x, transmitted light, crossed nicols.



PM #31

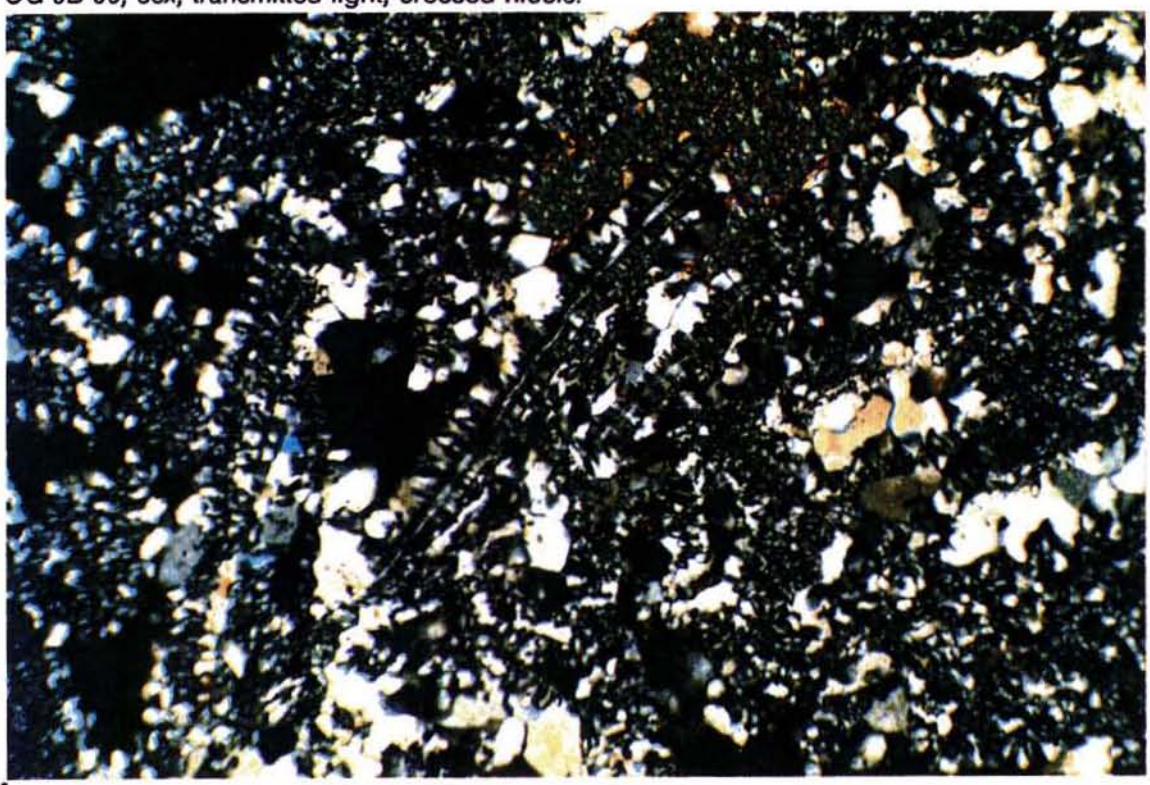
Quartz-limonite stockwork, breccia - ore zone.
Detail of #30 showing concentric arrangement of multistage limonite deposition in cherty quartz.
OG-32Ca-90, 88x, transmitted light, crossed nicols.

PM #32

Quartz-limonite stockwork, breccia ore zone.
Fine grained, mosaic quartz intergrown with minor opaque (limonite). Note microcrystalline quartz nucleating on previous cubic pseudomorph - possibly a replaced pyrite crystal.
OG-32Ca-90, 88x, transmitted light, crossed nicols.

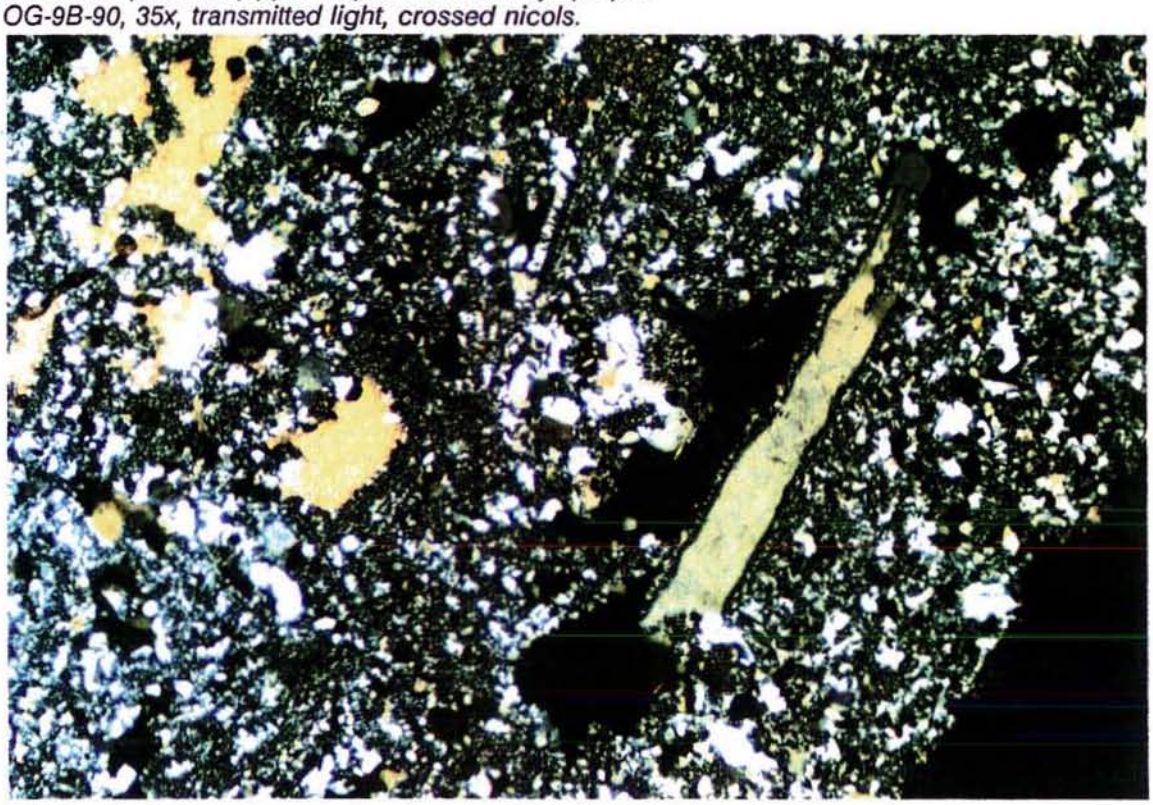
PM #33

Quartz - limonite stockwork, breccia ore zone. Detail of photomicrograph #34 showing morphology of interpreted quartz platelets.
OG-9B-90, 88x, transmitted light, crossed nicols.



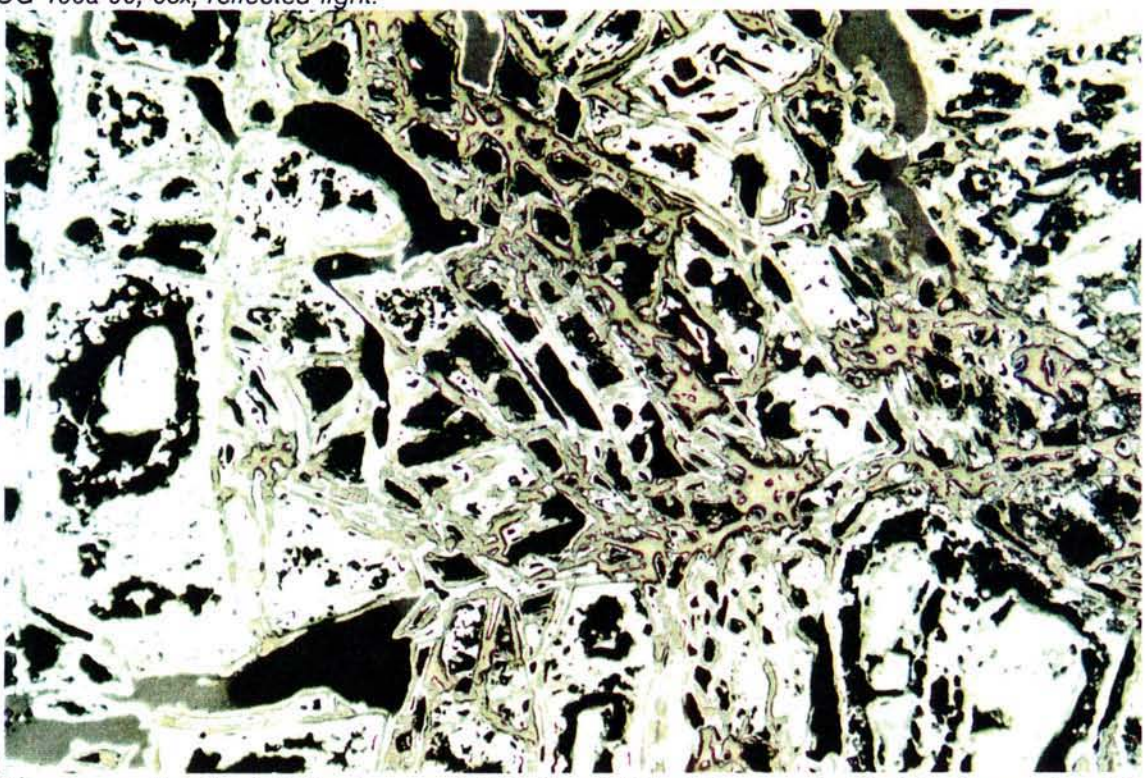
PM #34

Quartz-limonite stockwork, breccia ore zone.
Cherty, microcrystalline quartz matrix hosting angular quartz fragments (lower right) and linear structures of finely nucleated quartz which are interpreted as small quartz platelet. Scattered carbonate patches (upper left) and accessory opaque.
OG-9B-90, 35x, transmitted light, crossed nicols.



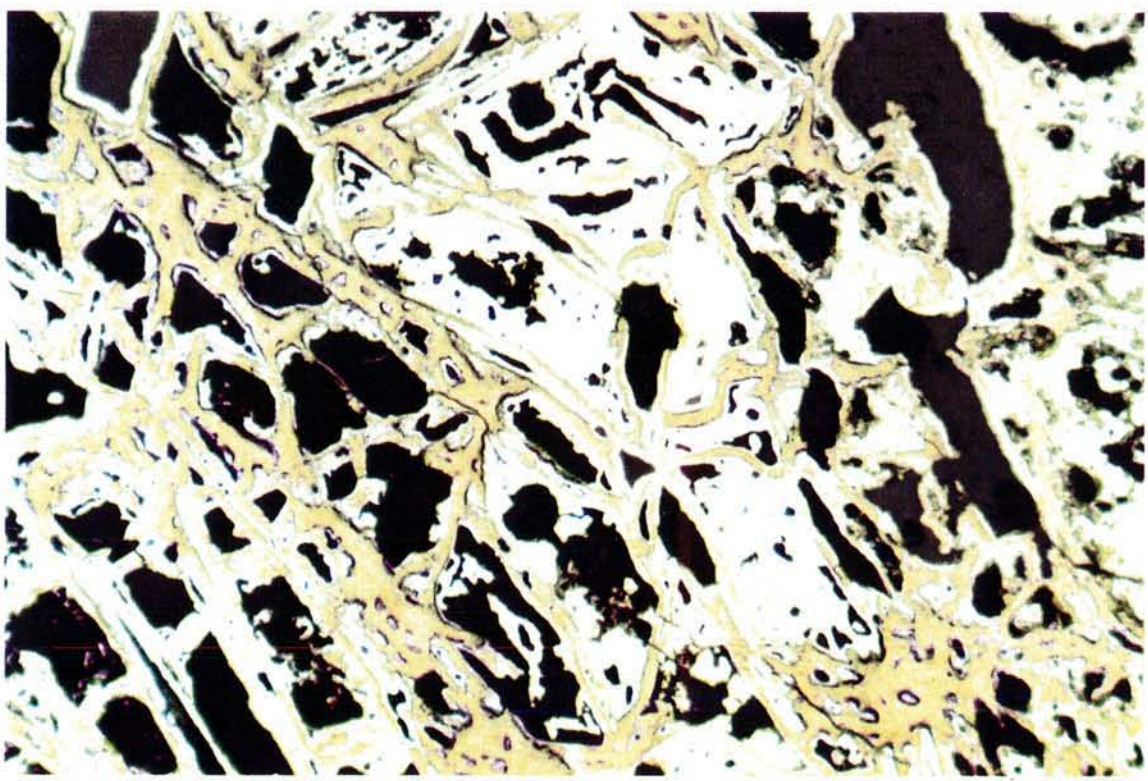
PM #35

Breccia ore.
Fragments of gangue (black) and Fe-oxide (hematite? white) cemented by younger Fe-hydroxide (limonite? greenish).
OG-100a-90, 65x, reflected light.



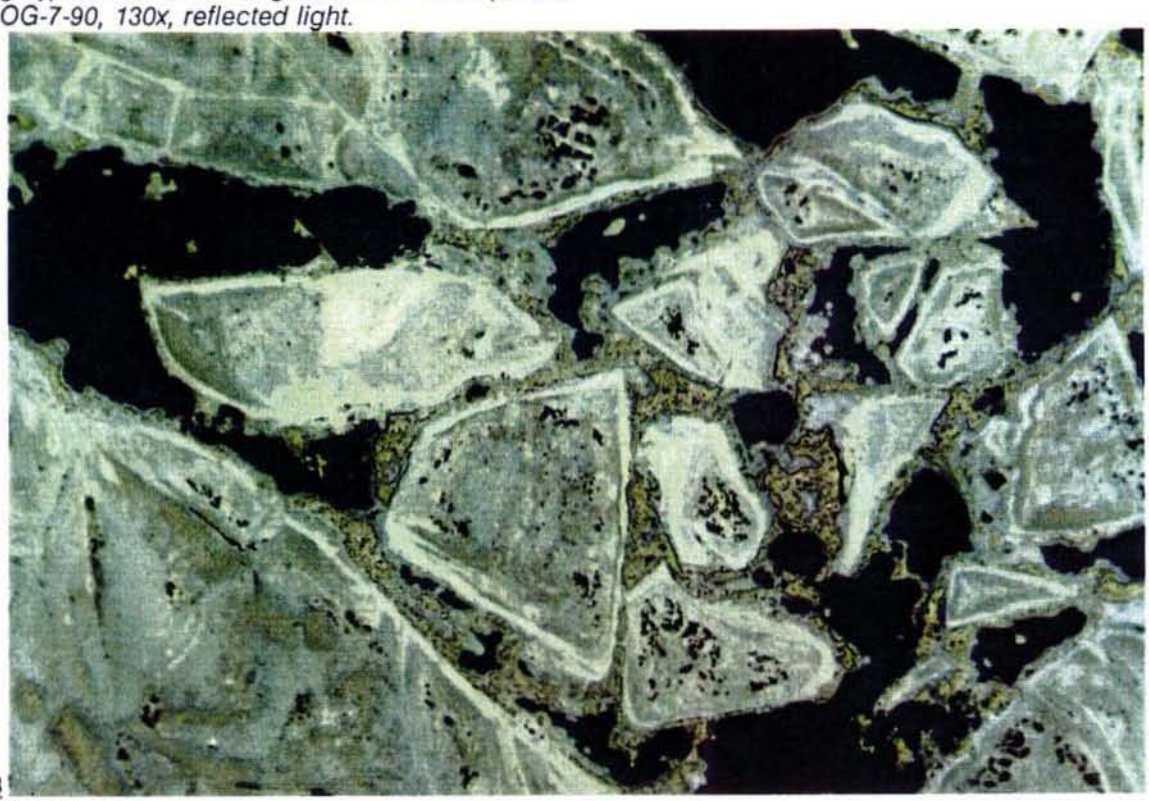
PM #36

Breccia ore. Details of photomicrograph #36. Quartz (black) forms part of the inter-fragment matrix.
OG-100-a-90, 130x, reflected light.



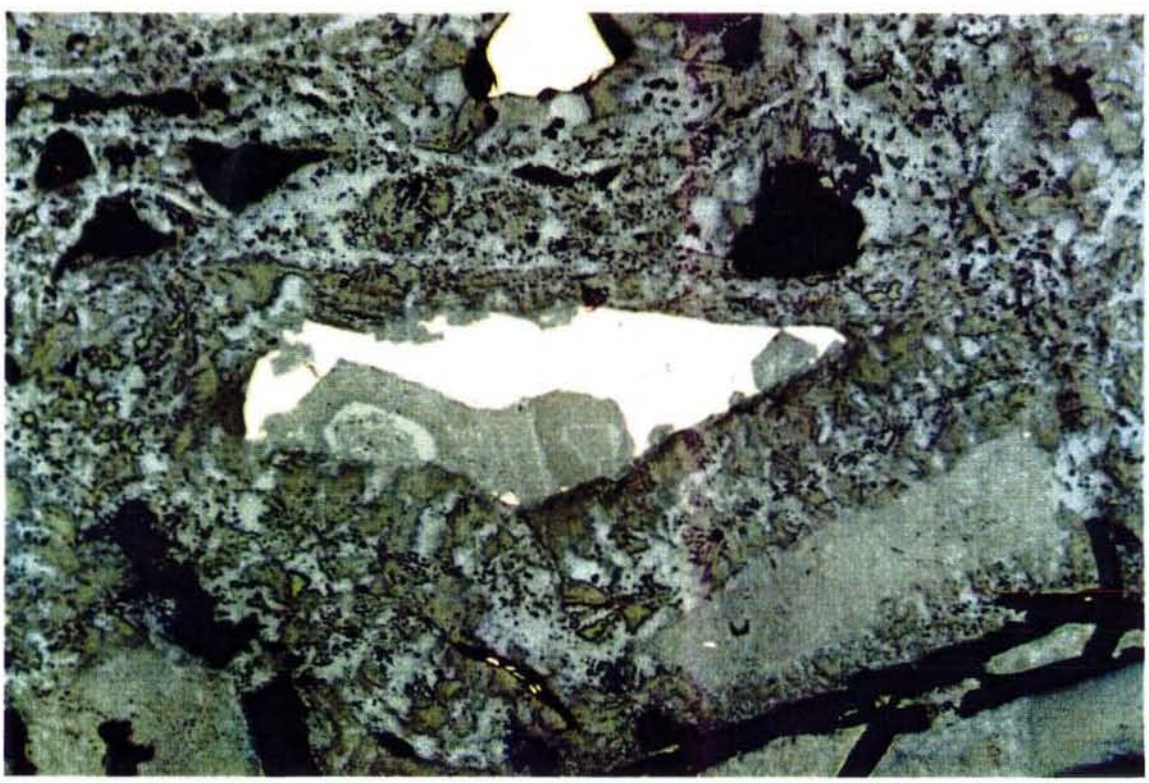
PM #37

Breccia ore.
Fragments of zoned Fe-oxide and hydroxide (hematite? limonite?) in a matrix of gangue (quartz, dark grey) and unidentified greenish Fe-oxide phase.
OG-7-90, 130x, reflected light.



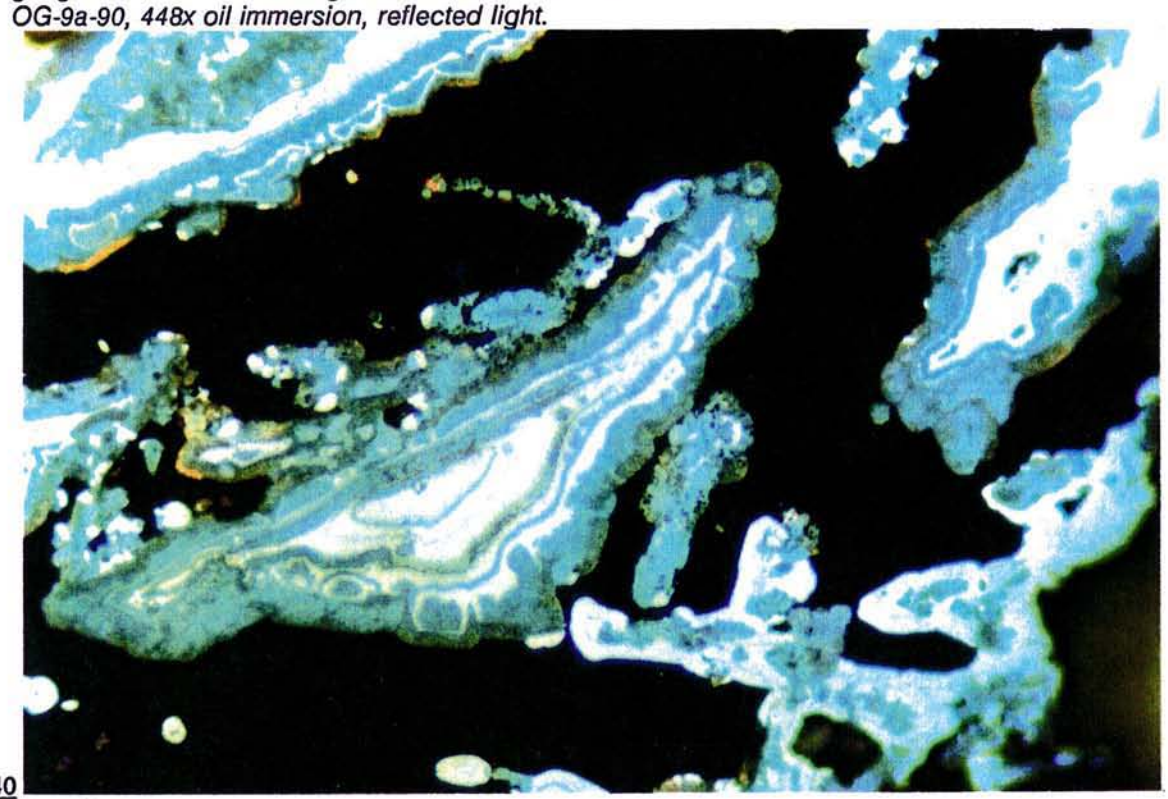
PM #38

Breccia ore.
Pyrite relicts (yellowish white) in matrix of several phases of Fe-oxide and Fe-hydroxide. Several possible gold grains (~10 micron size) at lower centre, in gangue.
OG-7-90, 130x, reflected light.



PM #39

Breccia ore.
Fragments 0.2 millimetres long) of concentrically zoned colloform Fe-oxide and Fe-hydroxide in gangue. Concentric zoning is at a scale of 10 to 30 microns.
OG-9a-90, 448x oil immersion, reflected light.

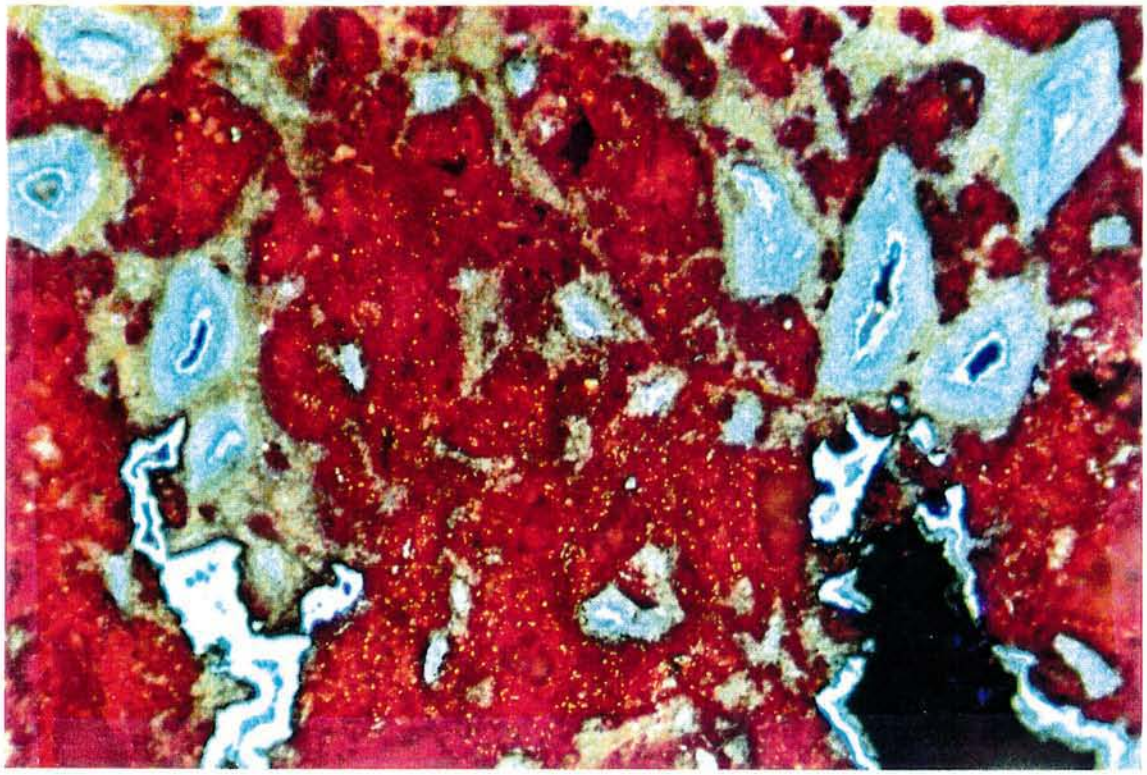


PM #40

Breccia ore.
Concentric zoning of colloform Fe-oxide - hydroxide fragments. Abundant red internal reflections in outer portions of fragments.
OG-100A-90, 130x, reflected light, crossed nicols.

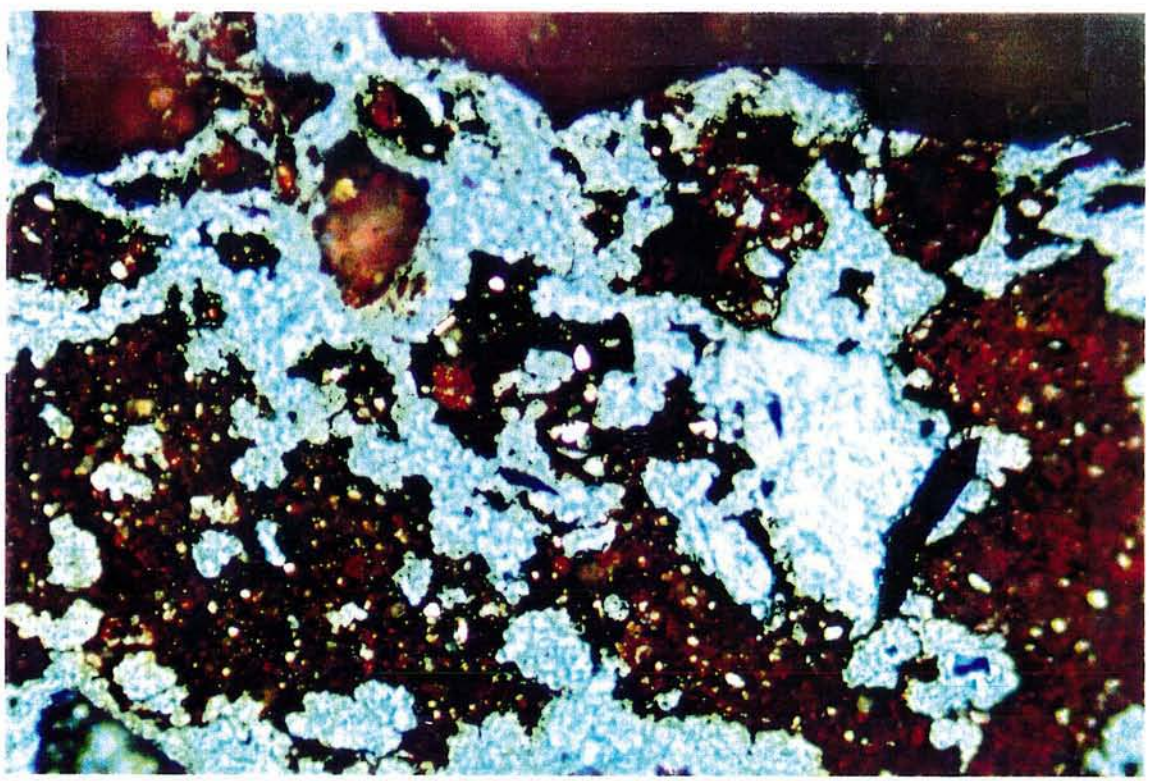
PM #41

Gold grain (3 micron size) in gangue (red) of breccia ore.
Gangue is quartz appearing red due to underlying limonite. Bluish grey areas are Fe-oxide/hydroxide.
OG-9A-90, 448x, oil immersion, reflected light.



PM #42

Gold or electrum grains? Several 3-10 micron size, unidentified isotropic grains of high reflectivity and white-yellow colour.
OG-9A-90, 448x, oil immersion, reflected light.



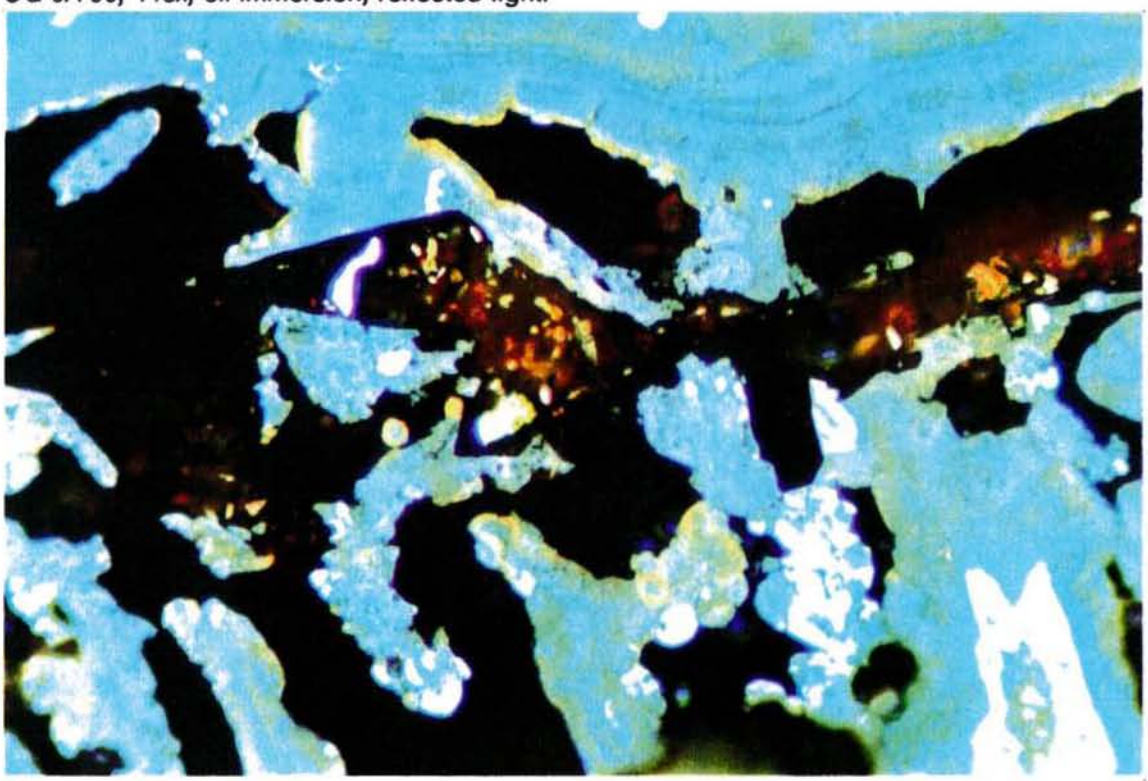
PM 43 and 44

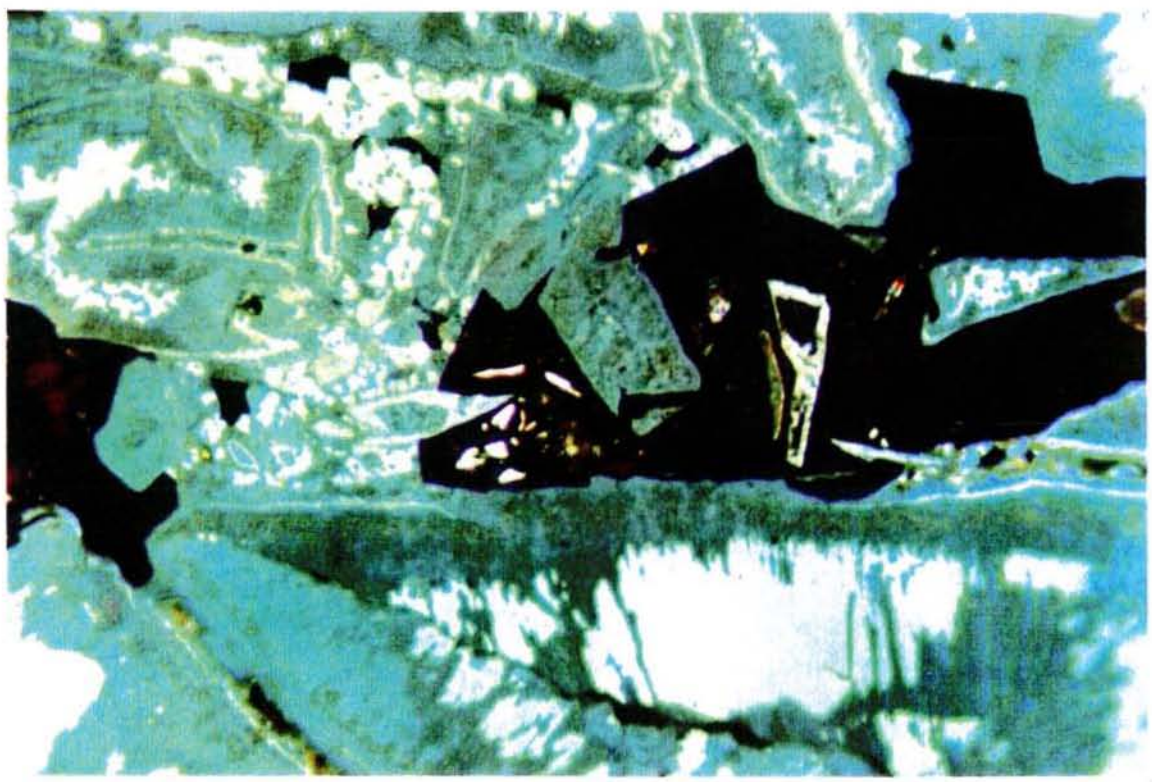
Unidentified opaque minerals (possible electrum or Pt-Group Minerals (?) in gangue (quartz) of breccia ore.

3-25 micron size, isotropic, white-yellowish colour and high reflectivity.

Surrounding bluish grey and light grey area is zoned, brecciated Fe-oxide, Fe-hydroxide (hematite, goethite).

OG-9A-90, 448x, oil immersion, reflected light.

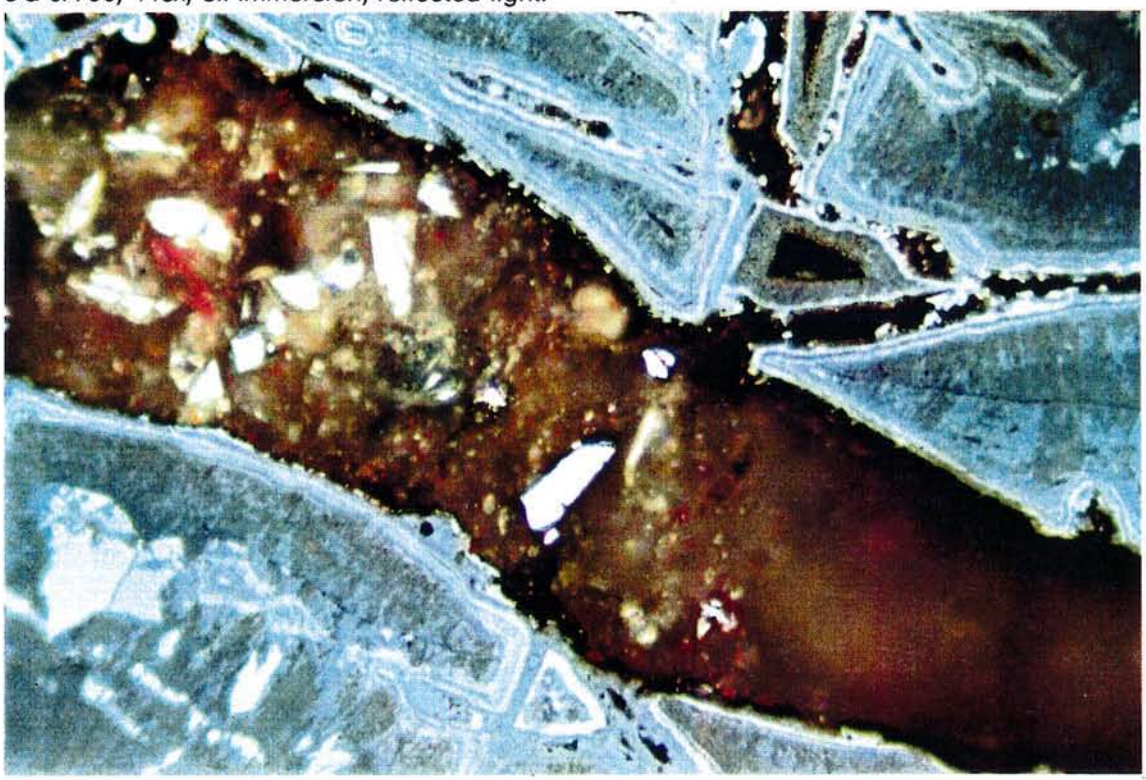


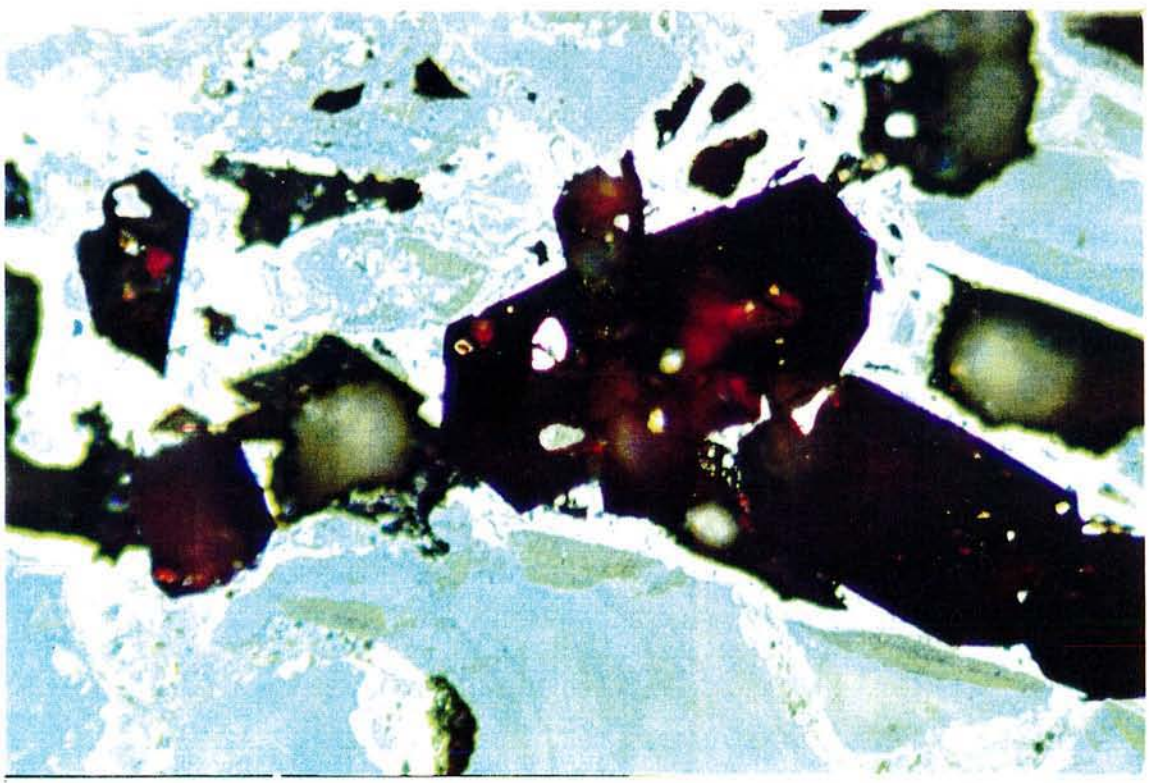


PM 45 and 46

Alloy(?) grains in gangue (quartz) of breccia ore. Unidentified, 10-30 micron size, isotropic grains of white (#45) and yellowish white (#46) colour and high reflectivity. Surrounding bluish grey, light grey and greenish area is zoned, brecciated Fe-oxide, Fe-hydroxide (hematite, goethite?). The quartz gangue that hosts the possible alloy grains is ~~as~~ a late, translucent, in places euhedral variety.

OG-9A-90, 448x, oil immersion, reflected light.



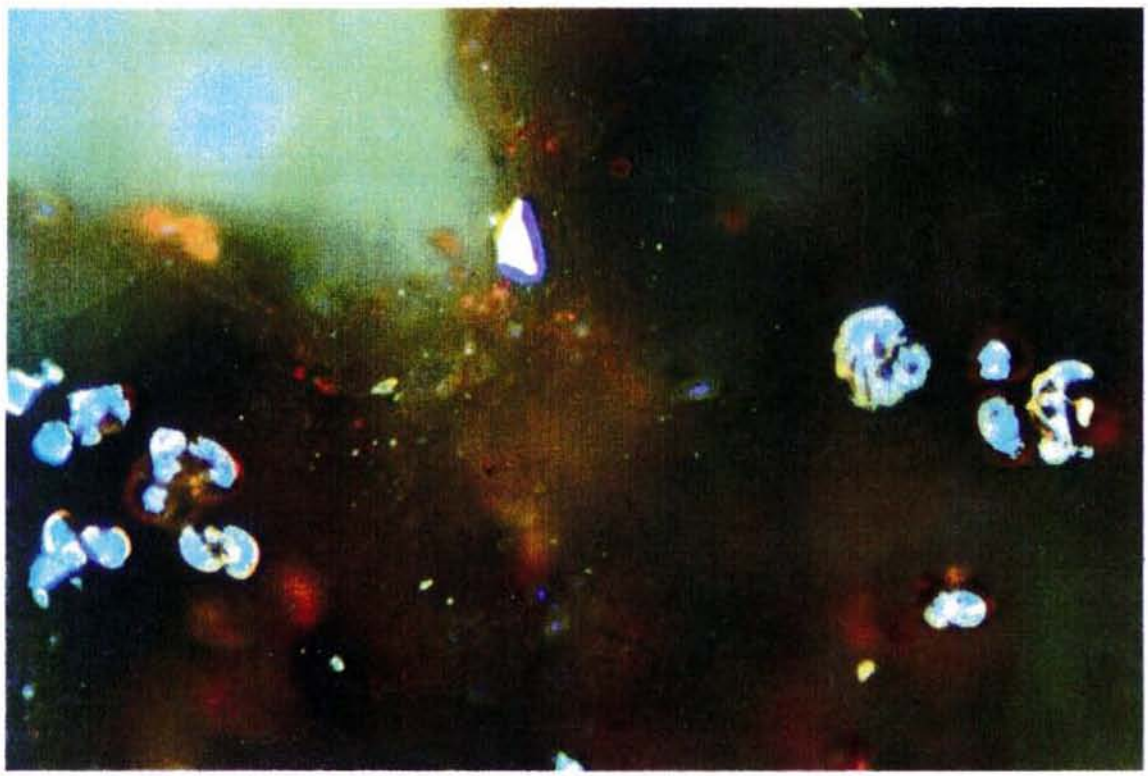


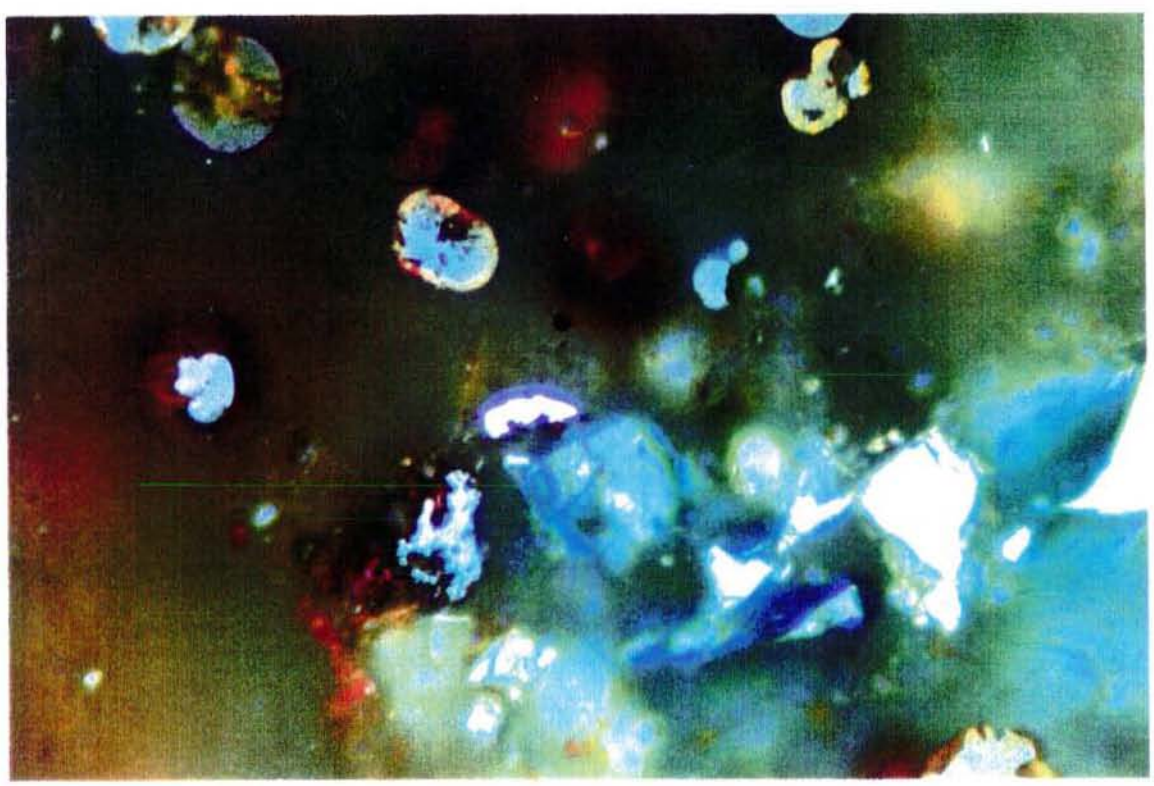
PM 47 and 48

Unidentified opaque grains (possible electrum? or Pt-Group Minerals?) in gangue (quartz) of breccia ore.

20 micron size, isotropic, yellowish white colour and high reflectivity. Bluish grey globules are colloform Fe-hydroxide 30-50 microns in size. Light grey grains are Ti-silicates.

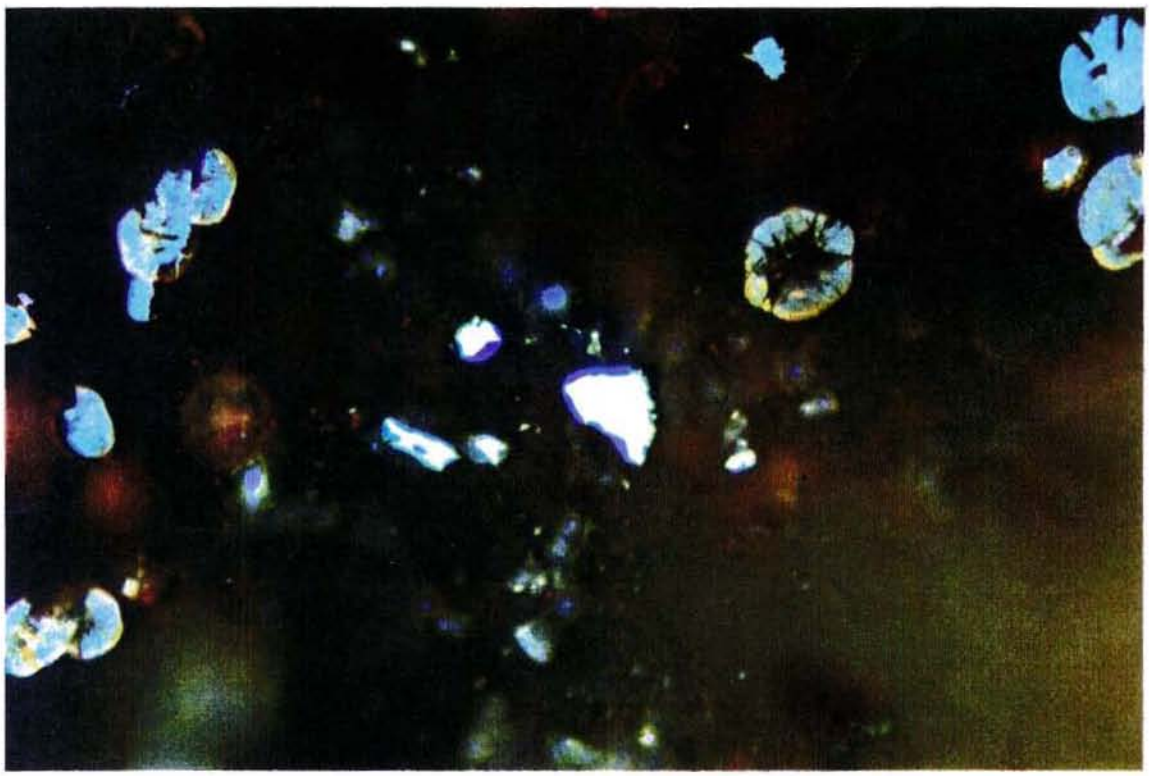
OG-9B-90, 448x, oil immersion, reflected light.

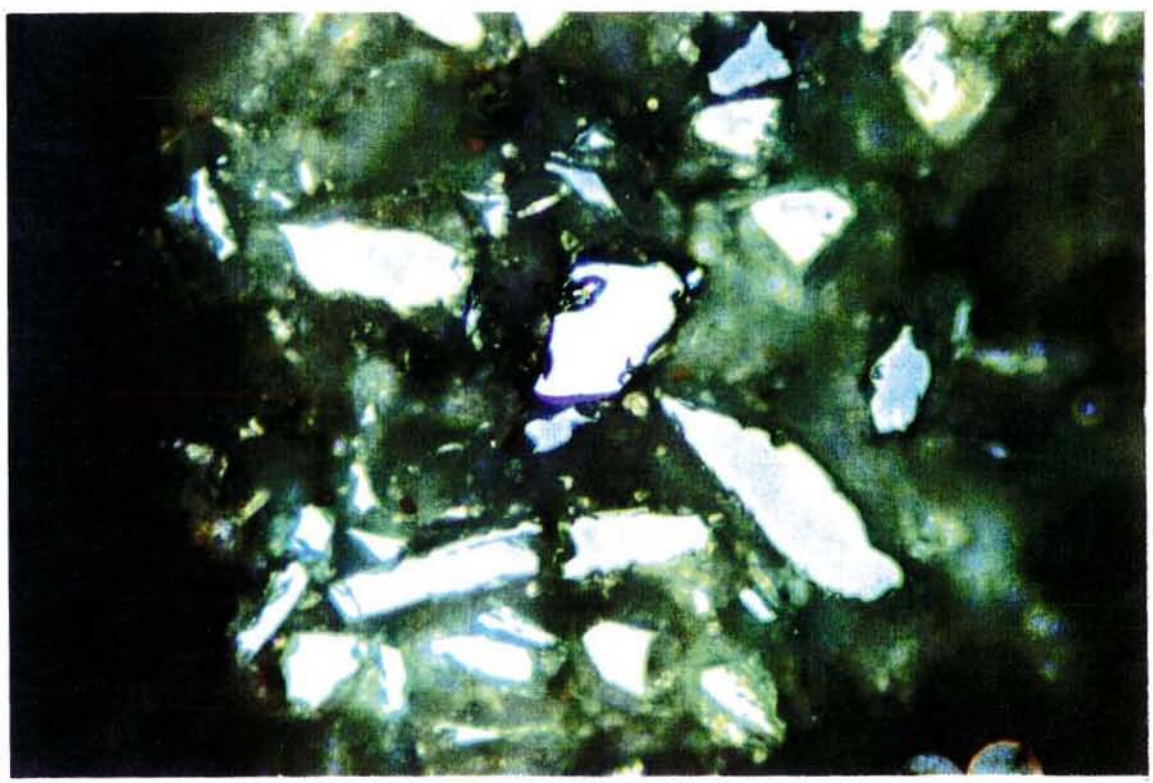




PM 49 and 50

Alloy (?) grains (white) in gangue (quartz) of breccia ore.
As in photomicrographs 47, 48: Unidentified, white, highly reflecting isotropic grains, 30 to 50 micron size in gangue. Grey particles in #50 are Ti-silicates.
OG-9B-90, 448x, oil immersion, reflected light.

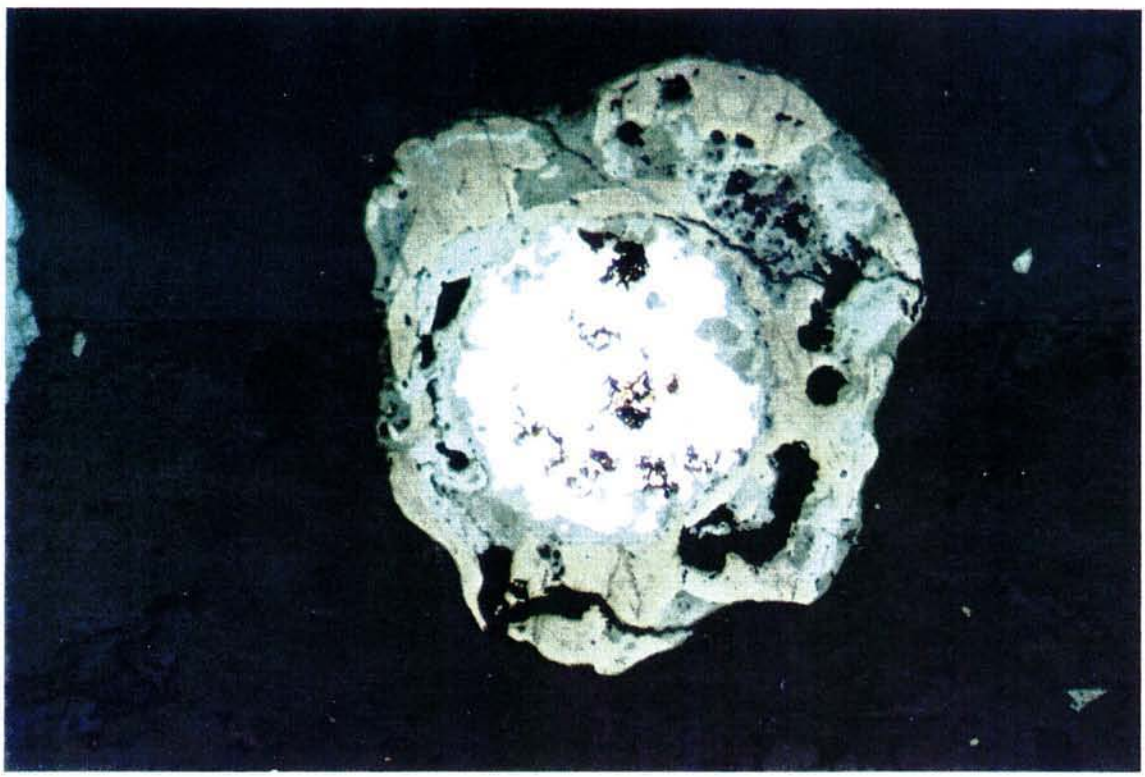


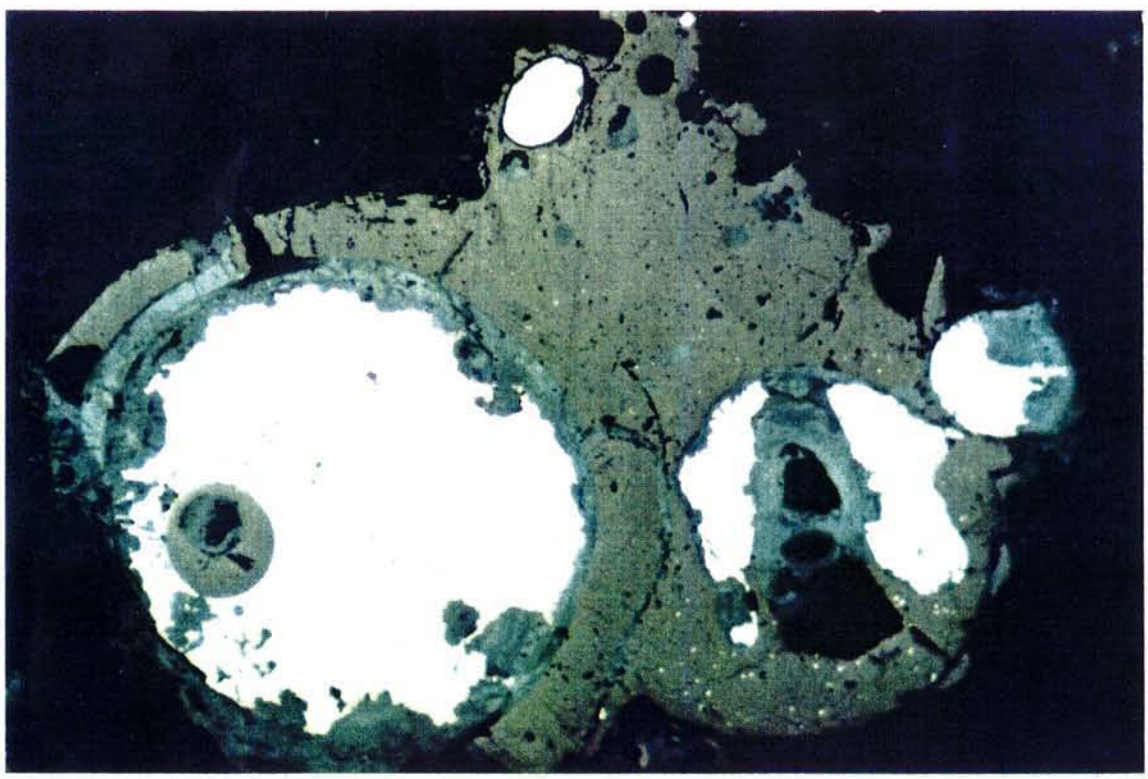


PM 51 and 52

Matte and alloy particles.

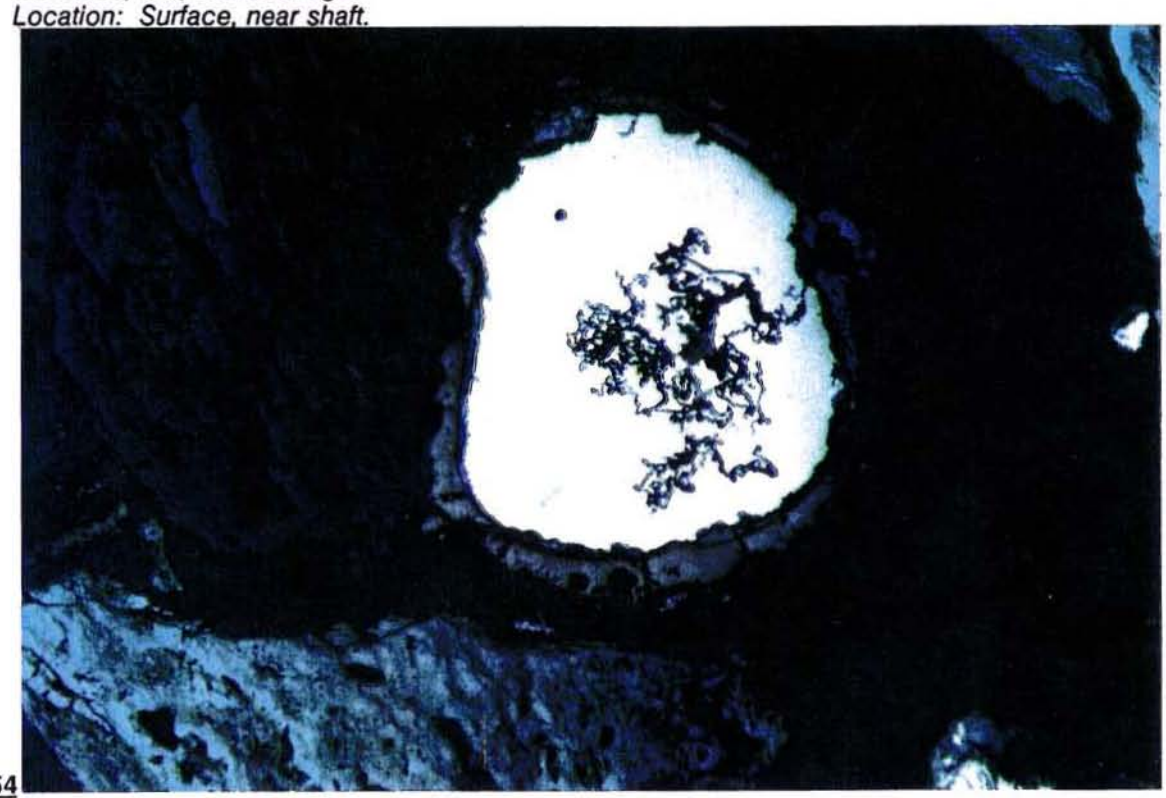
Man-made, magnetic, smelted particles. Globules of sulphide matte (yellowish white) rimmed by unidentified oxide and Fe-alloy phases (bluish grey, brownish grey)
Diameter 0.5 - 1 millimetre.
OG-96-90, 140x, reflected light.
Location: Surface, near shaft.





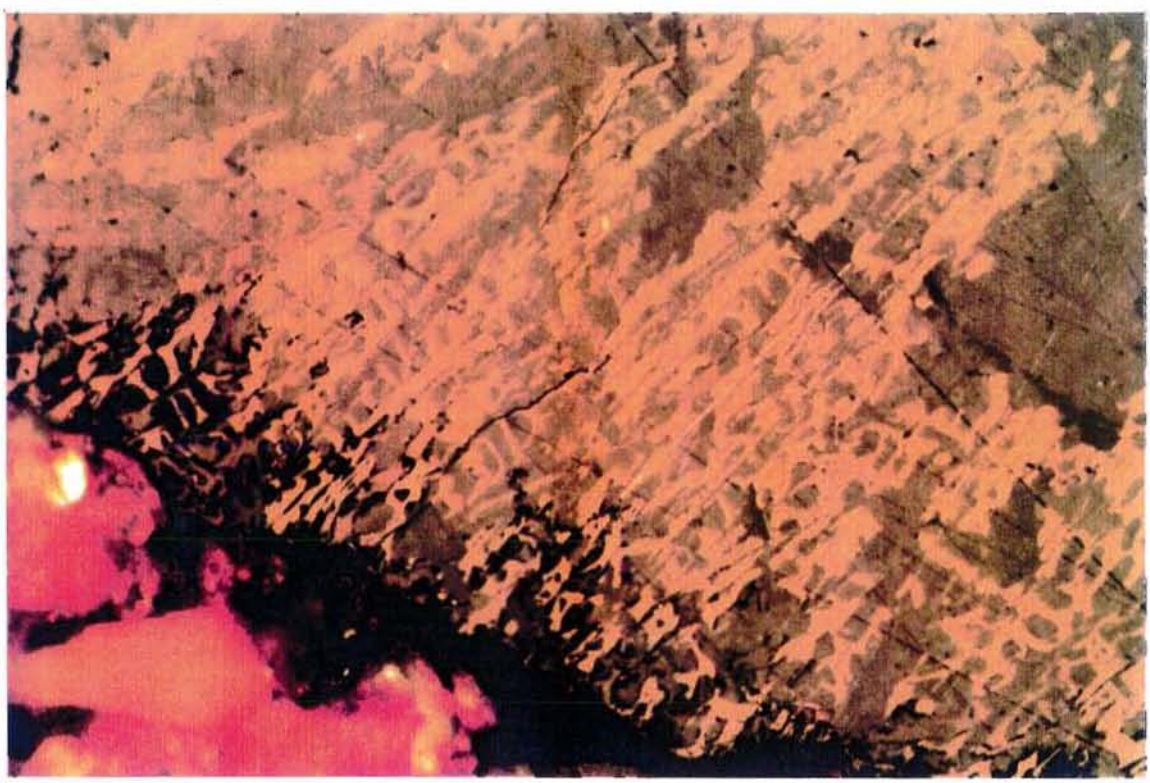
PM 53

Sulphide-matte. Man-made, magnetic, smelted globule of sulphide matte (white), with narrow rim of Fe-alloy. Diameter of globule approximately 1 millimetre.
OG-96-90, 65x, reflected light.
Location: Surface, near shaft.



PM #54

Sulphide matte. Portion of a 2-3 millimetre globule of sulphide matte under crossed nicols. The internal structure of the sulphide matte is illustrated by anisotropic crystals: Skeletal sulphide crystals are oriented in a radial pattern normal to the periphery i.e normal to the cooling surface.
OG-96-90, 130x, reflected light, crossed nicols.
Location: Surface, near shaft.



PM #55

Alloy particle. Man-made, magnetic, smelted particles. Interbanded, iron alloys (white) and Fe-oxide (bluish grey) showing flow banding.
OG-96-90, 65x, reflected light.
Location: Surface, near shaft.

PM #56

Alloy particle. Detail of photomicrograph #55 showing banding of alloys and Fe-oxides. Alloys, (high reflectivity) show different colours (white and pinkish).
OG-96-90, 140x, reflected light.
Location: Surface, near shaft.

APPENDIX D

CHEMICAL ANALYSES

CLARABELLE MILL

ANALYZED ON: 1990-9-5
TO: R. TENBERGEN
ANALYSIS IN: %

FILE: 01900906.AST

SPLE NO.	SPLE.	IDENTIFICATION	Cu	Ni	Co	Fe	S	SiO2	Ag	Al2O3
K6182	1 RT	HOLE 1 (NORTH) 5'-15'	0.0193	0.0420	0.0054	4.63	0.0377	52.2	< 0.0022	13.7
K6183	2	20'-25'	0.0112	0.0126	0.0042	4.28	0.0317	53.4	< 0.0022	15.0
K6184	3	30'-35'	0.0131	0.0156	0.0033	4.40	< 0.0092	53.4	< 0.0023	14.8
K6185	4	40'-45'	0.0093	0.0238	0.0046	5.13	0.0425	52.4	< 0.0024	14.8
K6186	5	50'-55'	0.0078	0.0171	0.0050	5.94	0.0249	51.4	< 0.0022	14.0
K6187	6	60'-65'	0.0100	0.132	0.0039	4.95	0.0530	54.2	< 0.0023	15.2
K6188	7	70'-75'	0.0077	0.0567	0.0038	4.47	0.0223	56.1	< 0.0022	16.2
K6189	8	80'-85'	0.0139	0.0164	0.0042	5.00	0.0181	52.8	< 0.0023	16.6
K6190	9	90'-95'	0.0084	0.0184	0.0039	4.38	0.0253	56.6	< 0.0022	16.0
K6191	10	HOLE 2 (SOUTH) 5'-15'	0.0105	0.0194	0.0025	2.42	0.0294	66.3	< 0.0023	12.9
K6192	11	20'-25'	0.0068	0.0227	0.0036	3.80	0.0178	56.9	< 0.0023	13.0
K6193	12	30'-35'	0.0082	0.0206	0.0041	4.68	0.0341	52.3	< 0.0023	15.4
K6194	13	40'-45'	0.0121	0.0145	0.0040	4.85	0.0095	53.2	< 0.0022	15.4
K6195	14	50'-55'	0.0073	0.0206	0.0043	4.71	0.0189	54.9	< 0.0022	15.3
K6196	15	SURFACE SAND	0.0070	0.0078	0.0017	3.41	0.0102	65.3	< 0.0020	13.8
K6197	16	MAGN FROM SURFACE	0.0091	< 0.0032	0.0088	52.7	0.0528	15.5	< 0.0022	3.51
K6198	17	EASTERLY GULLY - SCRAPINGS	0.0184	0.0043	0.0040	7.43	0.0185	52.4	< 0.0021	16.4
K6199	X 18	BRECCIA (PF/RF)	0.0235	0.0091	0.0026	20.2	0.115	58.9	< 0.0021	5.31
K6200	X 19	ULTRAMAFICS	0.0038	0.0404	0.0062	6.28	< 0.0089	44.5	< 0.0022	9.97
K6201	X20	TAN SANDS (WCL)	0.0078	< 0.0033	0.0033	4.16	0.0547	66.2	< 0.0022	13.0
K6202	21	ULTRAMAFICS	0.0042	0.0472	0.0069	6.90	< 0.0085	42.4	< 0.0021	9.82
K6203	22	OG-11-90 - PF	0.0042	< 0.0032	0.0041	12.7	0.113	50.9	< 0.0021	18.1
K6204	23	HEAVIES BH.	0.0149	0.0188	0.0060	8.60	0.0324	46.8	< 0.0021	12.3
K6205	24	HEAVIES BOREHOLE (1.62wt)	0.0093	0.0189	0.0070	5.71	0.0595	50.9	< 0.0021	14.5

SPLE NO.	SPLE.	IDENTIFICATION	As	Au	B	Ba	Bi	CaO	Cr2O3	Ir
K6182	1 RT		< 0.0054	< 0.0022	0.0022	0.114	< 0.0109	8.30	0.0679	< 0.0163
K6183	2		0.0076	< 0.0022	0.0032	0.117	< 0.0111	7.16	0.0499	< 0.0166
K6184	3		0.0073	< 0.0023	0.0022	0.113	< 0.0115	7.63	0.0300	< 0.0173
K6185	4		0.0078	< 0.0024	0.0023	0.101	< 0.0118	7.80	0.0433	< 0.0177
K6186	5		< 0.0056	< 0.0022	0.0024	0.0841	< 0.0112	8.42	0.0591	< 0.0168
K6187	6		0.0063	< 0.0023	< 0.0023	0.0913	< 0.0116	7.15	0.0391	< 0.0174
K6188	7		0.0057	< 0.0022	0.0022	0.108	< 0.0109	6.24	0.0281	< 0.0164
K6189	8		0.0063	< 0.0023	0.0024	0.102	< 0.0115	7.27	0.0355	< 0.0173
K6190	9		0.0071	< 0.0022	0.0023	0.0958	< 0.0111	6.83	0.0278	< 0.0167
K6191	10		0.0064	< 0.0023	< 0.0023	0.218	< 0.0114	4.37	0.0333	< 0.0171
K6192	11		< 0.0057	< 0.0023	0.0022	0.137	< 0.0114	7.44	0.0600	< 0.0170
K6193	12		0.0060	< 0.0023	< 0.0023	0.121	< 0.0113	7.59	0.0384	< 0.0170
K6194	13		< 0.0054	< 0.0022	< 0.0022	0.111	< 0.0109	7.46	0.0343	< 0.0163
K6195	14		0.0060	< 0.0022	0.0028	0.111	< 0.0110	6.97	0.0363	< 0.0164
K6196	15		0.0062	< 0.0020	0.0023	0.130	< 0.0102	4.08	0.0069	< 0.0153
K6197	16		0.0065	< 0.0022	< 0.0022	0.0292	0.0127	2.38	0.0407	0.0216
K6198	17		0.0088	< 0.0021	0.0034	0.0864	< 0.0106	4.36	0.0143	< 0.0159
K6199	18		0.0073	< 0.0021	0.0030	0.0300	< 0.0106	0.288	0.0069	< 0.0160
K6200	19		0.0067	< 0.0022	< 0.0022	0.0501	< 0.0112	10.6	0.148	< 0.0168
K6201	20		< 0.0055	< 0.0022	0.0041	0.0857	< 0.0110	2.27	0.0108	< 0.0165
K6202	21		0.0064	< 0.0021	0.0023	0.0437	< 0.0106	10.2	0.163	< 0.0159
K6203	22		0.0095	< 0.0021	0.0036	0.0646	< 0.0105	0.182	0.0185	0.0211

SPLE NO.	SPLE. IDENTIFICATION	As	Au	B	Ba	Bi	CaO	Cr2O3	Ir
K6204	23	0.0069	< 0.0021	0.0025	0.0197	< 0.0106	15.0	0.0394	< 0.0159
K6205	24	0.0121	0.0040	0.0040	0.0748	0.0198	9.70	0.0415	0.0278

SPLE NO.	SPLE. IDENTIFICATION	K	Li	MgO	Mn	Mo	P	Pb	Pd
K6182	1 RT	1.86	0.0073	6.74	0.103	0.0016	0.116	< 0.0109	< 0.0087
K6183	2	1.83	0.0066	5.34	0.0870	0.0016	0.132	0.0140	< 0.0088
K6184	3	1.94	0.0051	4.24	0.0960	0.0015	0.145	< 0.0115	< 0.0092
K6185	4	1.80	0.0043	5.46	0.116	0.0015	0.146	< 0.0118	< 0.0094
K6186	5	1.39	0.0040	6.94	0.138	0.0016	0.130	< 0.0112	< 0.0090
K6187	6	1.59	0.0052	4.80	0.108	0.0013	0.158	< 0.0116	< 0.0093
K6188	7	2.01	0.0049	3.87	0.0957	0.0018	0.146	< 0.0109	< 0.0087
K6189	8	1.61	0.0049	4.63	0.108	0.0018	0.166	< 0.0115	< 0.0092
K6190	9	1.87	0.0045	3.81	0.0946	0.0017	0.164	< 0.0111	< 0.0089
K6191	10	2.75	0.0028	2.58	0.0522	0.0011	0.0340	< 0.0114	< 0.0091
K6192	11	2.08	0.0084	4.68	0.102	0.0013	0.0700	< 0.0114	< 0.0091
K6193	12	2.49	0.0067	4.96	0.103	0.0011	0.135	< 0.0113	< 0.0090
K6194	13	1.88	0.0056	4.49	0.105	0.0016	0.127	< 0.0109	< 0.0087
K6195	14	1.80	0.0037	4.43	0.104	0.0016	0.135	< 0.0110	< 0.0088
K6196	15	2.98	0.0021	1.21	0.0480	0.0017	0.0720	< 0.0102	< 0.0082
K6197	16	0.509	0.0011	0.660	0.158	0.0028	0.179	0.0149	0.0127
K6198	17	2.04	0.0046	2.69	0.106	0.0024	0.146	< 0.0106	< 0.0085
K6199	18	1.10	0.0016	0.396	0.0132	0.0038	0.0941	< 0.0106	< 0.0085
K6200	19	1.37	0.0063	12.1	0.153	0.0015	0.139	< 0.0112	< 0.0089
K6201	20	2.21	0.0017	1.20	0.0564	0.0015	0.0712	0.0127	< 0.0088
K6202	21	1.65	0.0061	15.6	0.149	0.0010	0.143	< 0.0106	< 0.0085
K6203	22	4.89	0.0024	1.58	0.0287	0.0023	0.0817	0.0121	< 0.0084
K6204	23	0.393	0.0014	9.33	0.183	0.0015	0.280	< 0.0106	< 0.0085
K6205	24	1.28	0.0037	5.16	0.122	0.0028	0.409	0.0239	0.0288

SPLE NO.	SPLE. IDENTIFICATION	Pt	Rh	Ru	Sb	Se	Sn	Te	TiO2
K6182	1 RT	< 0.0109	< 0.0109	< 0.0054	< 0.0217	< 0.0217	0.0030	< 0.0109	0.584
K6183	2	< 0.0111	< 0.0111	< 0.0055	< 0.0221	0.0261	0.0048	< 0.0111	0.586
K6184	3	< 0.0115	< 0.0115	< 0.0058	< 0.0230	< 0.0230	< 0.0023	< 0.0115	0.655
K6185	4	< 0.0118	< 0.0118	< 0.0059	< 0.0236	< 0.0236	0.0025	< 0.0118	0.711
K6186	5	< 0.0112	< 0.0112	< 0.0056	< 0.0224	< 0.0224	0.0031	< 0.0112	0.750
K6187	6	< 0.0116	< 0.0116	< 0.0058	< 0.0232	< 0.0232	0.0028	< 0.0116	0.680
K6188	7	< 0.0109	< 0.0109	< 0.0055	< 0.0219	< 0.0219	0.0041	< 0.0109	0.667
K6189	8	< 0.0115	< 0.0115	< 0.0058	< 0.0231	< 0.0231	0.0042	0.0223	0.751
K6190	9	< 0.0111	< 0.0111	< 0.0056	< 0.0222	< 0.0222	0.0040	0.0264	0.629
K6191	10	< 0.0114	< 0.0114	< 0.0057	< 0.0228	< 0.0228	0.0035	0.0223	0.230
K6192	11	< 0.0114	< 0.0114	< 0.0057	< 0.0227	< 0.0227	0.0032	0.0189	0.446
K6193	12	< 0.0113	< 0.0113	< 0.0057	< 0.0226	< 0.0226	0.0025	< 0.0113	0.681
K6194	13	< 0.0109	< 0.0109	< 0.0054	< 0.0217	< 0.0217	0.0031	< 0.0109	0.691
K6195	14	< 0.0110	< 0.0110	< 0.0055	< 0.0219	< 0.0219	0.0038	< 0.0110	0.630
K6196	15	< 0.0102	< 0.0102	< 0.0051	< 0.0204	< 0.0204	0.0043	< 0.0102	0.591
K6197	16	0.0132	< 0.0108	< 0.0054	< 0.0216	< 0.0216	0.0059	< 0.0108	1.26
K6198	17	< 0.0106	< 0.0106	< 0.0053	< 0.0211	< 0.0211	0.0032	< 0.0106	0.935
K6199	18	< 0.0106	< 0.0106	< 0.0053	< 0.0213	< 0.0213	0.0040	< 0.0106	0.245
K6200	19	< 0.0112	< 0.0112	< 0.0056	< 0.0224	< 0.0224	0.0032	< 0.0112	0.635
K6201	20	< 0.0110	< 0.0110	< 0.0055	< 0.0220	< 0.0220	0.0040	< 0.0110	0.525
K6202	21	< 0.0106	< 0.0106	< 0.0053	< 0.0212	< 0.0212	0.0029	< 0.0106	0.813
K6203	22	< 0.0105	< 0.0105	< 0.0053	< 0.0210	< 0.0210	0.0049	0.0202	1.14
K6204	23	< 0.0106	< 0.0106	< 0.0053	< 0.0212	< 0.0212	0.0046	0.0242	1.21
K6205	24	0.0309	0.0277	0.0096	< 0.0214	0.0312	0.0058	0.0278	1.29

SPLE NO.	SPLE. IDENTIFICATION	V	Zn
K6182	1 RT	0.0100	0.0121

SPLE NO.	SPLE. IDENTIFICATION	V	Zn
K6183	2	0.0093	0.0091
K6184	3	0.0109	0.0134
K6185	4	0.0124	0.0138
K6186	5	0.0131	0.0144
K6187	6	0.0112	0.0133
K6188	7	0.0111	0.0113
K6189	8	0.0120	0.0122
K6190	9	0.0106	0.0211
K6191	10	0.0035	0.0058
K6192	11	0.0081	0.0106
K6193	12	0.0116	0.0102
K6194	13	0.0123	0.0098
K6195	14	0.0113	0.0104
K6196	15	0.0062	0.0077
K6197	16	0.0955	0.0130
K6198	17	0.0152	0.0081
K6199	18	0.0305	0.0030
K6200	19	0.0122	0.0173
K6201	20	0.0076	0.0033
K6202	21	0.0147	0.0158
K6203	22	0.0284	0.0059
K6204	23	0.0227	0.0178
K6205	24	0.0185	0.0127

-LL SAMPLES HAVE FACTOR OF 1.25 FOR RHODIUM ASSAY

INCO LTD DCP/ICP ANALYSIS 09-12-1990

FILENAME - PB0912HT

MD

TROY OZ/SHORT TON

SAMPLE #	SAMPLE IDENTIFICATION	PT	PD	RH	AU	AG
0-6182	RT-1 TO 26 1 HOLE 1 5-15'	0.0064	< 0.0004	< 0.0025	< 0.0005	< 0.0004
0-6183	RT-1 TO 26 2 (NORTH) 20-25'	< 0.0046	< 0.0004	< 0.0025	< 0.0005	< 0.0004
0-6184	RT-1 TO 26 3 30-35'	< 0.0046	< 0.0004	< 0.0025	< 0.0005	< 0.0004
0-6185	RT-1 TO 26 4 40-45'	0.0055	< 0.0004	< 0.0025	< 0.0005	0.0034
0-6186	RT-1 TO 26 5 50-55'	0.0076	0.0013	< 0.0025	0.0011	0.0011
0-6187	RT-1 TO 26 6 60-65'	0.0105	0.0005	< 0.0025	0.0007	0.0016
6188	RT-1 TO 26 7 70-75'	0.0094	< 0.0004	< 0.0025	0.0005	0.0010
0-6189	RT-1 TO 26 8 80-85'	0.0536	< 0.0004	< 0.0025	< 0.0005	0.0013
0-6190	RT-1 TO 26 9 90-95'	0.0238	0.0004	< 0.0025	0.0005	< 0.0004
0-6191	RT-1 TO 26 10 HOLE 2 5-15'	0.0186	0.0007	< 0.0025	0.0007	< 0.0004
0-6192	RT-1 TO 26 11 (SOUTH) 20-25'	< 0.0046	0.0004	< 0.0025	< 0.0005	< 0.0004
0-6193	RT-1 TO 26 12 30-35'	0.0055	0.0007	< 0.0025	0.0008	0.0013
0-6194	RT-1 TO 26 13 40-45'	0.0055	< 0.0004	< 0.0025	< 0.0005	0.0015
0-6195	RT-1 TO 26 14 50-55'	0.0067	< 0.0004	< 0.0025	< 0.0005	< 0.0004
0-6196	RT-1 TO 26 15 SURFACE SAND	0.0053	< 0.0004	< 0.0025	< 0.0005	0.0021
0-6197	RT-1 TO 26 16 MAGNETICS	0.0090	0.0020	0.0035	0.0010	0.0026
0-6198	RT-1 TO 26 17 GULLY SCAPINGS	0.0053	0.0006	< 0.0025	< 0.0005	0.0041
0-6199	RT-1 TO 26 18 BRECCIA (PF/RT)	0.0051	< 0.0004	< 0.0025	0.0109	0.0835
0-6200	RT-1 TO 26 19 ULTRAMAFICS	0.0546	< 0.0004	< 0.0025	< 0.0005	0.0030
0-6201	RT-1 TO 26 20 TAN SANDS	< 0.0046	< 0.0004	< 0.0025	< 0.0005	0.0025
0-6202	RT-1 TO 26 21 ULTRAMAFICS	0.0097	< 0.0004	< 0.0025	< 0.0005	0.0019
0-6203	RT-1 TO 26 22 OG-11-90	0.0654	0.0019	0.0029	0.0102	0.0337
0-6204	RT-1 TO 26 23 ULTRAMAFICS	0.0185	< 0.0004	< 0.0025	< 0.0005	0.0062
0-6205	RT-1 TO 26 24 HICKNIES RH	0.0069	0.0005	< 0.0025	0.0098	0.0010
0-6206	RT-1 TO 26 25 DRILLS FROM MAGNETICS	0.5167	0.0779	< 0.2722	< 0.0525	0.1304

APPENDIX E

GEOLOGICAL ASSESSMENT - SCOPE OF WORK

(INCO CONTRACT A-90279E)

GEOLOGICAL ASSESSMENT

SCOPE OF WORK:

Inco is investigating the properties of Weaver Creek and Oro Grande mine sites near Wickenburg, Arizona.

Geological assessments of the sites are required based on investigations of the following geological factors:

1.0 Paleoplacers
- Stratographic variations
- Lateral variations
- Potential damming fronts

2.0 Potential paleoplacers
- Overlying tertiary conglomerates

3.0 Bedrock
- Complex/composite or layered(?)
- Diorite-monzonite and breccia interface and schists

4.0 Determine if bimodal
- Paleoplacers, damming fronts
- Potential paleoplacers
- Bedrock 100 level
  - 200 level
- Metallics origin & distribution

It is expected that a site investigation will be carried out within an 8 to 10 day time period, an interpretation of indications made, data collected previously by others reviewed and a comprehensive report prepared summarizing the geological structure of the area.

The summarization of the indications should include the basis for conclusions reached.

The assessment work is being carried out in cooperation with McFarland & Hullinger and Global Platinum & Gold Inc. and their consultant Mr. Russell Twiford of Global Ventures.

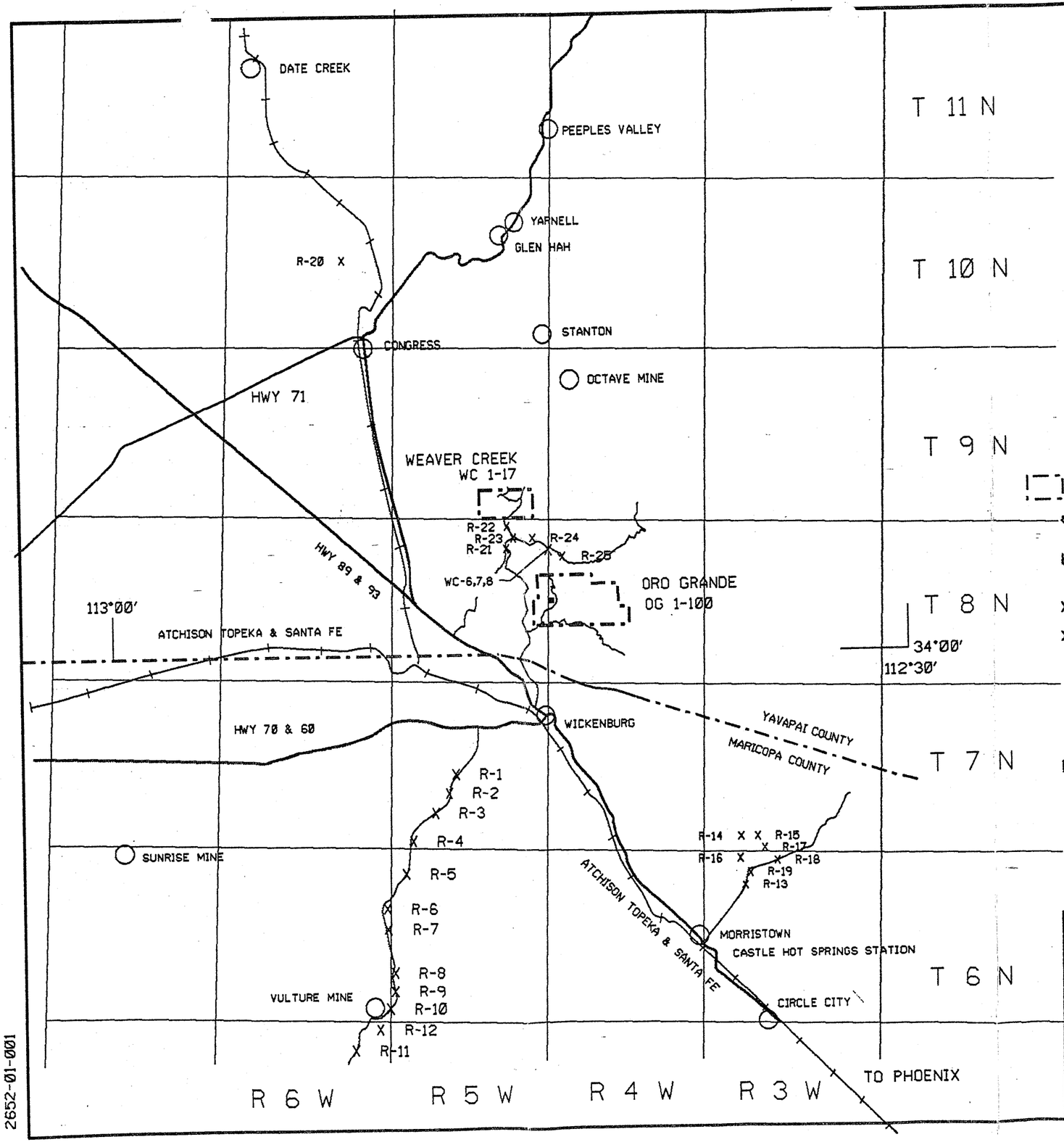
The work is to be carried out under the direction of Mr. Frank Puskas of Inco Exploration & Technical Services Inc.

MAPS

AND

SCHEDULE 1 AND 2

22-JAN-1991 13:29 [MOXAM] requested from VAX



LEGEND

OUTLINE OF DETAILED MAPS

a) ORO GRANDE
sample # OG-1 to OG-100

b) WEAVER CREEK
sample # WC=1 to WC-17

X R-1 RECONNAISSANCE samples

X WC-6,7,8 WEAVER CREEK TAILINGS SAMPLES

0 5 10 20 KM

SCALE 1:250,000

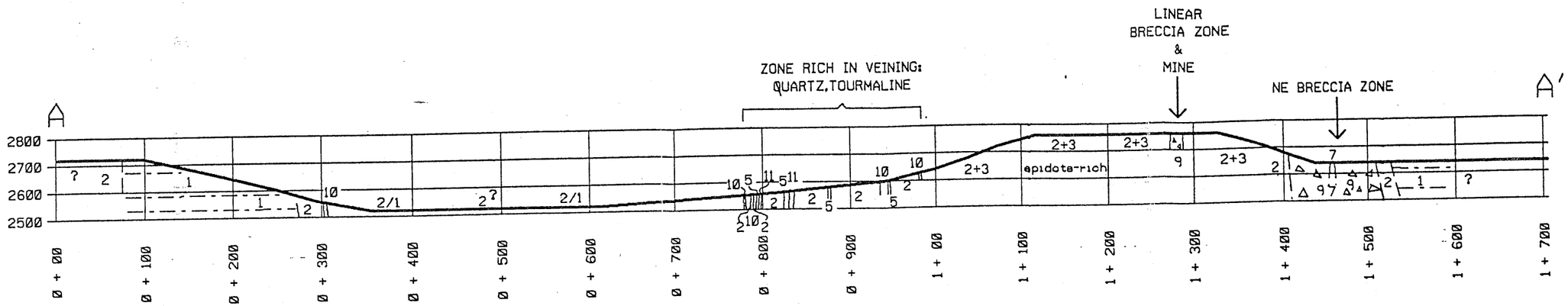
REGIONAL KEY MAP

YAVAPAI & MARICOPA COUNTIES,ARIZONA
SHOWING PROPERTIES & SAMPLE LOCATIONS

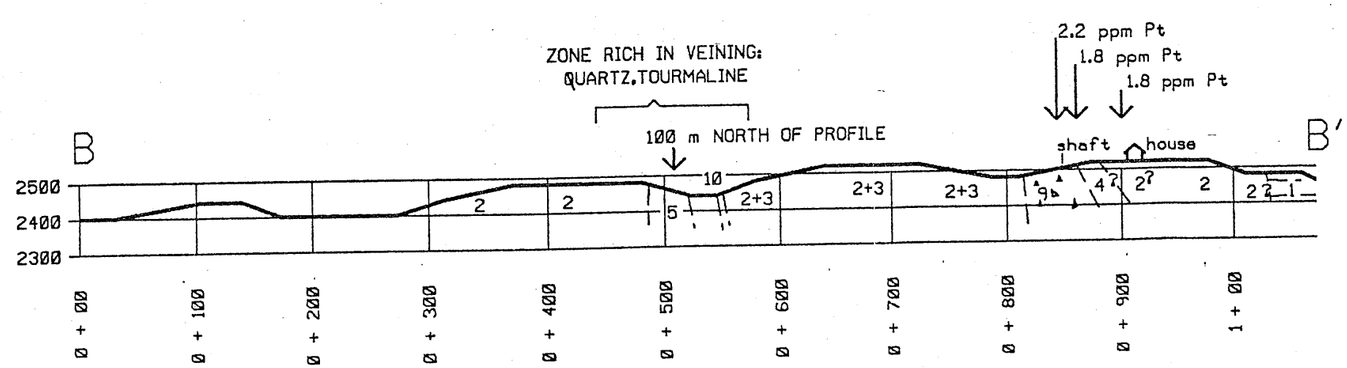
KEY : R - RECONAISSANCE SAMPLES
OG - ORO GRANDE SAMPLES
WC - WEAVER CREEK SAMPLES

FIGURE #2	DATE: SEPT 1990	GEOLOGY By P.FISCHER

plate 1 of 12



SECTION A-A



SECTION B-B

0 50 100 200 M

Horizontal - METRES
Vertical elevation - FEET

NOTE: Rock types within 100 m of section line are shown.
SYMBOLS: 2.2 ppm Pt = approximate location of samples.

Legend

PRECAMBRIAN	11	TOURMALINE VEIN
	10	QUARTZ VEIN
	9	BRECCIA
	7	QUARTZ DIORITE PORPHYRY
	4,5	ULTRAMAFIC
	2,3	DIORITE AND FELSIC DYKES
	1	SCHIST AND GNEISS

ORO GRANDE PROPERTY
(GLOBAL PLATINUM & GOLD INC)
FLORES & SAM .POWELL PEAK QUADRANGELES
ARIZONA,YAVAPAI COUNTY
SIMPLIFIED CROSS SECTIONS A-A',B-B'

SECTION 1	DATE: SEPT 1990	GEOLOGY By P.FISCHER

FIGURE 5 PAGE 14

2652-01-004

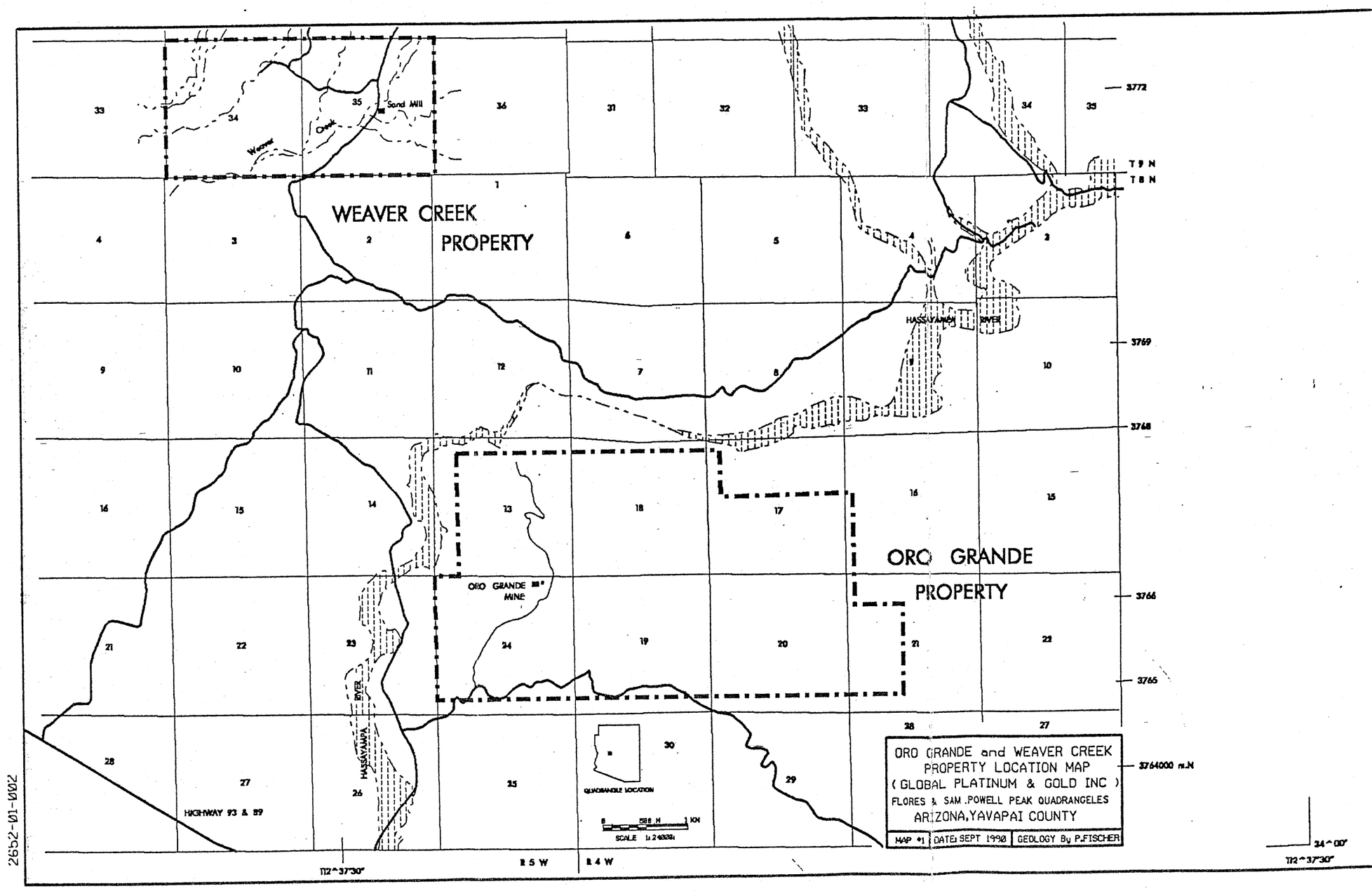
Plate 2 of 12

2652-01-010

TABLE 2 – ORO GRANDE — TABULATED ANALYTICAL RESULTS OF GRAB SAMPLES

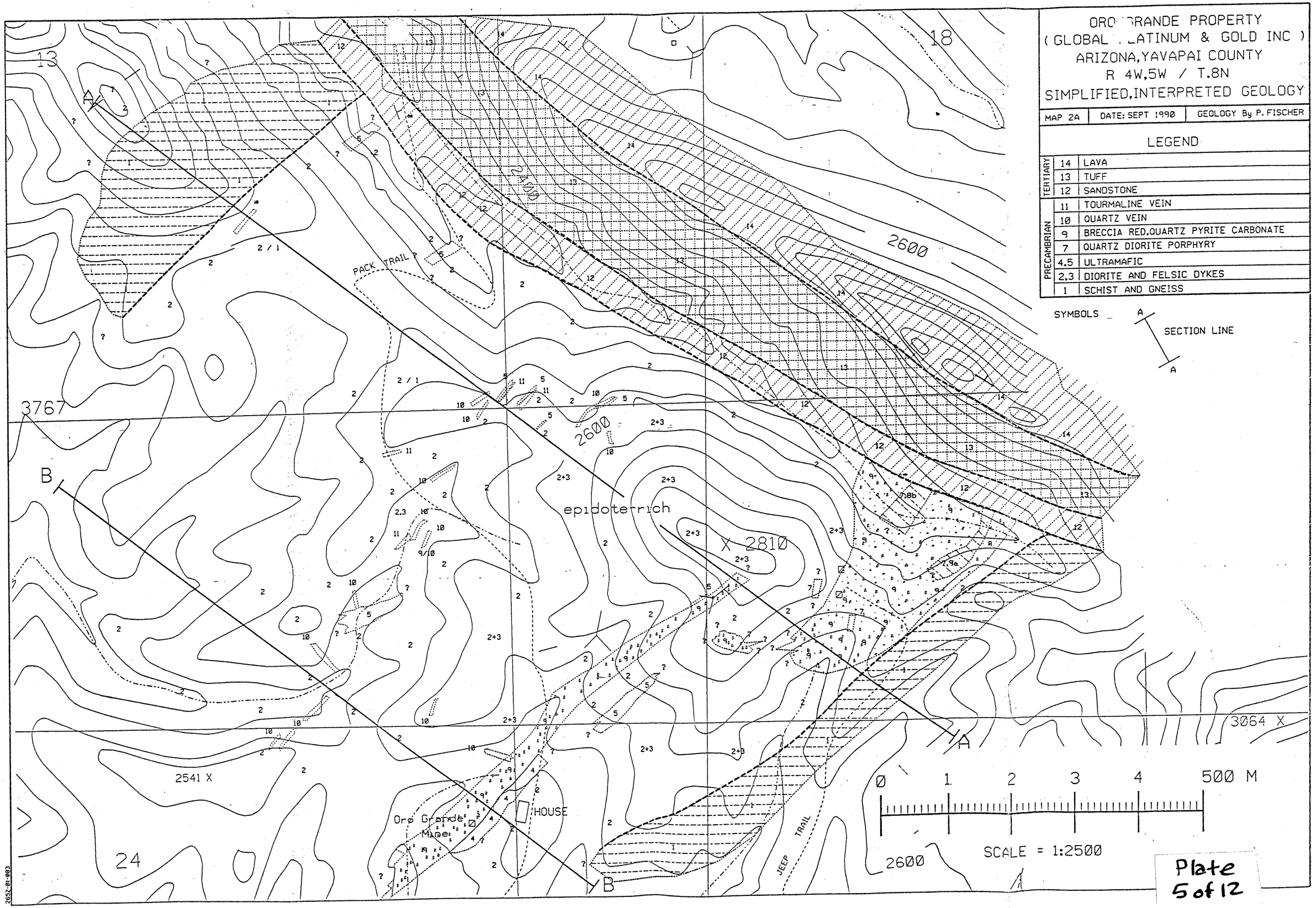
SAMPLE #	SAMPLE IDENTIFICATION	ROCK TYPE	ANALYSIS TYPE	PPM Pt	Pd	Au	Ag	Cu	Ni	Co	Zn	Rh	% SiO_2	Al_2O_3	CaO	MgO	Fe	K	Mn	TiO_2	Cr_2O_3	P
K6182 to K6195	INCO # 1 – 14 from Drill holes (chips)	GROUP A DIORITE – GABBRO (mixture with felsic dykes)	Average	0.40	< 0.017	< 0.02	< 0.03	104	224	40.6	116.5		50.7	14.9	7.2	4.8	4.5	1.9	0.1	0.64	0.04	0.14
K6182	1	"	Single	0.22	< 0.014	< 0.017	< 0.014	193	420	54	91	< .08	52.2	13.7	8.3	6.7	4.6	1.9	0.10	0.58	0.07	0.11
83	2	"	"	< .16	< .014	< .017	.014	112	126	42	134		53.4	15.0	7.2	5.3	4.3	1.9	.09	.59	.05	.13
84	3	"	"	< .16	< .014	< .017	.014	131	156	33	138		53.4	14.8	7.6	4.2	4.4	1.9	.10	.65	.03	.14
85	4	"	"	.19	< .014	< .017	.11	93	238	46	144		52.4	14.8	7.8	5.5	5.1	1.8	.11	.71	.04	.14
86	5	"	"	.26	.04	.037	.04	78	171	50	133		51.4	14.0	8.4	6.9	5.9	1.4	.14	.75	.06	.13
87	6	"	"	.36	.017	.024	.05	100	132	39	113		54.2	15.2	7.1	4.8	4.9	1.6	.11	.68	.04	.16
88	7	"	"	.32	< .014	.017	.03	77	567	38	122		56.1	16.2	6.2	3.9	4.5	2.0	.10	.67	.03	.14
89	8	"	"	1.84	< .014	< .017	.04	139	164	42	211		52.8	16.6	7.3	4.6	5.0	1.6	.10	.75	.03	.17
90	9	"	"	.81	.014	< .017	< .01	84	184	39	58		56.6	16.0	6.8	3.8	4.4	1.9	.09	.63	.03	.16
91	10	"	"	.64	.02	.024	< .01	105	194	25	106		66.3	12.9	4.4	2.6	2.4	2.7	.05	.23	.03	.03
92	11	"	"	< .16	.014	< .017	< .01	68	227	36	102		55.9	13.0	7.4	4.7	3.8	2.0	.10	.44	.06	.07
93	12	"	"	.19	.02	.027	.04	82	206	41	98		52.3	15.4	7.6	5.0	4.7	2.5	.10	.68	.04	.13
94	13	"	"	.19	< .017	< .017	.05	121	145	40	104		53.2	15.4	7.5	4.5	4.8	1.9	.10	.69	.03	.13
6195	14	"	"	.23	< .017	< .017	< .01	73	206	43	77		54.9	15.3	7.0	4.4	4.7	1.8	.10	.63	.04	.13
6205	24	Panned drill chips	"	.23	.017	.33	.03	93	189	70	127		50.9	14.5	9.7	5.1	5.7	1.3	.12	1.3	.04	.41
K6200, 6202 6204	19, 21, 23	GROUP B Mafic – ultramafic	Average	0.94	< 0.014	< .017	0.13	76.3	354	63.7	169.7		44.5	10.7	11.9	12.3	7.6	1.16	0.16	0.9	0.10	0.18
K6200	19	Mafic – ultramafic	Single	1.87	< 0.014	< .017	.10	38	404	62	173		44.5	10.0	10.6	12.1	6.3	1.4	.15	.63	.15	.14
K6202	21	" "	"	0.33	< 0.014	< .017	.065	42	472	69	158		42.4	9.8	10.2	15.6	6.9	1.65	.15	.81	.16	.14
K6204	23	" "	"	0.63	< 0.014	< .017	.22	149	188	60	178		46.8	12.3	15	9.33	8.6	0.4	.18	1.21	.04	.28
K6199, 6203	18, 22	GROUP C Breccia Ore	Average	1.20	< 0.039	0.355	2.00	138.5	< 62	33.5	44.5	<0.1	55	11.7	0.24	1.0	16.5	3.0	.02	0.7	0.012	.08
K6199	18	Breccia Ore, surface	Single	0.17	< .014	0.37	2.86	235	911	26	30		58.9	5.3	0.3	0.14	20.2	1.1	.01	.24	.007	.09
K6203	(OG–11B–90) 22	Greisen, underground	"	2.24	.065	.34	1.15	42	< 322	41	59	0.1	50.9	18.1	0.18	1.6	12.7	4.9	.03	1.14	.018	.08
K6196, 97, 98	15, 16, 17	GROUP D Miscellaneous Samples	Average	0.22	< 0.03	0.02	0.1	115	< 51	48.3	96	<0.1	44.4	11.2	3.6	1.5	21.1	1.8	.15	.93	0.02	0.13
K6196	15	Surface Sands	Single	0.18	< .014	< .017	.07	70	78	17	77		65.3	13.8	4.1	1.21	3.4	3.0	.05	0.6	.007	.07
K6197	16	Magnetic Fraction	"	.30	.07	.03	.09	91	< 32	88	130	0.16	15.5	3.5	2.4	0.66	52.7	0.5	.16	1.26	.04	.18
K6198	17	Gully Scrapings	"	.18	.02	< .017	.14	184	43	40	81		52.4	16.4	4.3	2.7	7.4	2.0	.10	0.93	.014	.14

Plate 3 of 12



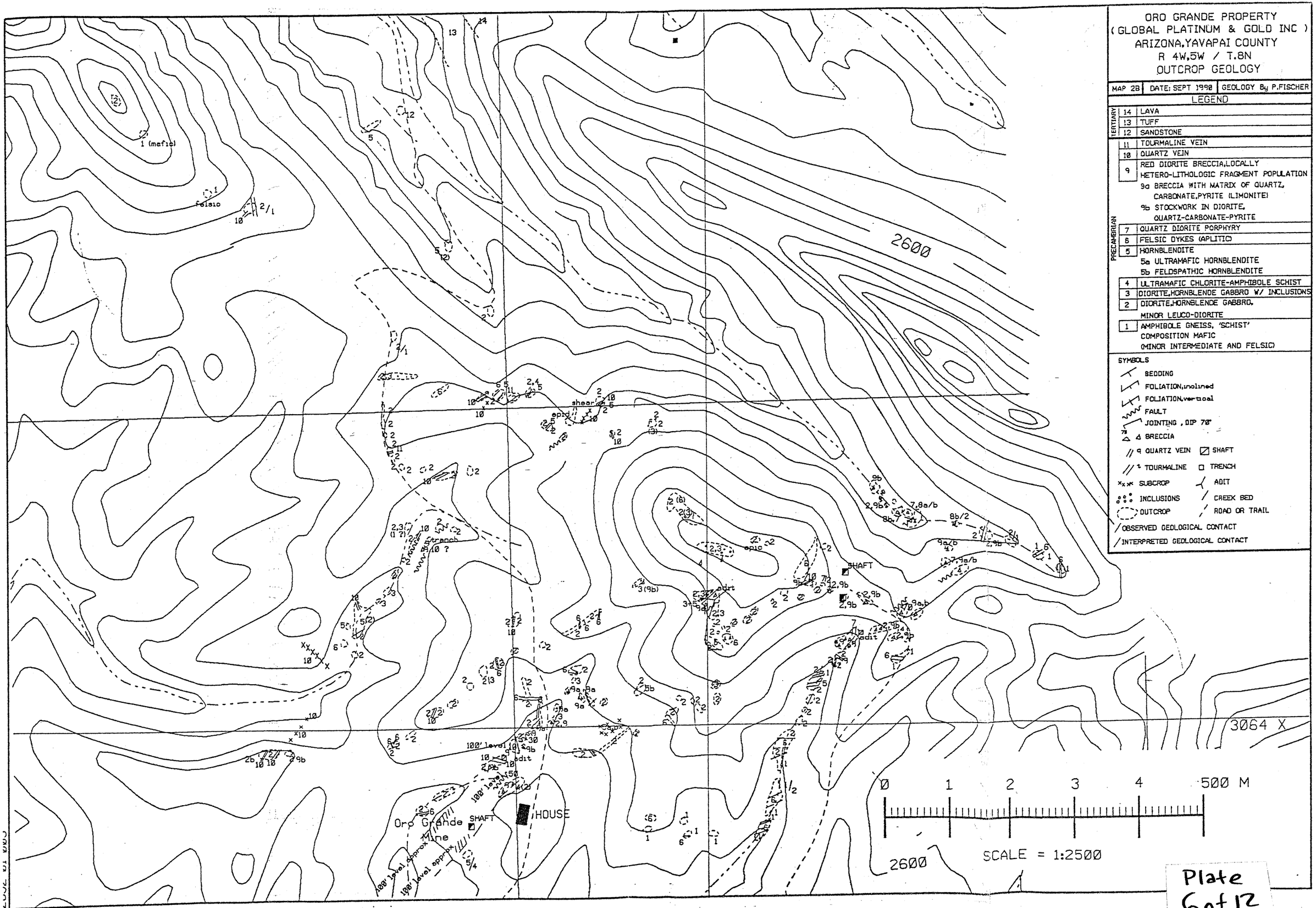
2652-01-002

Plate
4 of 12


ORO GRANDE PROPERTY
(GLOBAL PLATINUM & GOLD INC)
ARIZONA,YAVAPAI COUNTY
R 4W,5W / T.8N
SIMPLIFIED,INTERPRETED GEOLOGY
MAP 2A
DATE: SEPT 1990
GEOLOGY By P. FISCHER
LEGEND
TERTIARY
14 LAVA
13 TUFF
12 SANDSTONE
PRECAMBRIAN
11 TOURMALINE VEIN
10 QUARTZ VEIN
9 BRECCIA RED,QUARTZ PYRITE CARBONATE
7 QUARTZ DIORITE PORPHYRY
4,5 ULTRAMAFIC
2,3 DIORITE AND FELSIC DYKES
1 SCHIST AND GNEISS
SYMBOLS
SECTION LINE
PACK TRAIL
epidoterich
HOUSE
Oro Grande Mine
JEEP TRAIL
2600
2810
3767
3064 X
2541 X
SCALE = 1:2500
500 M
Plate 5 of 12

ORO GRANDE PROPERTY
(GLOBAL PLATINUM & GOLD INC)
ARIZONA, YAVAPAI COUNTY
R 4W,5W / T.8N
OUTCROP GEOLOGY

MAP 2B	DATE: SEPT 1990	GEOLOGY By P.FISCHER



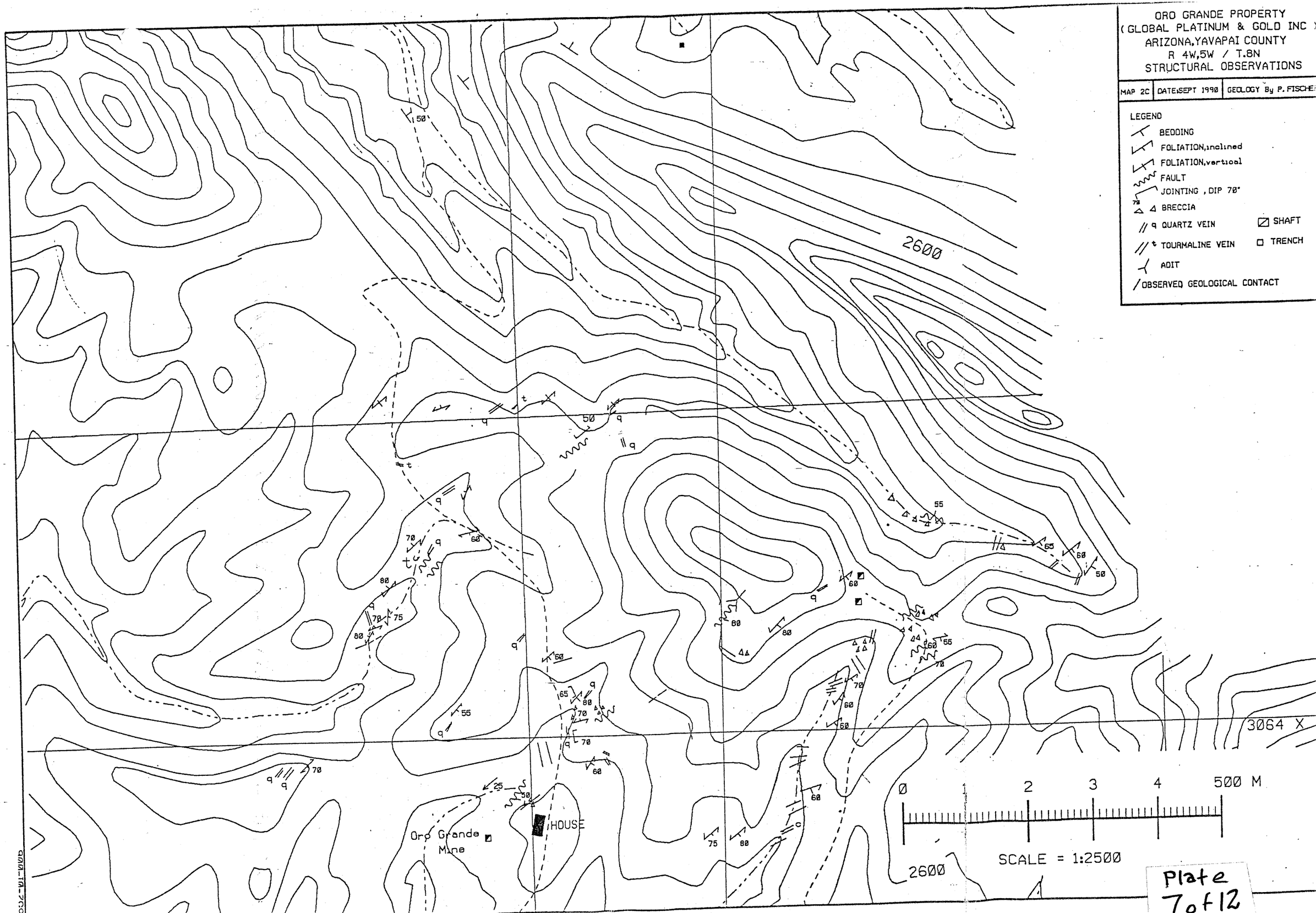
LEGEND

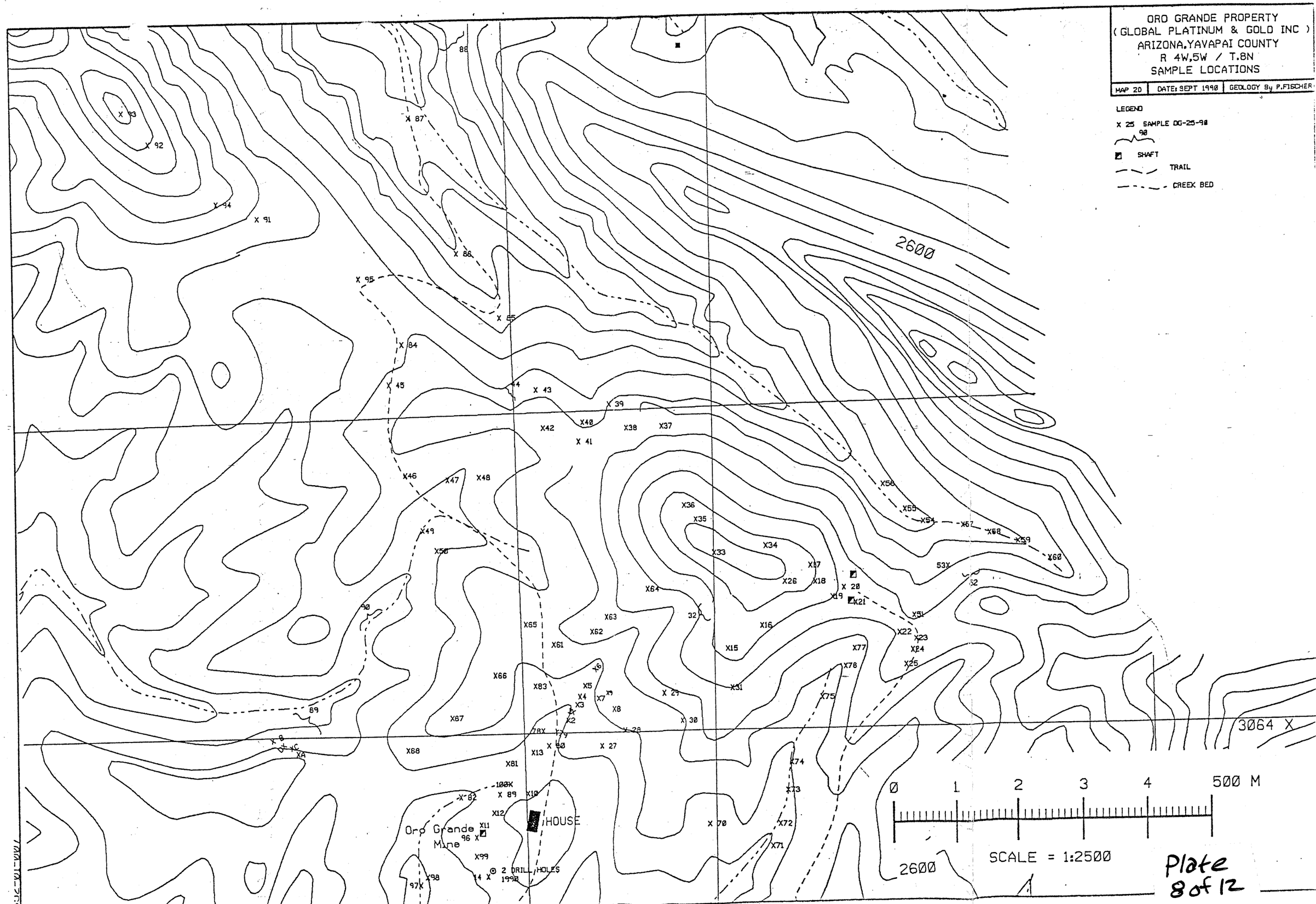
TERTIARY	14	LAVA
	13	TUFF
	12	SANDSTONE
PRECAMBRIAN	11	TOURMALINE VEIN
	10	QUARTZ VEIN
	9	RED DIORITE BRECCIA, LOCALLY HETERO-LITHOLOGIC FRAGMENT POPULATION 9a BRECCIA WITH MATRIX OF QUARTZ, CARBONATE, PYRITE (LIMONITE) 9b STOCKWORK IN DIORITE, QUARTZ-CARBONATE-PYRITE
	7	QUARTZ DIORITE PORPHYRY
	6	FELSIC DYKES (APLITIC)
	5	HORNBLENDITE 5a ULTRAMAFIC HORNBLENDITE 5b FELDSPATHIC HORNBLENDITE
	4	ULTRAMAFIC CHLORITE-AMPHIBOLE SCHIST
	3	DIORITE, HORNBLENDE GABBRO W/ INCLUSIONS
	2	DIORITE, HORNBLENDE GABBRO, MINOR LEUCO-DIORITE
	1	AMPHIBOLE GNEISS, 'SCHIST' COMPOSITION MAFIC (MINOR INTERMEDIATE AND FELSIC)

SYMBOLS

- BEDDING
- FOLIATION, inclined
- FOLIATION, vertical
- FAULT
- JOINTING, DIP 70°
- BRECCIA
- QUARTZ VEIN
- SHAFT
- TOURMALINE
- TRENCH
- SUBCROP
- ADIT
- INCLUSIONS
- CREEK BED
- OUTCROP
- ROAD OR TRAIL
- OBSERVED GEOLOGICAL CONTACT
- INTERPRETED GEOLOGICAL CONTACT

Plate 6 of 12


ORO GRANDE PROPERTY
(GLOBAL PLATINUM & GOLD INC)
ARIZONA,YAVAPAI COUNTY
R 4W,5W / T.8N
STRUCTURAL OBSERVATIONS
MAP 2C
DATE:SEPT 1990
GEOLOGY By P. FISCHE
LEGEND
BEDDING
FOLIATION,inclined
FOLIATION,vertical
FAULT
JOINTING , DIP 70°
BRECCIA
QUARTZ VEIN
SHAFT
TOURMALINE VEIN
TRENCH
ADIT
OBSERVED GEOLOGICAL CONTACT
2600
3064 X
HOUSE
Oro Grande Mine
0 1 2 3 4 500 M
SCALE = 1:2500
Plate 7 of 12


ORO GRANDE PROPERTY
(GLOBAL PLATINUM & GOLD INC)
ARIZONA,YAVAPAI COUNTY
R 4W,5W / T.8N
SAMPLE LOCATIONS
MAP 20
DATE: SEPT 1990
GEOLOGY By P.FISCHER
LEGEND
X 25 SAMPLE DG-25-90
SHAFT
TRAIL
CREEK BED
2600
3064 X
HOUSE
Oro Grande Mine
2 DRILL HOLES 1990
0 1 2 3 4 500 M
SCALE = 1:2500
Plate 8 of 12

WEAVER CREEK PROPERTY
(GLOBAL PLATINUM & GOLD INC)
FLORES & SAM POWELL PEAK QUADRANGELES
ARIZONA, YAVAPAI COUNTY
SAMPLE LOCATION MAP

MAP 3A	DATE: SEPT 1990	GEOLOGY By P.FISCHER

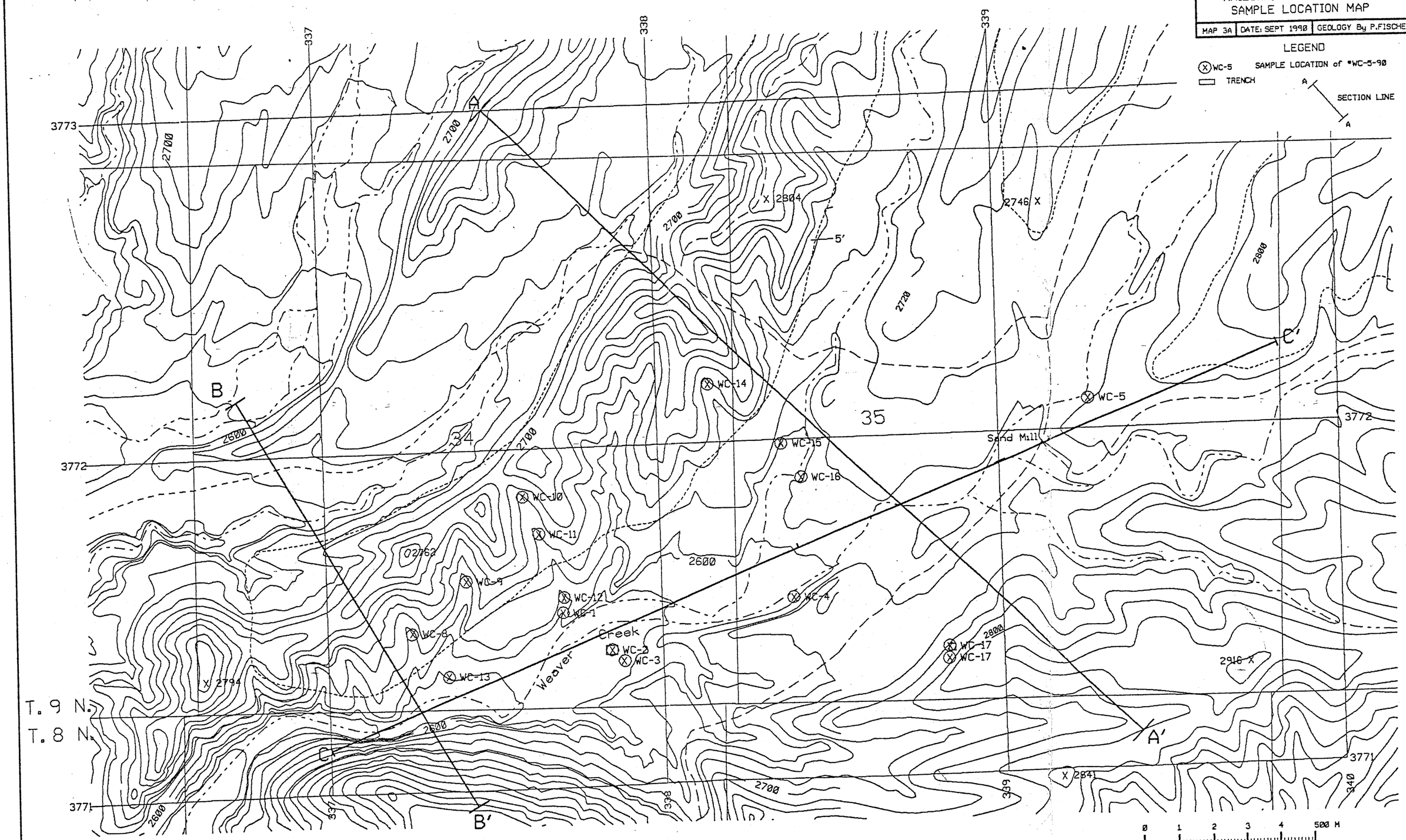


Plate 9 of 12

WEAVER CREEK PROPERTY
(GLOBAL PLATINUM & GOLD INC)
FLORES & SAN. POWELL PEAK QUADRANGELES
ARIZONA, YAVAPAI COUNTY
INTERPRETED QUARTERNARY GEOLOGY

MAP 3B	DATE: SEPT 1990	GEOLOGY By P.FISCHER

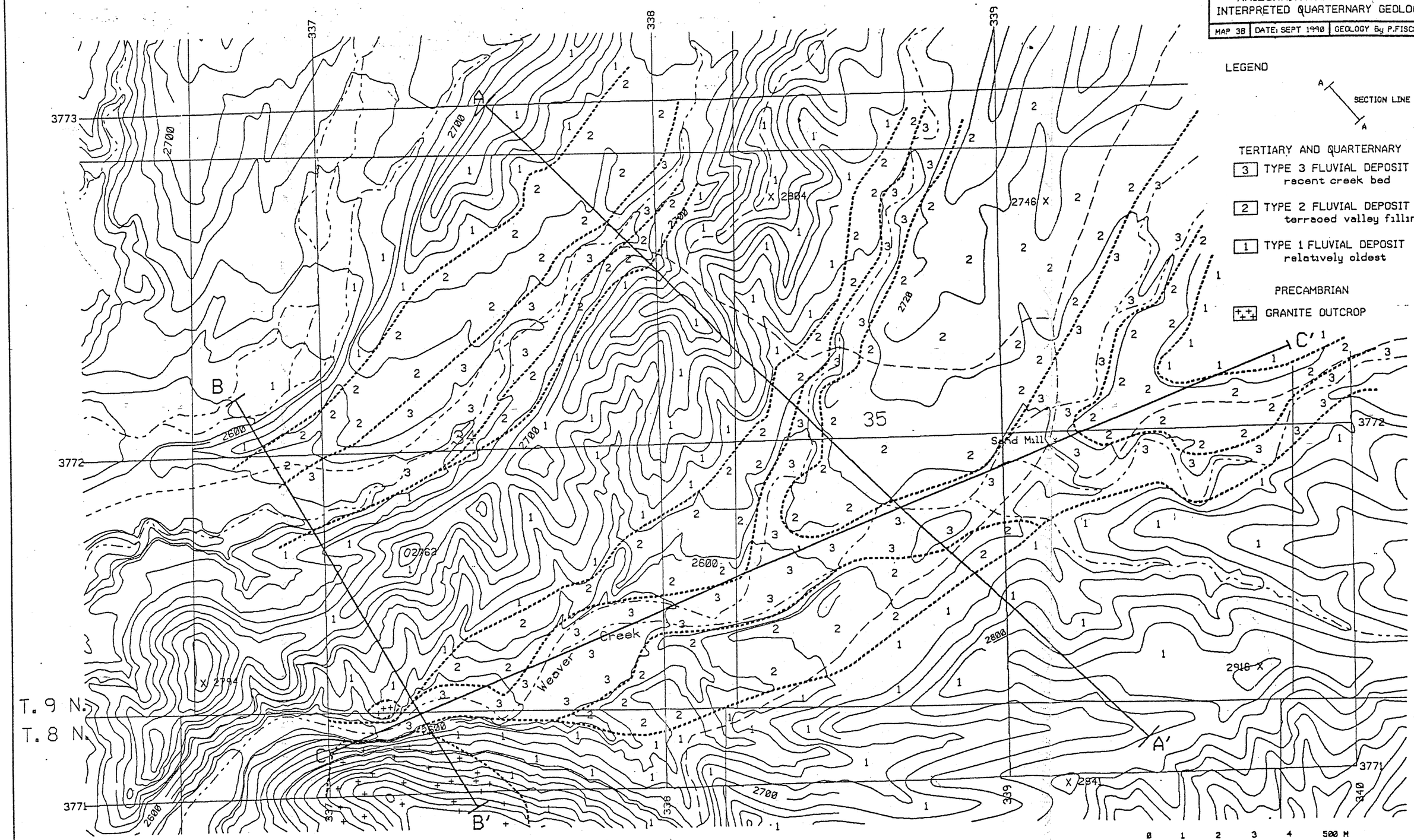
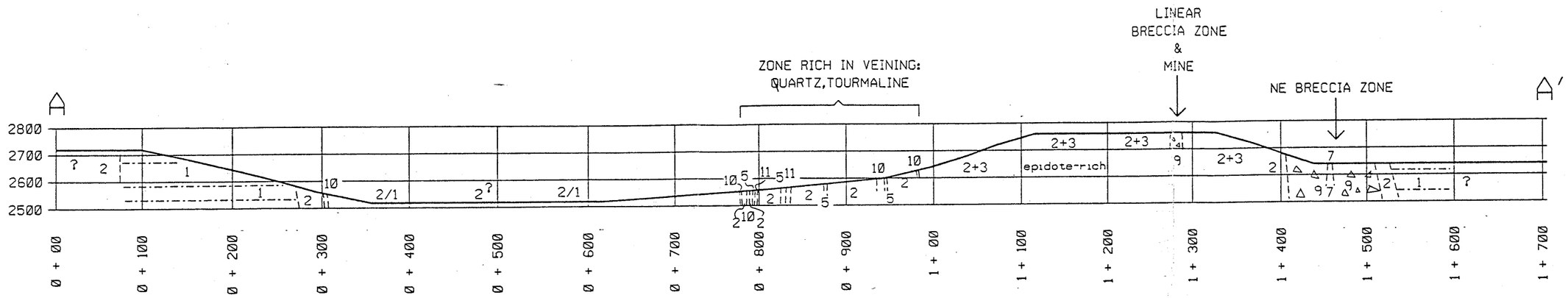
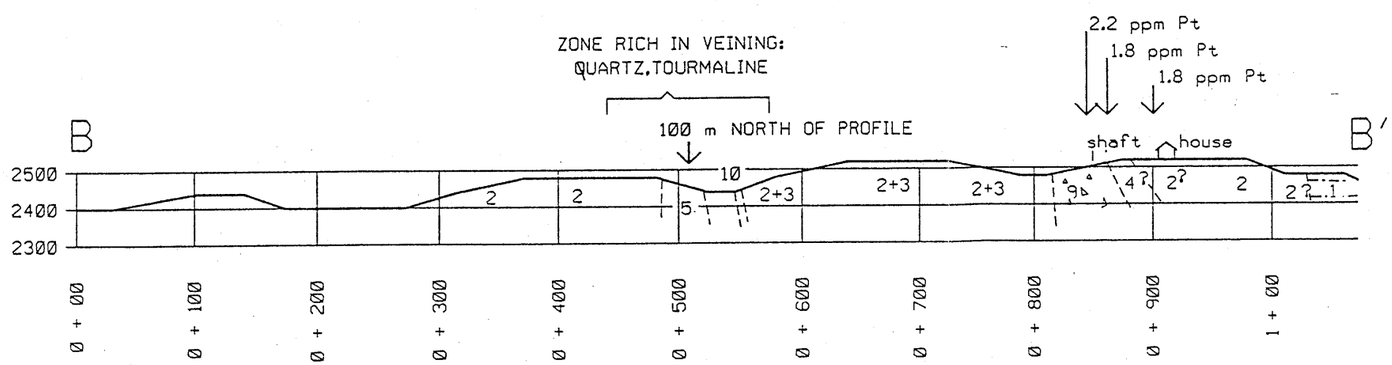


Plate
10 of 12

2652-01-00011



SECTION A-A



SECTION B-B

Plate 11 of 12

0 50 100 200 M

Horizontal - METRES
Vertical elevation - FEET

NOTE: Rock types within 100 m of section line are shown.
SYMBOLS: 2.2 ppm Pt = approximate location of samples.

Legend

PRECAMBRIAN	11	TOURMALINE VEIN
	10	QUARTZ VEIN
	9	BRECCIA
	7	QUARTZ DIORITE PORPHYRY
	4,5	ULTRAMAFIC
	2,3	DIORITE AND FELSIC DYKES
	1	SCHIST AND GNEISS

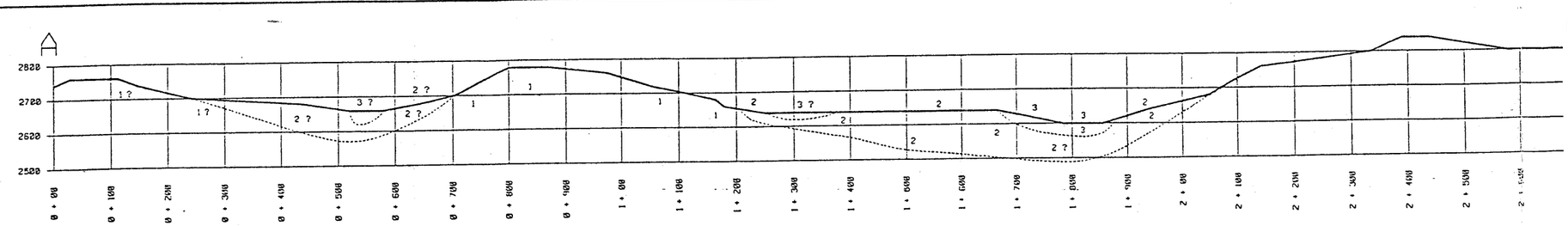
ORO GRANDE PROPERTY
(GLOBAL PLATINUM & GOLD INC)
FLORES & SAM POWELL PEAK QUADRANGELES
ARIZONA, YAVAPAI COUNTY
SIMPLIFIED CROSS SECTIONS A-A', B-B'

SECTION 1	DATE: SEPT 1990	GEOLOGY By P.FISCHER

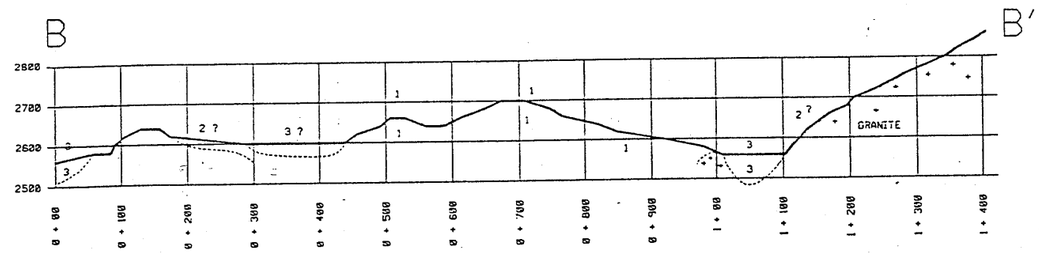
FIGURE 5 PAGE 14

2652-01-004

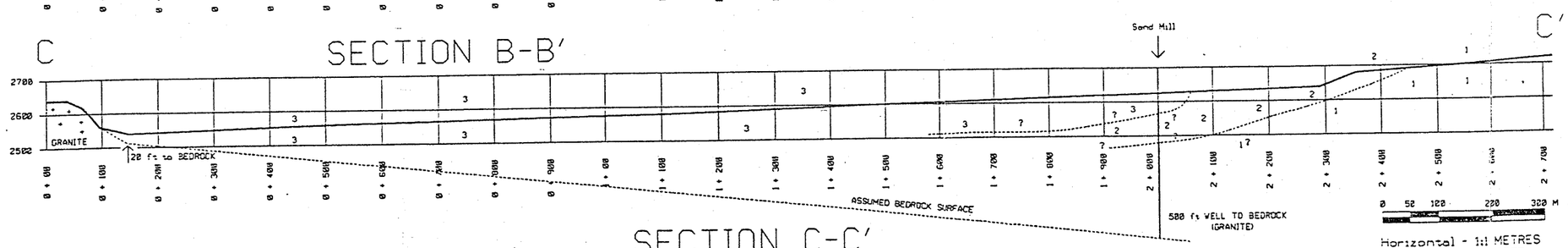
1991 10:21 [MOXAM] requested from YAX



SECTION A-A'



SECTION B-B'



SECTION C-C'

TERTIARY AND QUARTERNARY

- 3 TYPE 3 FLUVIAL DEPOSIT recent creek bed
- 2 TYPE 2 FLUVIAL DEPOSIT terraced valley filling
- 1 TYPE 1 FLUVIAL DEPOSIT relatively oldest

PRECAMBRIAN

- GRANITE OUTCROP

WEAVER CREEK PROPERTY
(GLOBAL PLATINUM & GOLD INC)
FLORES & SAM POWELL PEAK QUADRANGELES
ARIZONA, YAVAPAI COUNTY
PROFILES A-A', B-B', C-C'

SECTION 2 | DATE: SEPT 1990 | GEOLOGY By P.FISCHER

Plate 12 of 12

-JAN-1991 13:03 [MOXAM] requested from VAX
2652-01-009