884687
Kutcho Creek

TABLE 1 — Metal Content of Gossan and Ferricrete

Metal	Kutcho Zone massive sulphides	Kutcho Zone indigenous gossan	Kutcho Zone ferricrete	Distal footwall indigenous gossan and ferricrete
Cu	1.70%	830-881	456	119-1750
Zn	2.40%	1220	4540	45-96
Pb	400-800	536-710	332	80-106
Cd	90-120	3	--	--
As	100-1220	280-305	315	254-373
Bi	30-200	13	--	--
Sb	10-300	11-26	26	37-50
Se	100-200	30	--	--
Sn	10-20	3	--	--
Co	100	2	--	--
Mo	50-100	292-520	53	38-48
Ag	27-41	5.8-28.0	0.0	0.1-1.3
Au	0.2-0.9	0.28-0.31	0.03	0.03-0.14
Hg	4.1-7.0	1.8	--	0.06-0.14

T

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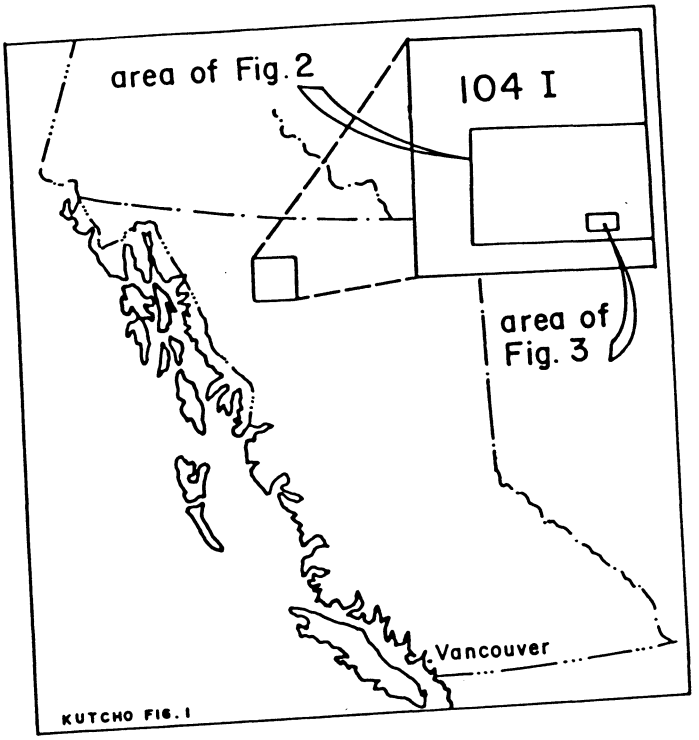
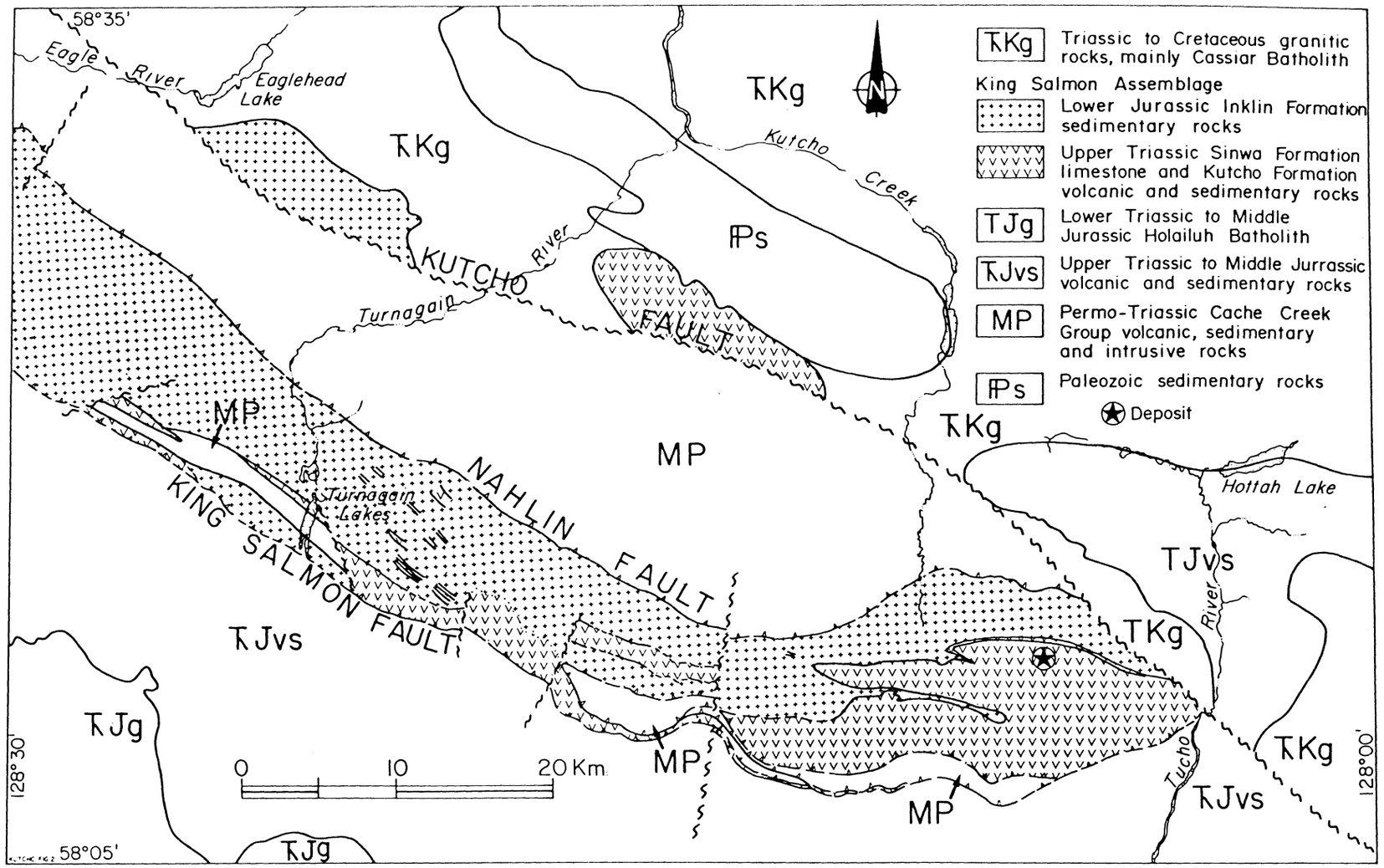
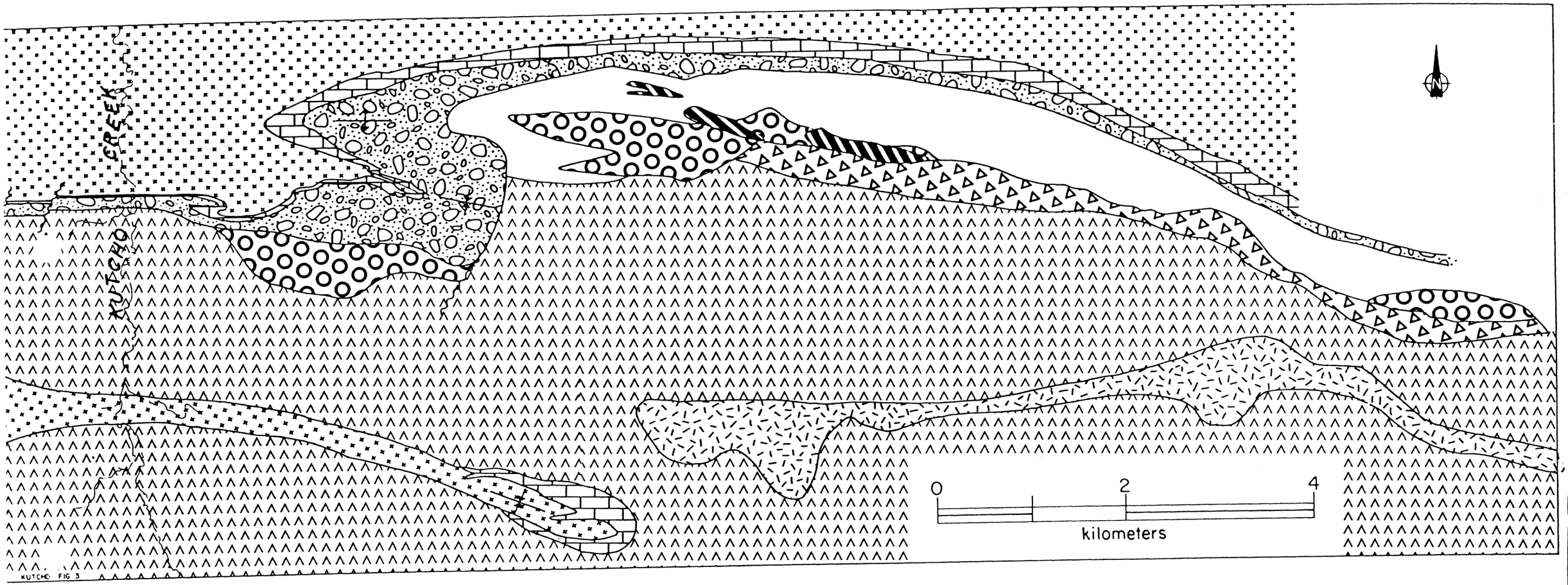
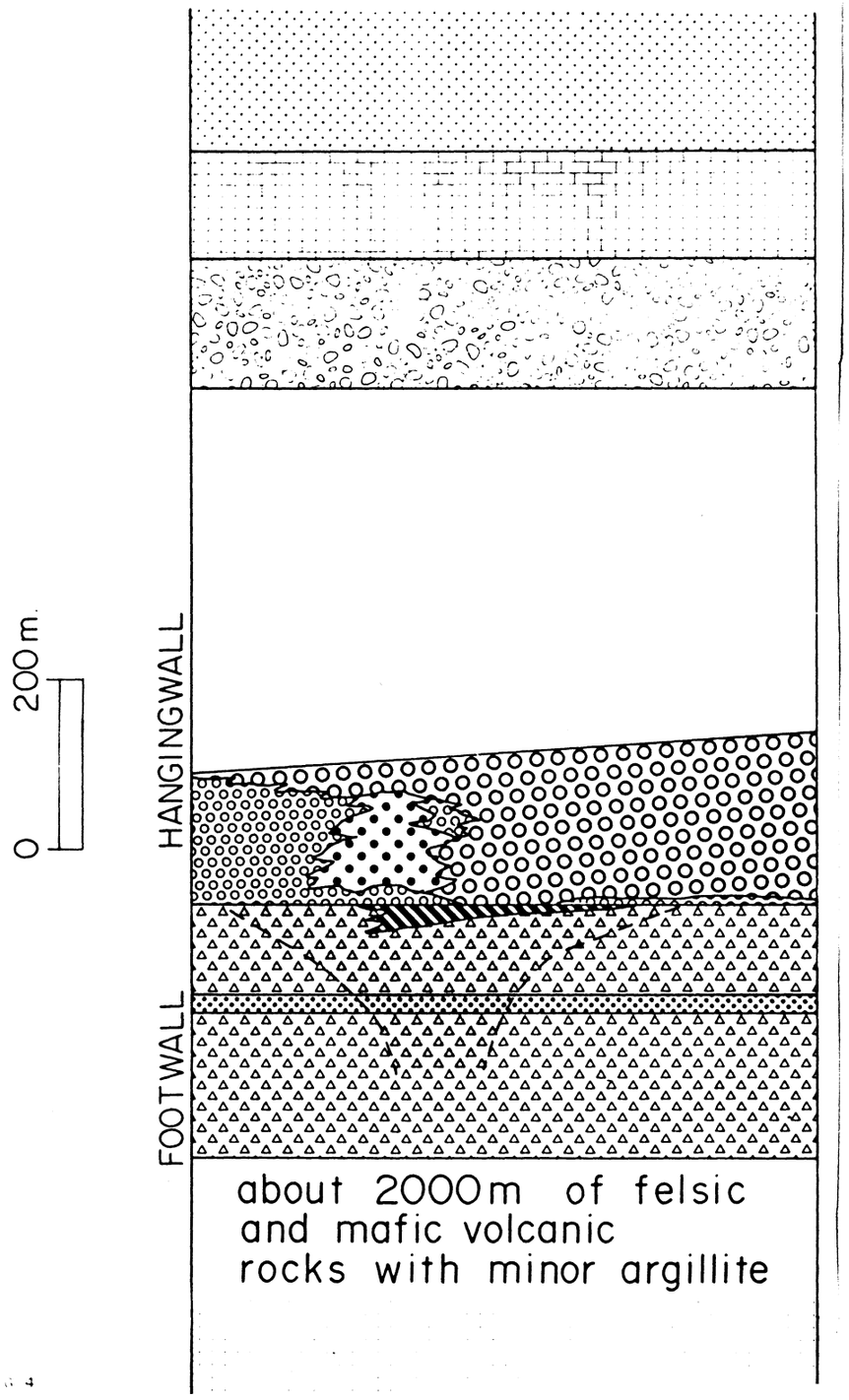


KUTCHO FIG. 1


58°35'
Eagle River
Eaglehead Lake
TKg
TKg
Kutcho Creek
PPs
KUTCHO FAULT
River
Turnagain
MP
MP
Turnagain Lakes
NAHLIN FAULT
KING SALMON FAULT
TJvs
TJg
TKg
Hottah Lake
TJvs
TKg
River
Tucho
TKg
TJvs
MP
MP
0
10
20 Km.
128° 30'
128°00'
58°05'
TJg
TKg Triassic to Cretaceous granitic rocks, mainly Cassiar Batholith
King Salmon Assemblage
Lower Jurassic Inklin Formation sedimentary rocks
Upper Triassic Sinwa Formation limestone and Kutcho Formation volcanic and sedimentary rocks
TJg Lower Triassic to Middle Jurassic Holailuh Batholith
TJvs Upper Triassic to Middle Jurrassic volcanic and sedimentary rocks
MP Permo-Triassic Cache Creek Group volcanic, sedimentary and intrusive rocks
PPs Paleozoic sedimentary rocks
Deposit



KUTCHO FIG 3



Lower Jurassic

Inklin Formation

Upper Triassic

Sinwa Formation

Kutcho Formation

Conglomerate

Tuff-Argillite Unit and Mafic Rocks

Mafic Rocks

Felsic Lapilli Crystal Tuff (LCT)

Felsic Quartz-Feldspar Crystal Tuff (QFCT)

Massive Sulphides

Felsic Lapilli Tuff (LT)

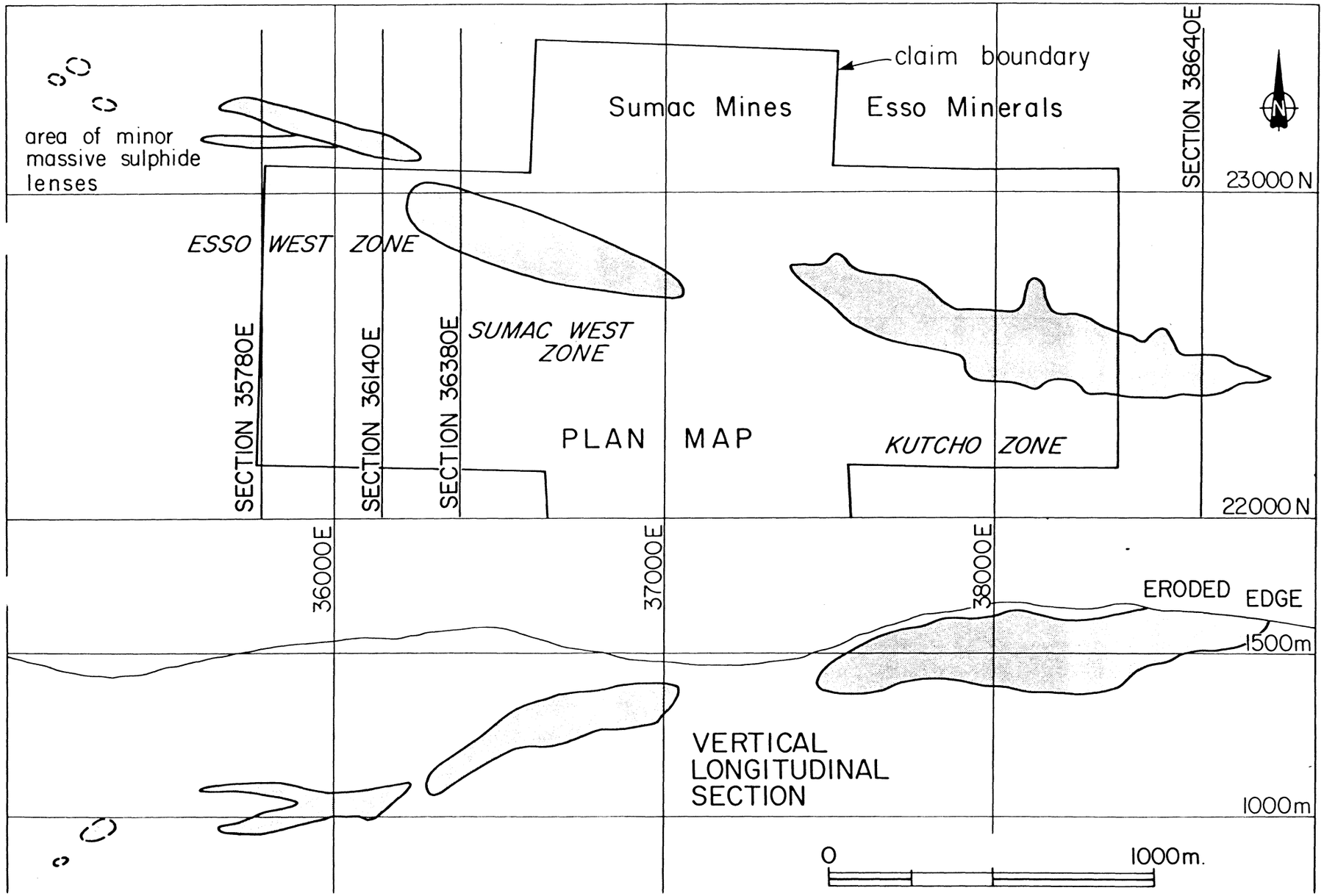
Mafic Ash Tuff

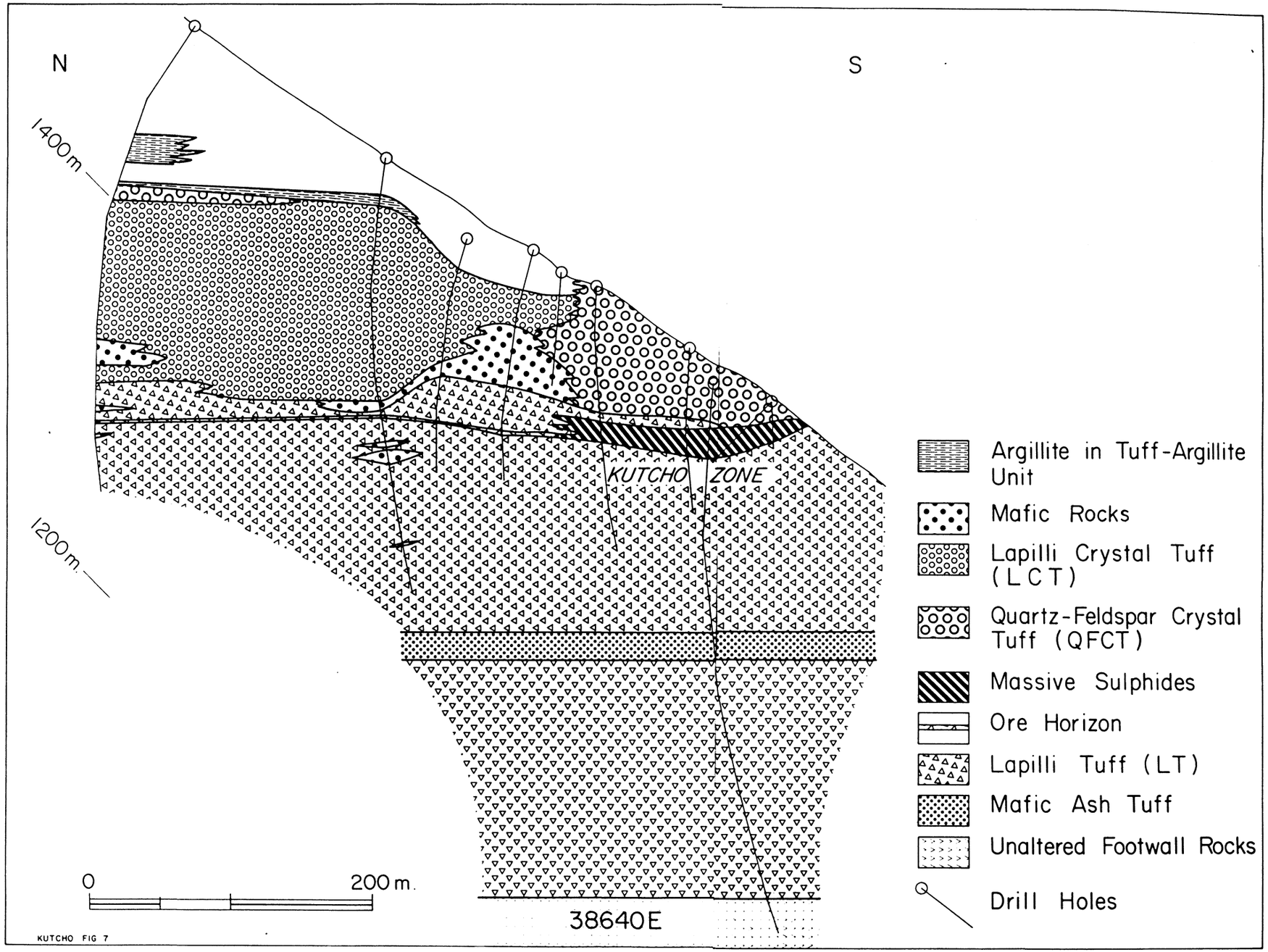
Undivided Footwall Volcanic Rocks

Possible Synvolcanic Intrusive Rock

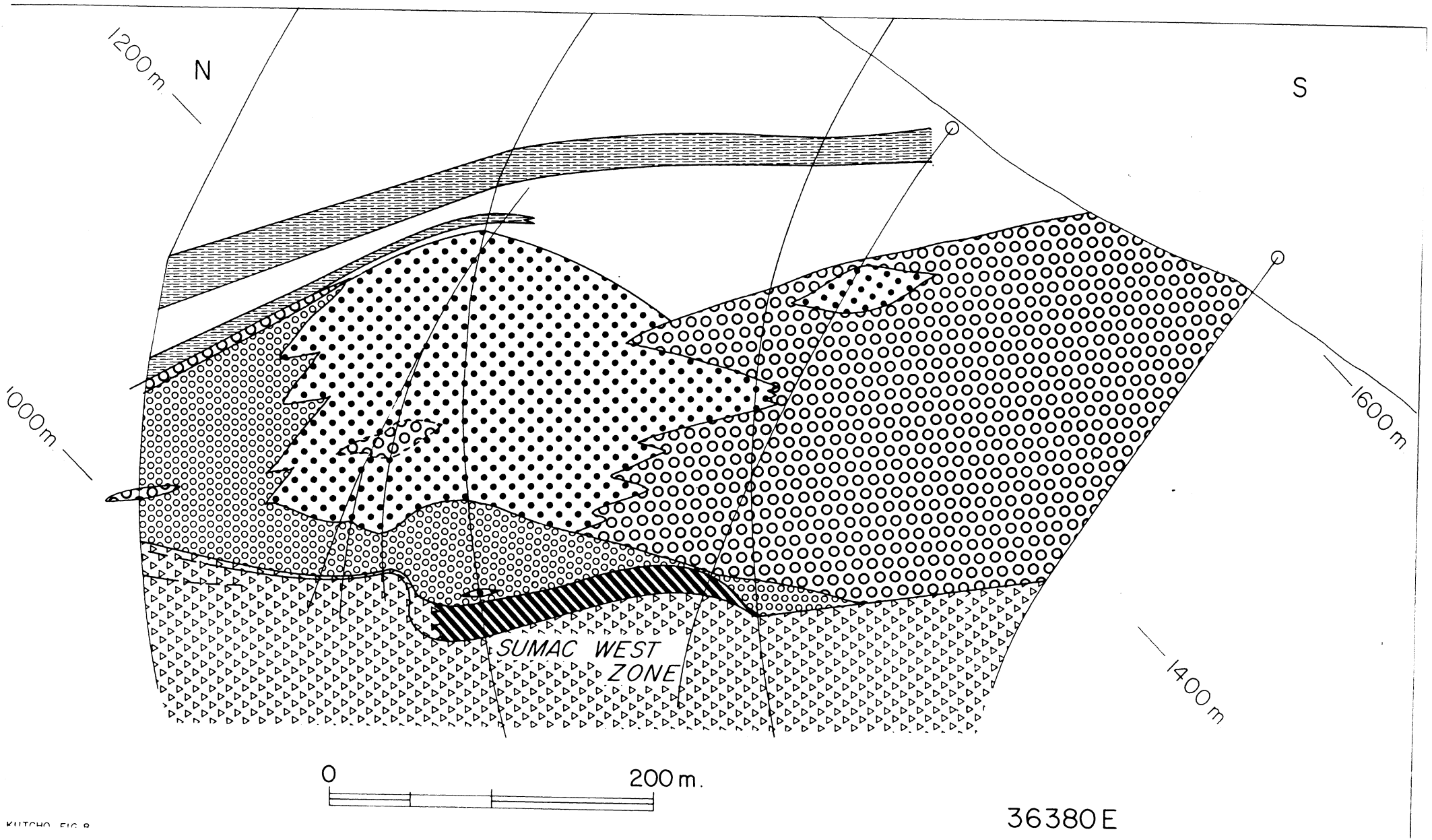
Disseminated Footwall Pyrite

KUTCHO FIG. 4

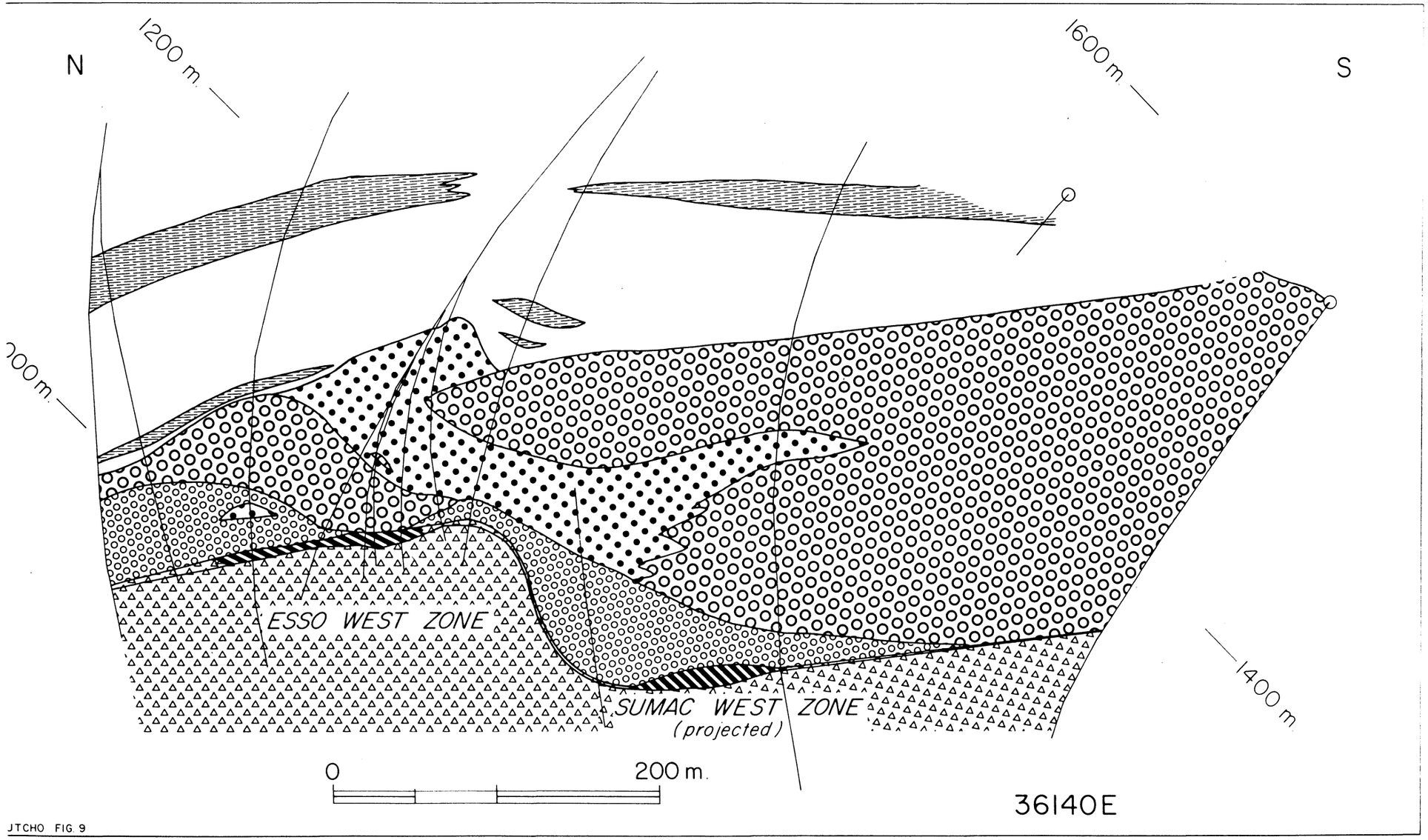

claim boundary
Sumac Mines
Esso Minerals
SECTION 38640E
N
area of minor massive sulphide lenses
23000 N
ESSO WEST ZONE
SUMAC WEST ZONE
SECTION 35780E
SECTION 36140E
SECTION 36380E
PLAN MAP
KUTCHO ZONE
22000 N
36000E
37000E
38000E
ERODED EDGE
1500m
VERTICAL LONGITUDINAL SECTION
1000m
0
1000m.


N
S
1400m
1200m
KUTCHO ZONE
0
200 m.
38640E
Argillite in Tuff-Argillite Unit
Mafic Rocks
Lapilli Crystal Tuff (LCT)
Quartz-Feldspar Crystal Tuff (QFCT)
Massive Sulphides
Ore Horizon
Lapilli Tuff (LT)
Mafic Ash Tuff
Unaltered Footwall Rocks
Drill Holes

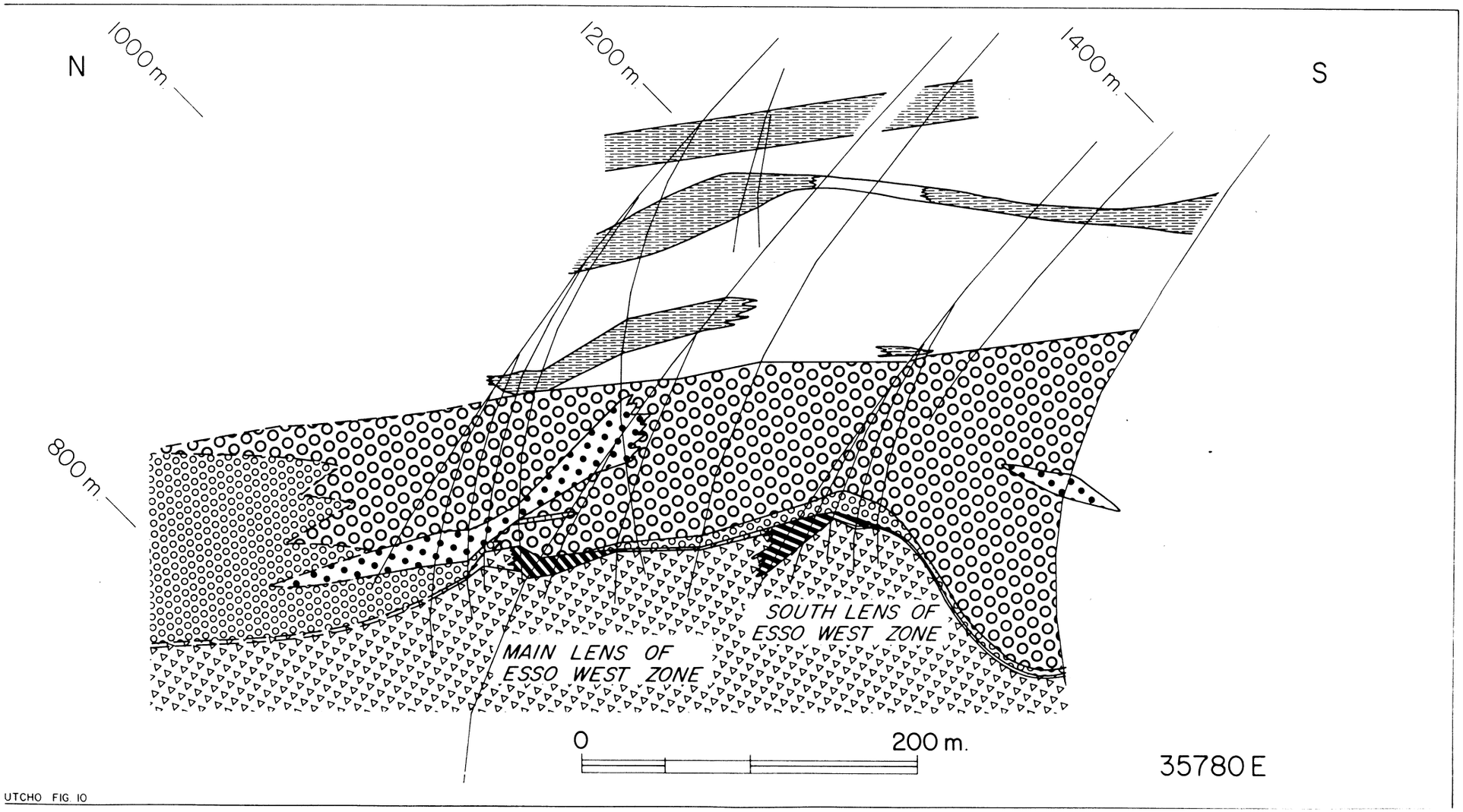
KUTCHO FIG 7



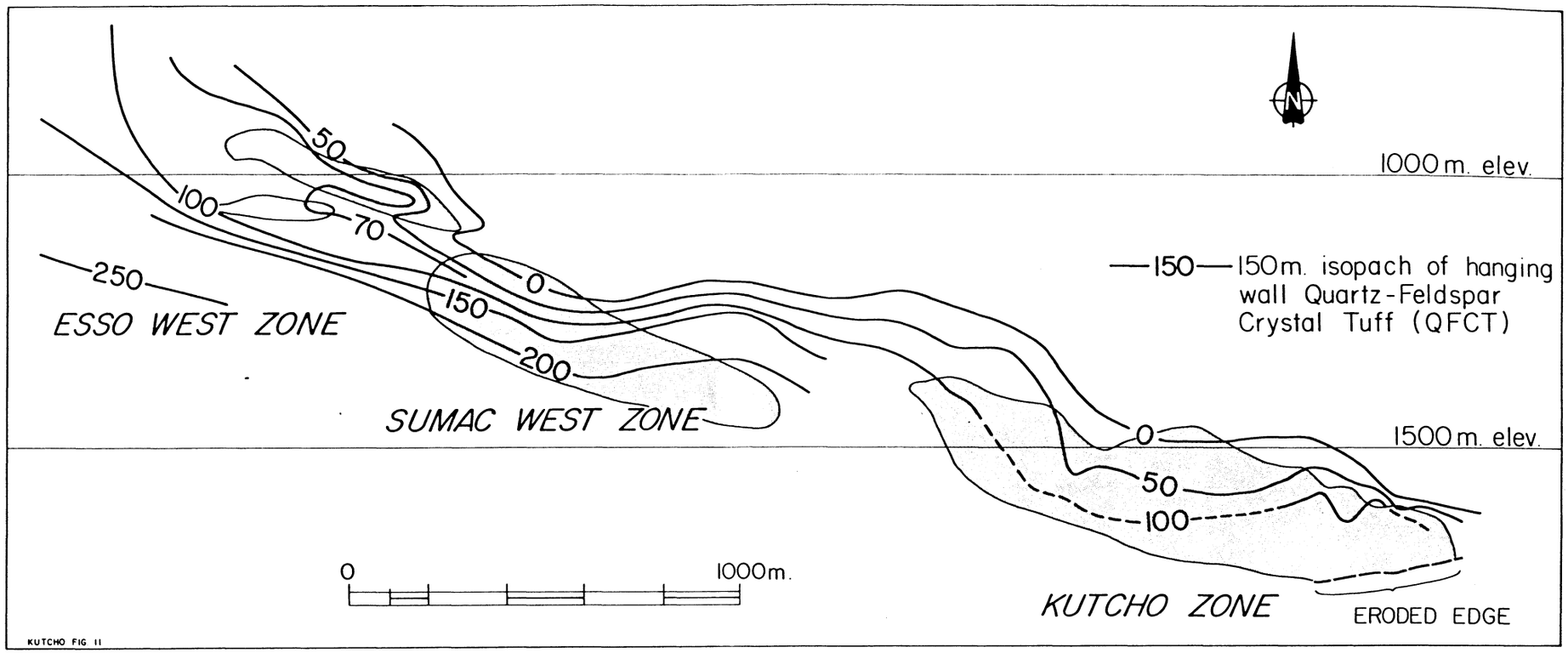
KUTCHO FIG 8

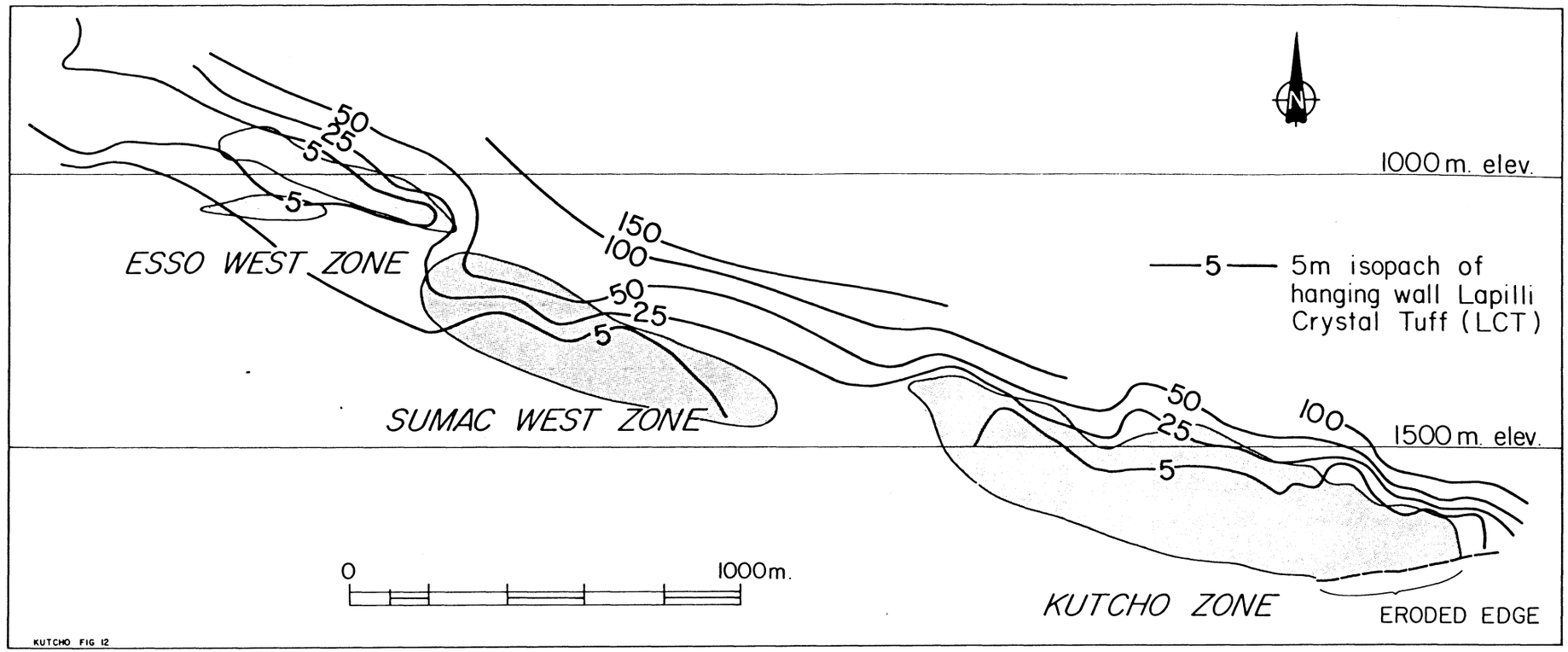

N
S
1200 m
1600 m
1400 m
ESSO WEST ZONE
SUMAC WEST ZONE
(projected)
0
200 m.
36140E

JTCHO FIG. 9

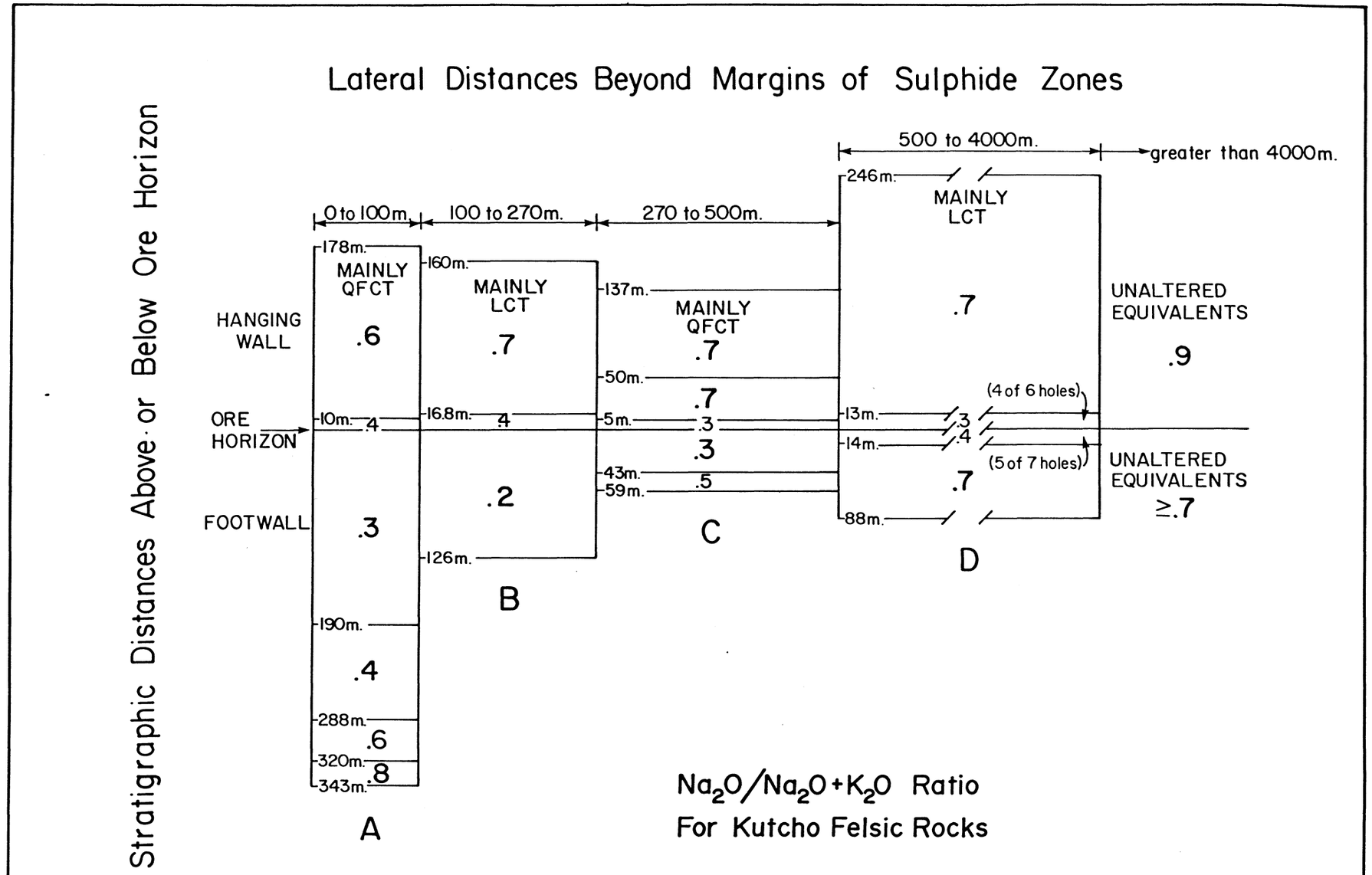

N
S
1000 m.
1200 m.
1400 m.
800 m.
MAIN LENS OF
ESSO WEST ZONE
SOUTH LENS OF
ESSO WEST ZONE
0
200 m.
35780 E

UTCHO FIG. 10


1000 m. elev.
1500 m. elev.
—150— 150m. isopach of hanging wall Quartz-Feldspar Crystal Tuff (QFCT)
ESSO WEST ZONE
SUMAC WEST ZONE
KUTCHO ZONE
ERODED EDGE
250
100
50
70
0
150
200
0
50
100
0
1000m.
N
KUTCHO FIG. 11



KUTCHO FIG 12



KUTCHO FIG. 13