896716

Nicola

Payco G/p.

Alleyne Lake

1963

1964 (1)

Rock Name

Locality Payco Mines Ltd. Aspen Grove

Occurrence

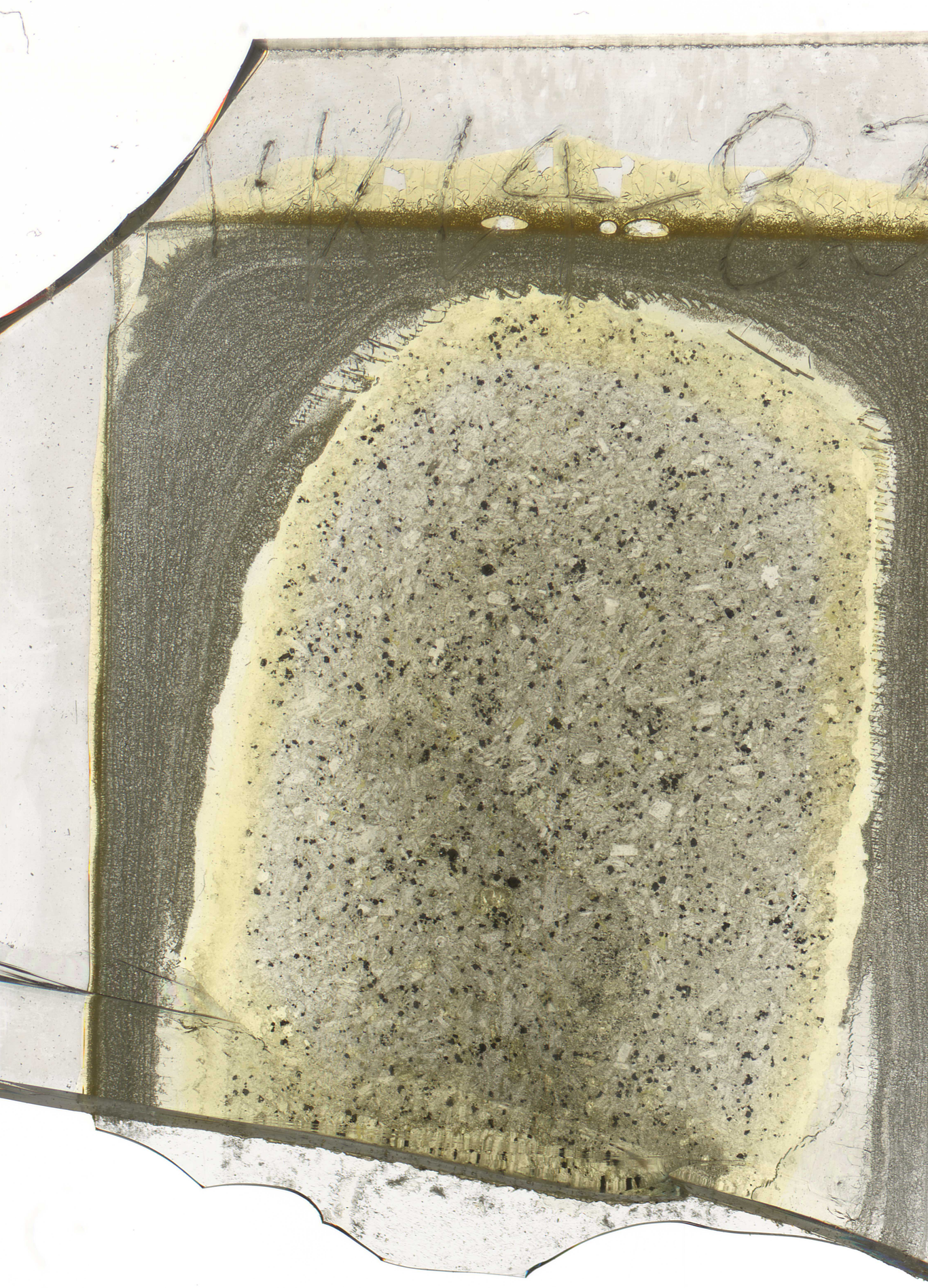
Megascopic

Microscopic

Serial No. 2734

Field No. MH-64-83

MINERALS	Approx. per Cent.	Cut on Dotted Line to Make Clip for Section	Analyst	Date



Rock Name Trachyte.

Serial No. 1830

Locality Payne M.L. Alleyne Lake.

Field No. MK63-103

Occurrence dd. core.

Megascopic

Microscopic chiefly plag. phenos, 3mod. strongly serialized. Orthoclase replaces cores of plag. and also occurs as interstitial grains. Calcite as interstitial grains. Orthoclase fresh. Scapolite as scattered grains.

MINERALS	Approx. per Cent.	Cut on Dotted Line to Make Clip for Section	Analyst JWM.	Date 30/1/64
plagioclase Ab86 An14	70%			
orthoclase				
calcite				
biotite				
clinopyroxene				
scapolite ?				
hornblende				
black opaque - hematite.				

Rock Name basalt.

Serial No. 1829

Locality Payne M.L. Alleyne Lake

Field No. MK63-101

Occurrence dd core

Megascopic

Microscopic coarse ? plag. replaced by albite; plag. alt. to sericite, chlorite. Calcite as interst. grains.

MINERALS	Approx. per Cent.	Cut on Dotted Line to Make Clip for Section	Analyst	Date
plagioclase Saussurite clinopyroxene calcite black opaque			MDM.	30/4/64



Rock Name alt'd andesite

Locality Payne M.L. Alleyne Lake

Occurrence dd. core

Megascopic

Microscopic

Serial No. 1828

Field No. MK 63-97

MINERALS	Approx. per Cent.	Cut on Dotted Line to Make Clip for Section	Analyst	Date
plagioclase Saussurite clinopyroxene			Hdm.	30/1/64

Rock Name alt'd andesite

Locality Payez Mt., Alleyne Lake.

Occurrence d.d. core.

Megascopic

Microscopic clinopx. replaced by albite)

Serial No. 1827

Field No. MK63-92

MINERALS	Approx. per Cent.	Cut on Dotted Line to Make Clip for Section	Analyst	Date
plagioclase orthoclase calcite sanidine clinopyroxene				



Rock Name Alt^d andesite, fract^d

Serial No. 1779

Locality Payco Mines Ltd., Alkeyne Lake, Aspen Grove

Field No. MMK63-88

Occurrence

Megascopic

Microscopic clinopyroxene (?) almost wholly replaced by epidote
epidote is in clusters & wispy bands; matrix
of rock is fragmented

MINERALS	Approx. per Cent.	Cut on Dotted Line to Make Clip for Section	Analyst Dixon.	Date 27/4/64
plagioclase				
PG				
orthoclase				
chlorite				
clinopyroxene (?)				
black opaque (hematite)				



Rock Name alt'd andesite; fract'd

Serial No. 1778

Locality Payco Mines, Alleyne Lake, Aspen Grove

Field No. MK63-77

Occurrence

Megascopic

Microscopic felsitic, mostly alt'd to sericite; partially replaced by orthoclase; pyroxenes alt'd to matter 2 Leuc. opidote. Plagioclase wholly replaced by Saussurite which in turn is replaced by orthoclase. Hematite tends to group with replaced pyroxene. Rock is well fract'd

MINERALS	Approx. per Cent.	Cut on Dotted Line to Make Clip for Section	Analyst	Date
plagioclase (+)			JRDM.	27/1/64
hornblende				
carbonate				
sericite				
orthoclase				
black opaque (hematite)				



Rock Name andesite

Locality Payne Mtn, Alleyne Lake. NDM

Serial No. 1832

Field No. MK 63-78

Occurrence

Megascopic

Microscopic saussuritized plag. rimmed with albite. Clinop. partially alt to brn; some alt to hematite. Sand clinop.

MINERALS	Approx. per Cent.	Cut on Dotted Line to Make Clip for Section	Analyst	Date
clinopyroxene plagioclase Saussurite orthoclase hematite			AKM.	3/3/64



Rock Name altd trachyte. Serial No. 1777

Locality Payco Mines Ltd., Alleyne Lake, Aspen Grove. Field No. MK63-73

Occurrence

Megascopic

Microscopic feldspar phens wholly altd & saussurite cores with albite rims; matrix mostly epidote; pyroxene replaced by epidote & feldspar phens. flowed around pyroxene.

MINERALS	Approx. per Cent.	Cut on Dotted Line to Make Clip for Section	Analyst	Date
plagioclase	80%.		AWDM.	27/1/64
pyroxene (+)				
epidote.				
saussurite				
hematite				



Rock Name alt'd andesite

Serial No. 1826

Locality Payco M.L. (Alleyne Lake)

Field No. MacK 63-72

Occurrence

Megascopic

Microscopic Plag. alt'd to saussurite with albite twins. Orthoclase as stringers in fract's

MINERALS	Approx. per Cent.	Cut on Dotted Line to Make Clip for Section	Analyst	Date
plagioclase orthoclase clinopyroxene saussurite			Wm.	30/4/64

M-MK63-12

