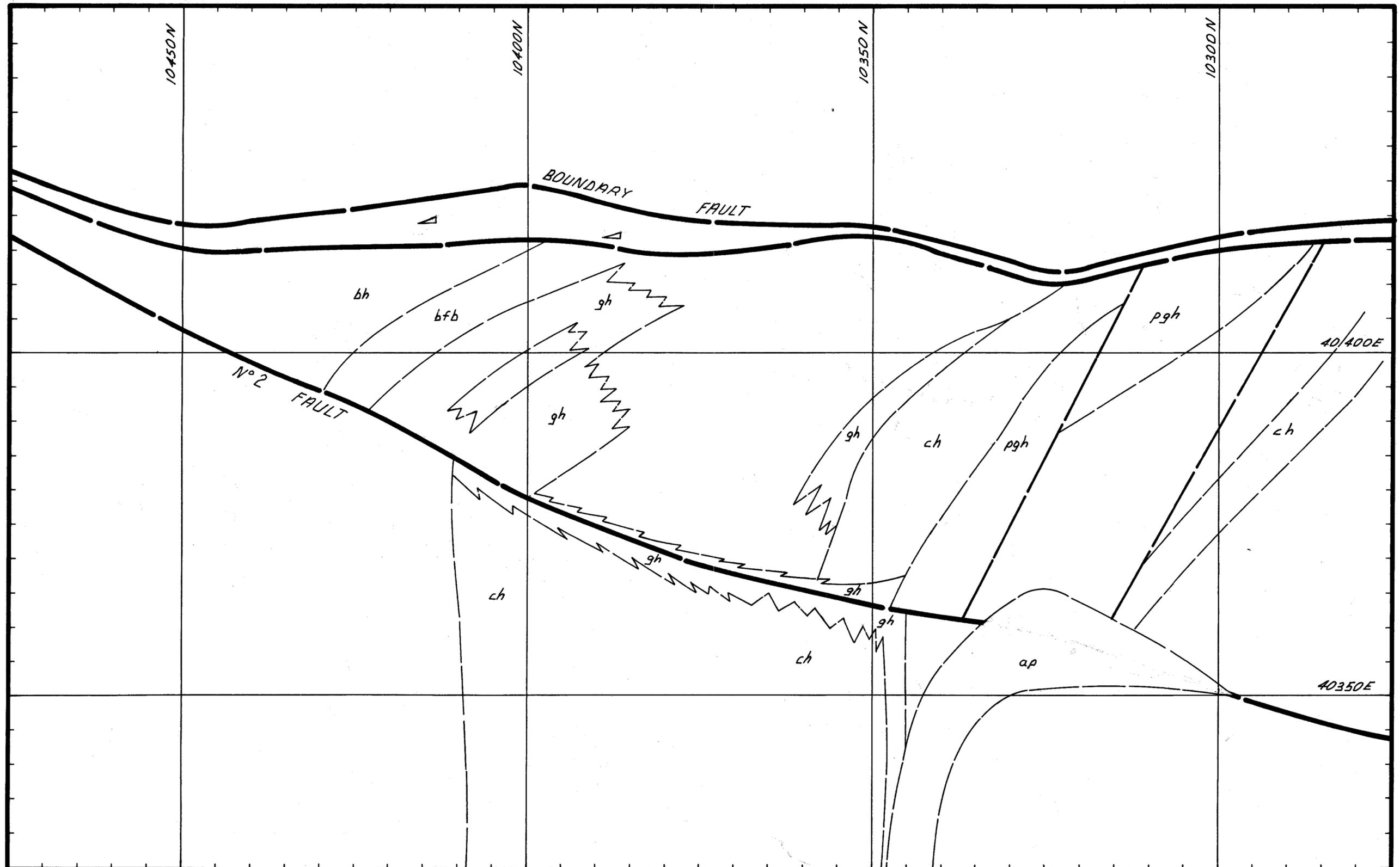
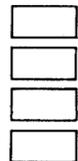


920m R.L.

27 JUN 1981

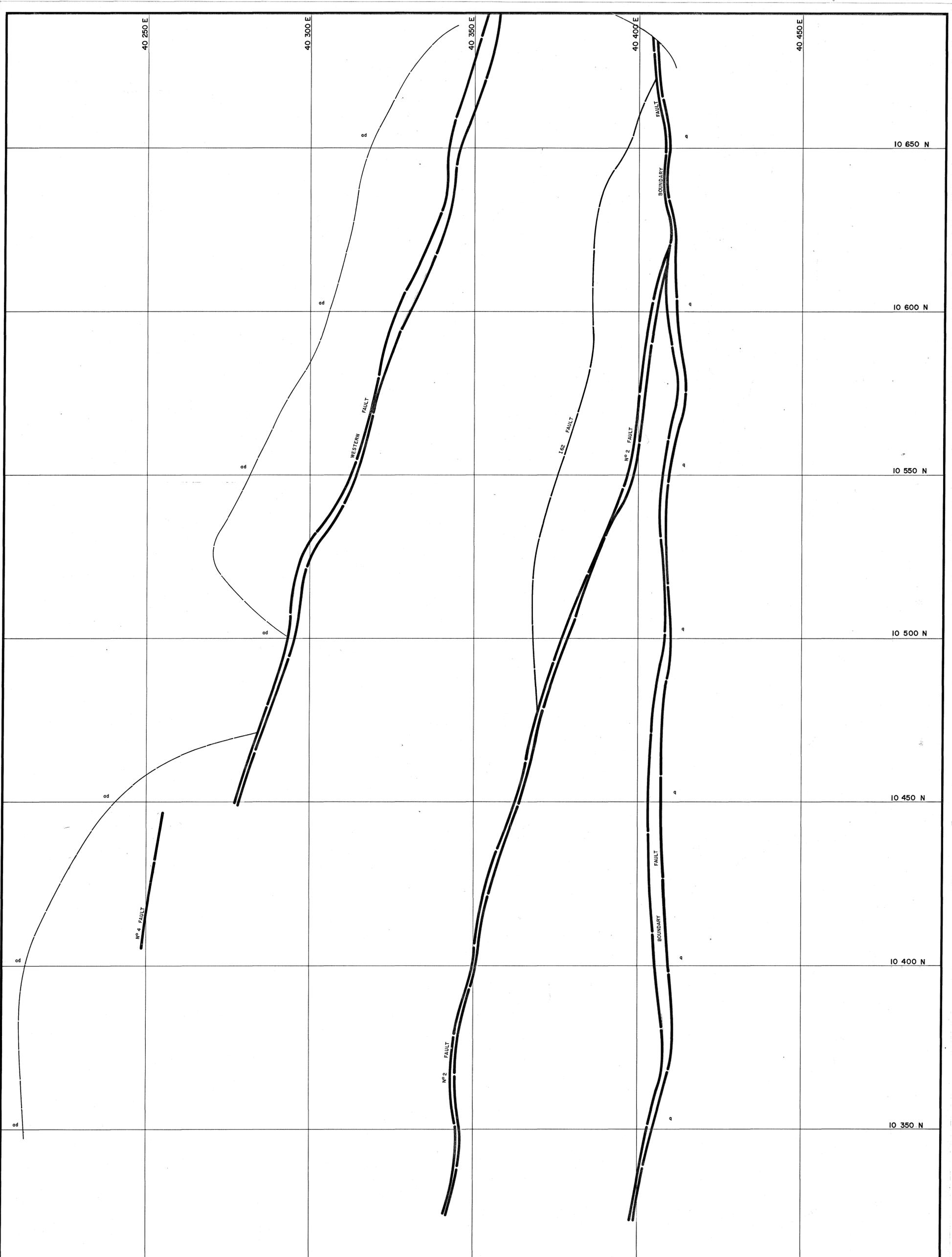


LEGEND:



DATE:
 GEOL: RES-D
 DWN: MvdS.
 CHKD:

GEOPEKO LIMITED
 KING ISLAND
 Scale: 1:500
 No K
BOLD HEAD MINE
GEOLOGICAL LEVEL PLAN
920m. R.L.



Legend:							
uv	Upper metavolcanics	pgh	Pyroxene garnet hornfels				bph
bb	Biotite hornfels	pgh(m)	Mineralized pgh (>0.30% WO ₃)	q	Quartzite	(m)	Mineralized
ph	Pyroxene hornfels	gh	Garnet skarn (>0.30% WO ₃)	ad	Adamellite	(b)	Banded
ch	Marble	bfb	Banded footwall beds	ap	Aplite	(p)	Podded
mv	Middle metavolcanics	bfb(m)	Mineralized bfb (>0.30% WO ₃)			(d)	Disturbed
						bb	Breccia

KING ISLAND SCHEELITE

No. K63-252-

BOLD HEAD OREBODY
GEOLOGICAL LEVEL PLAN
975mR.L.

DATE: _____
GEOLOGIST: R.E.S.D.
DRAWN: M.v.d.S.
CHECKED: S.G.B.

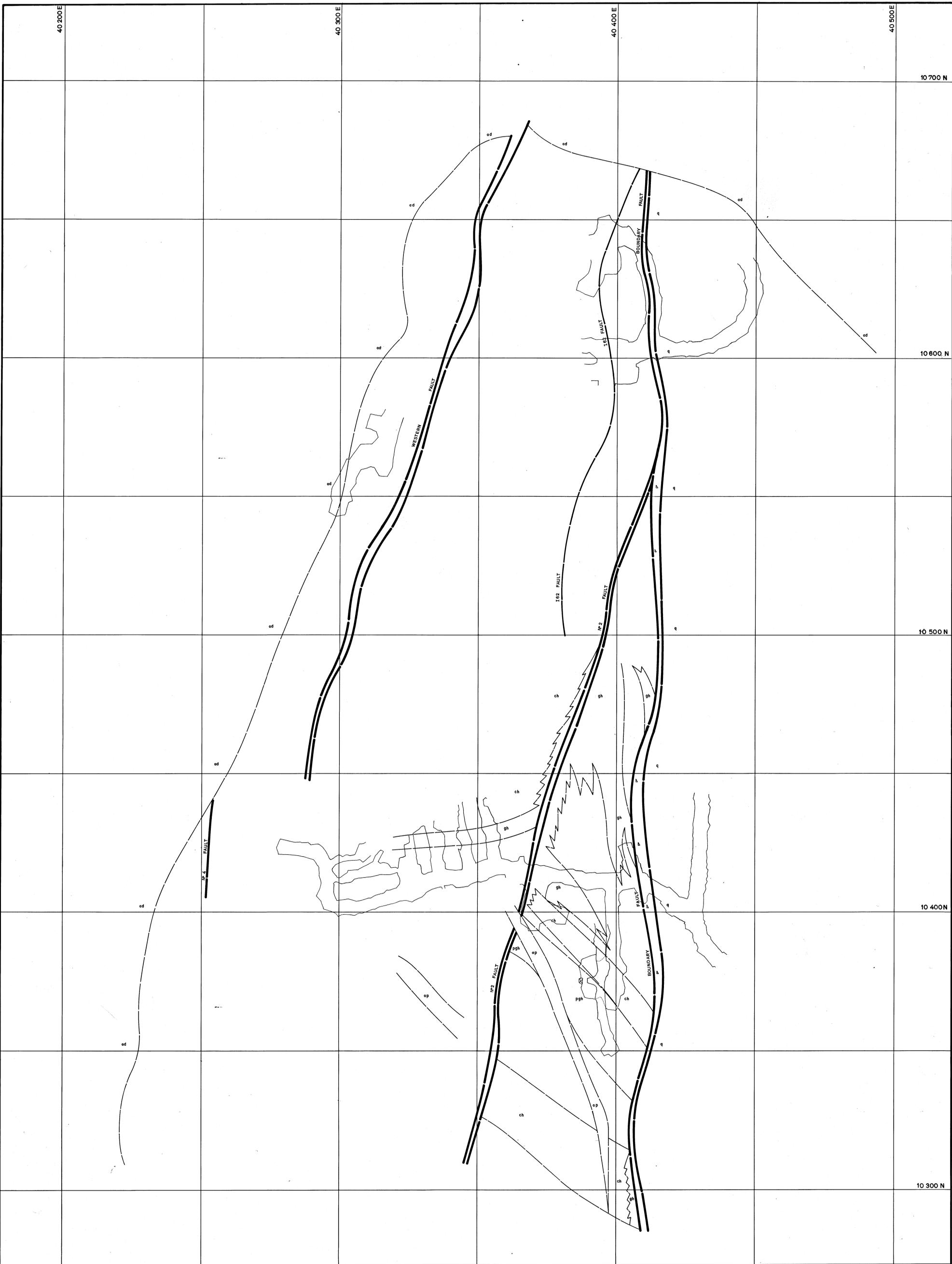


Legend:

uv Upper metavolcanics	pgh Pyroxene garnet hornfels	bph Biotite pyroxene hornfels	nc No core recovered
bh Biotite hornfels	pgh(m) Mineralized pgh (>0.30% WO ₃)	q Quartzite	(m) Mineralized
ph Pyroxene hornfels	gh Garnet skarn (>0.30% WO ₃)	ad Adamellite	(b) Banded
ch Marble	bfb Banded footwall beds	ap Aplitite	(p) Padded
mv Middle metavolcanics	bfb(m) Mineralized bfb (>0.30% WO ₃)		(d) Disturbed
			bb Breccia



KING ISLAND SCHEELITE
 No. KG3-252-
 BOLD HEAD OREBODY
 GEOLOGICAL LEVEL PLAN
 1025 m.R.L.



LEGEND:

uv	Upper metavolcanics	pgh	Pyroxene garnet hornfels	ad	Adamellite	60	Strike and dip
bh	Biotite hornfels	gh	Mineralized skarn (>0.25% WO ₃)	ap	Aplite	30	Joint, inclined
ph	Pyroxene hornfels	gh	Unmineralized skarn (<0.25% WO ₃)				Joint, vertical
ch	Marble	bh/ph	Banded footwall beds				Fault
lv	Lower metavolcanics	ch/gh	Quartzite				Fault showing relative movement
		q					Degree of uncertainty in fault position

DATE:
GEOLOGIST: RES-D
DRAWN: M.v.d.S.
CHECKED:

KING ISLAND SCHEELITE

No. K

SCALE: 1:500

BOLD HEAD MINE
GEOLOGICAL LEVEL PLAN
950 m R.L.

OPENINGS AT BACK RL'S BETWEEN 945m to 955m R.L.



LEGEND:

uv	Upper metavolcanics	pgh	Pyroxene garnet hornfels	ad	Adamellite	60	Strike and dip
bh	Biotite hornfels	gh	Mineralized skarn (>0.25% WO ₃)	ap	Aplite	55	Joint, inclined
ph	Pyroxene hornfels	gh	Unmineralized skarn (<0.25% WO ₃)				Joint, vertical
ch	Marble	bh/gh	Banded footwall beds				Fault
lv	Lower metavolcanics	ch/gh	Quartzite				Fault showing relative movement
		q	Quartzite				Degree of uncertainty in fault position

DATE: _____
 GEOLOGIST: R.E.S.-D
 DRAWN: M.v.d.S.
 CHECKED: _____

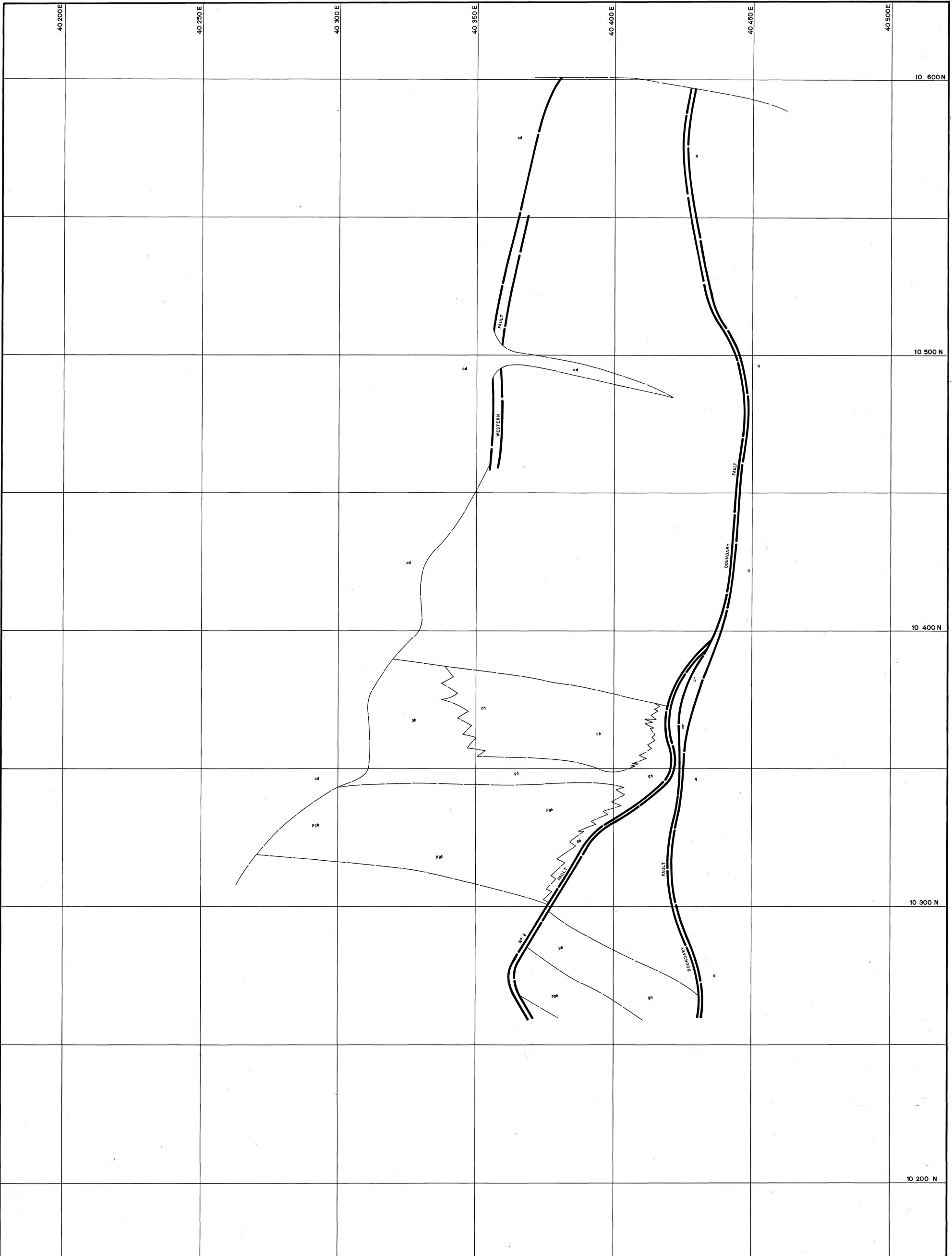
KING ISLAND SCHEELITE

No. K

SCALE: 1:500

BOLD HEAD MINE
GEOLOGICAL LEVEL PLAN
1000 m R.L.

OPENINGS AT BACK R/L'S BETWEEN 995m to 1005m R.L.



LEGEND:

uv	Upper metavolcanics	pgh	Pyroxene garnet hornfels	ad	Adomellite	60	Strike and dip
bh	Biotite hornfels	gh	Mineralized skarn (>0.25% WO ₃)	ap	Aplite	35	Joint, inclined
ph	Pyroxene hornfels	gh	Unmineralized skarn (<0.25% WO ₃)			Fault	Joint, vertical
ch	Marble	bh/gh	Banded footwall beds			Fault showing relative movement	Fault
lv	Lower metavolcanics	q	Quartzite			Fault showing uncertainty in fault position	Degree of uncertainty in fault position

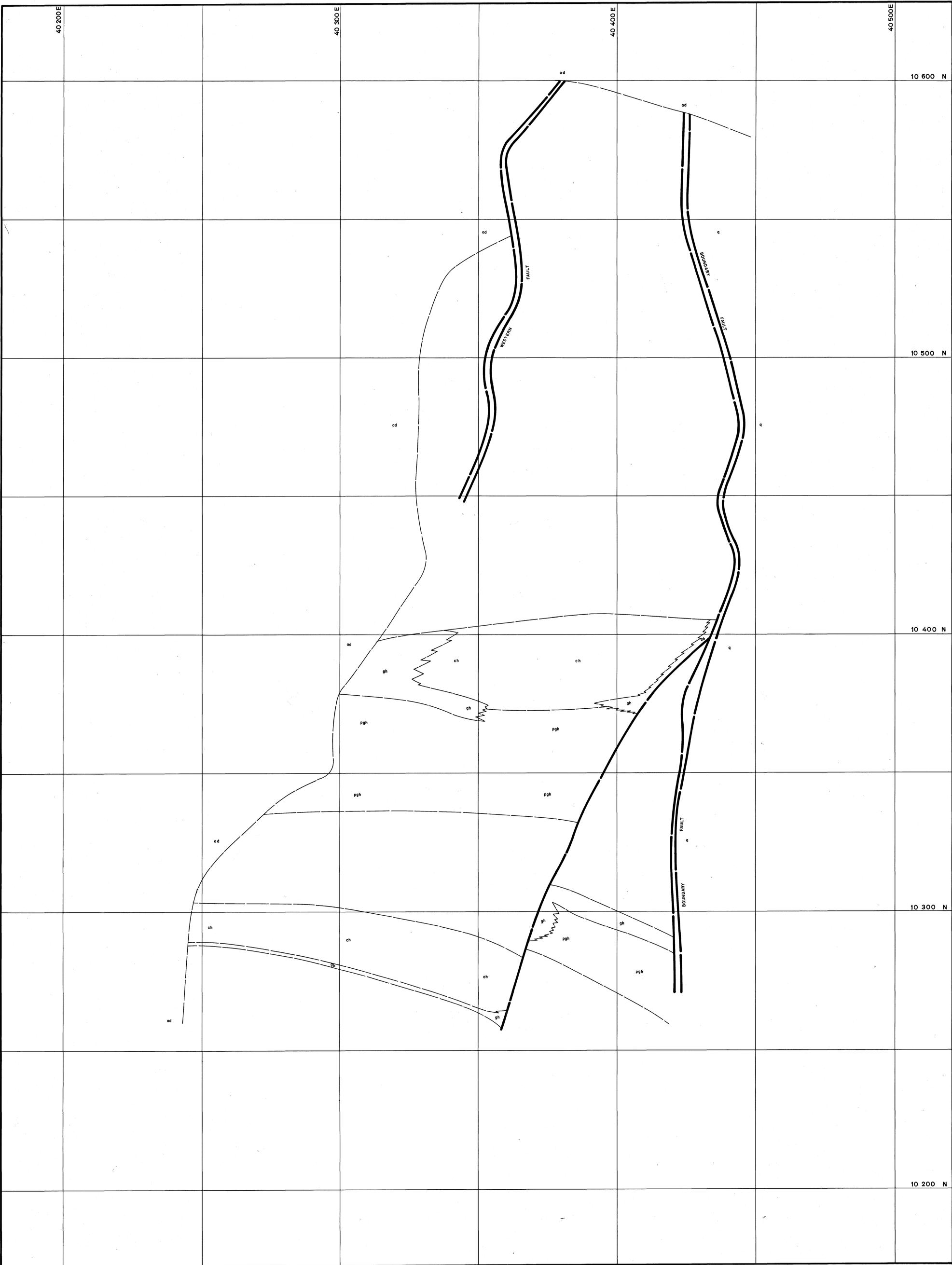
DATE: _____
 GEOLOGIST: R.E.S-D
 DRAWN: M.vdS.
 CHECKED: _____

KING ISLAND SCHEELITE

No. K

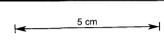
SCALE: 1:500

BOLD HEAD MINE
GEOLOGICAL LEVEL PLAN
850m R.L.



LEGEND:

uv	Upper metavolcanics	pgh	Pyroxene garnet hornfels	ad	Adomellite	60	Strike and dip
bh	Biotite hornfels	gh	Mineralized skarn (>0.25% WO ₃)	ap	Aplite	55	Joint, inclined
ph	Pyroxene hornfels	gh	Umineralized skarn (<0.25% WO ₃)			—	Joint, vertical
ch	Marble	gh	Banded footwall beds			—	Fault
lv	Lower metavolcanics	q	Quartzite			—	Fault showing relative movement
						—	Degree of uncertainty in fault position



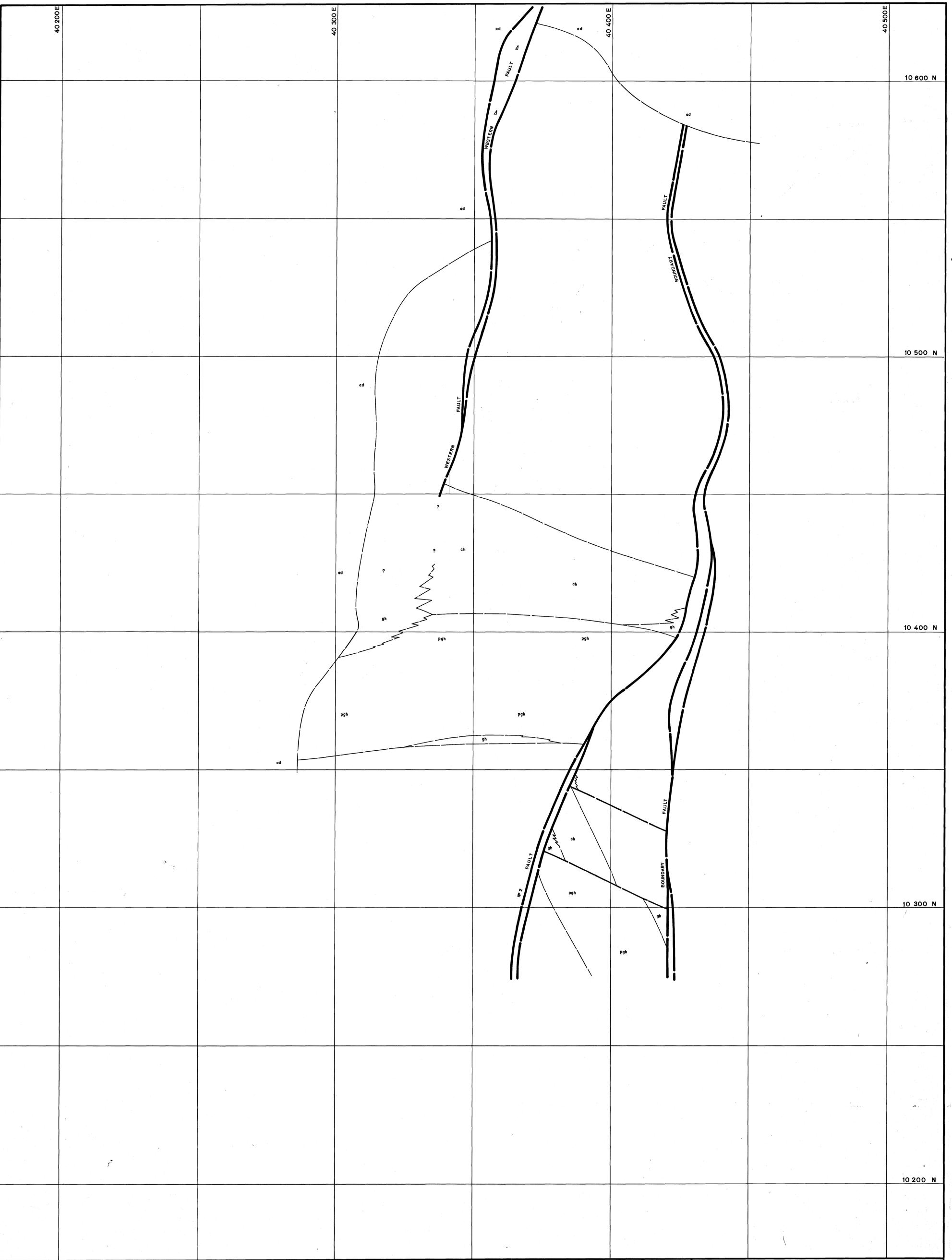
DATE:
GEOLOGIST: RES-D
DRAWN: M.vds.
CHECKED:

KING ISLAND SCHEELITE

No. K

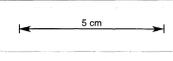
SCALE: 1:500

BOLD HEAD MINE
GEOLOGICAL LEVEL PLAN
860 m R.L.



LEGEND:

uv	Upper metavolcanics	pgh	Pyroxene garnet hornfels	ad	Adamellite	60	Strike and dip
bh	Biotite hornfels	gh	Mineralized skarn (>0.25% WO ₃)	ap	Aplite	60	Joint, inclined
ph	Pyroxene hornfels	gh	Unmineralized skarn (<0.25% WO ₃)			60	Joint, vertical
ch	Marble	bh/ph	Banded footwall beds			60	Fault
iv	Lower metavolcanics	ch/gh	Quartzite			60	Fault showing relative movement
		q				60	Degree of uncertainty in fault position



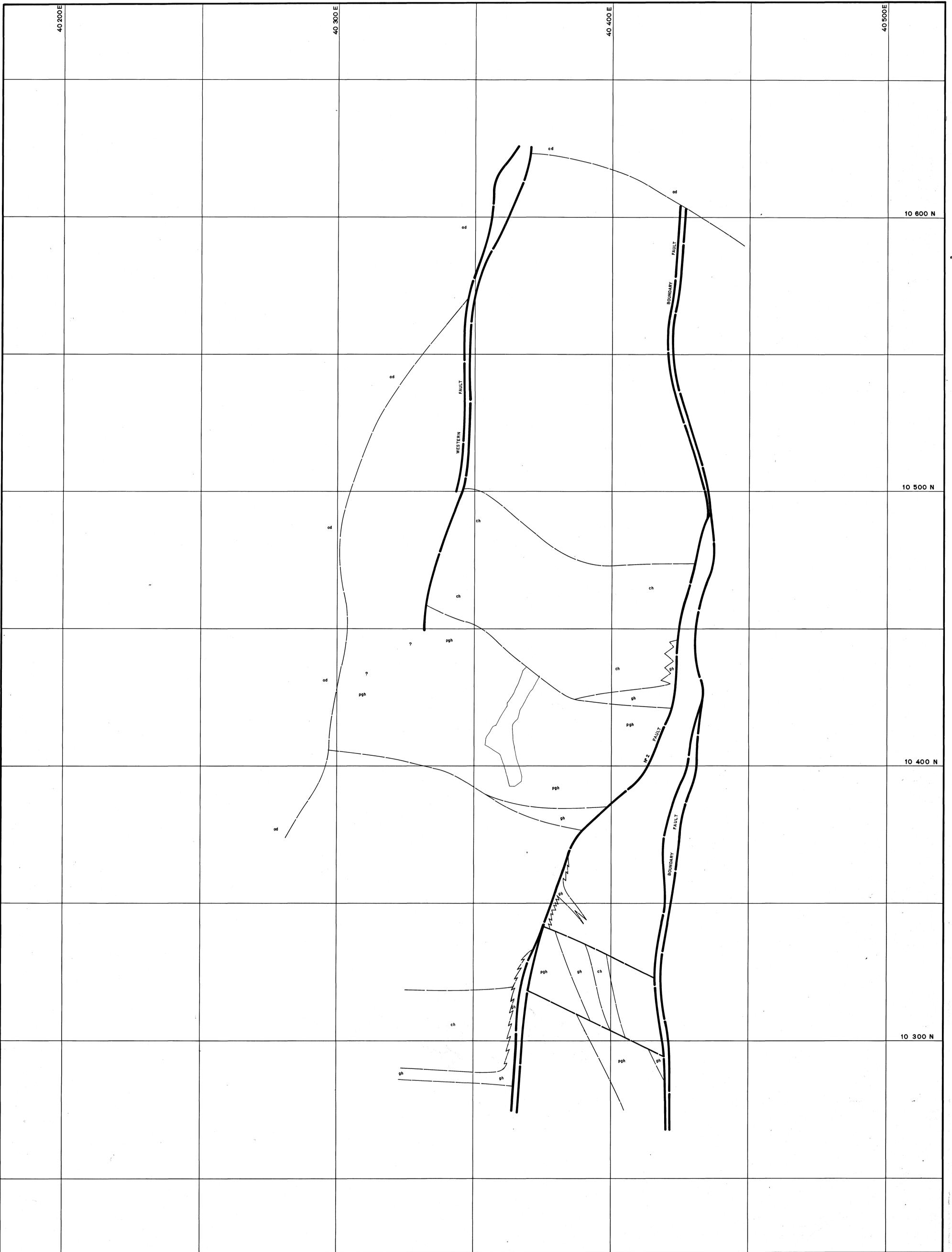
DATE:
GEOLOGIST: R.E.S.-D
DRAWN: M. v.d.S.
CHECKED:

KING ISLAND SCHEELITE

No. K

SCALE: 1:500

BOLD HEAD MINE
GEOLOGICAL LEVEL PLAN
870 m.R.L.



LEGEND:			
	Upper metavolcanics		Pyroxene garnet hornfels
	Biotite hornfels		Mineralized skarn (>0.25% WO ₃)
	Pyroxene hornfels		Unmineralized skarn (<0.25% WO ₃)
	Marble		Banded footwall beds
	Lower metavolcanics		Quartzite
	Adamellite		Strike and dip
	Aplite		Joint, inclined
			Joint, vertical
			Fault
			Fault showing relative movement
			Degree of uncertainty in fault position

KING ISLAND SCHEELITE

No. K

BOLD HEAD MINE

GEOLOGICAL LEVEL PLAN

880 m.R.L.

OPENINGS AT BACK RU'S BETWEEN 875 to 885m.R.L.

SCALE: 1:500

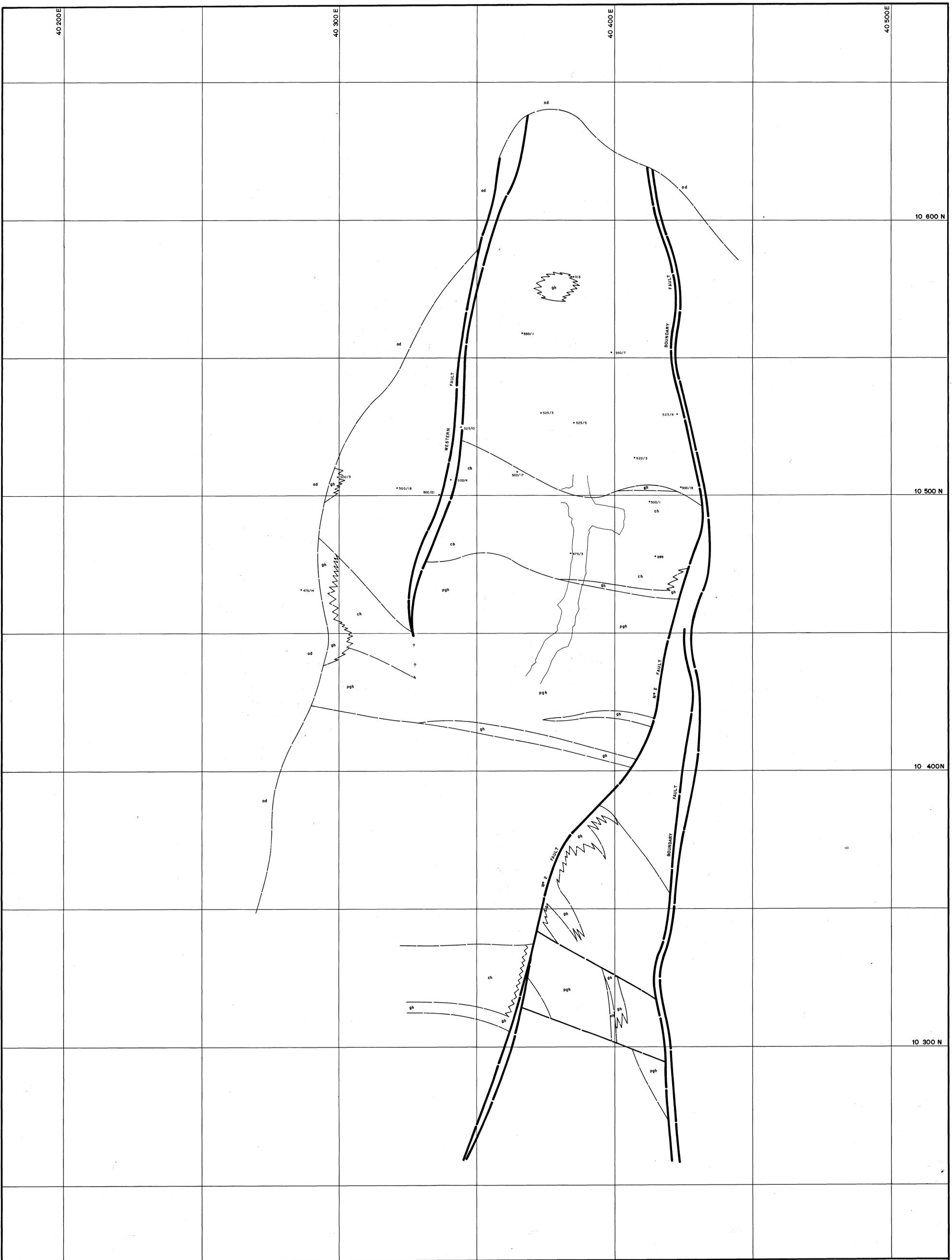
5 cm

DATE: _____

GEOLOGIST: R.E.S.-D

DRAWN: M.v.d.S.

CHECKED: _____



LEGEND:			
	Upper metavolcanics		Pyroxene garnet hornfels
	Biotite hornfels		Mineralized skarn (>0.25% WO ₃)
	Pyroxene hornfels		Unmineralized skarn (<0.25% WO ₃)
	Marble		Banded footwall beds
	Lower metavolcanics		Quartzite
	Adomellite		Strike and dip
	Aplite		Joint, inclined
			Joint, vertical
			Fault
			Fault showing relative movement
			Degree of uncertainty in fault position

5 cm

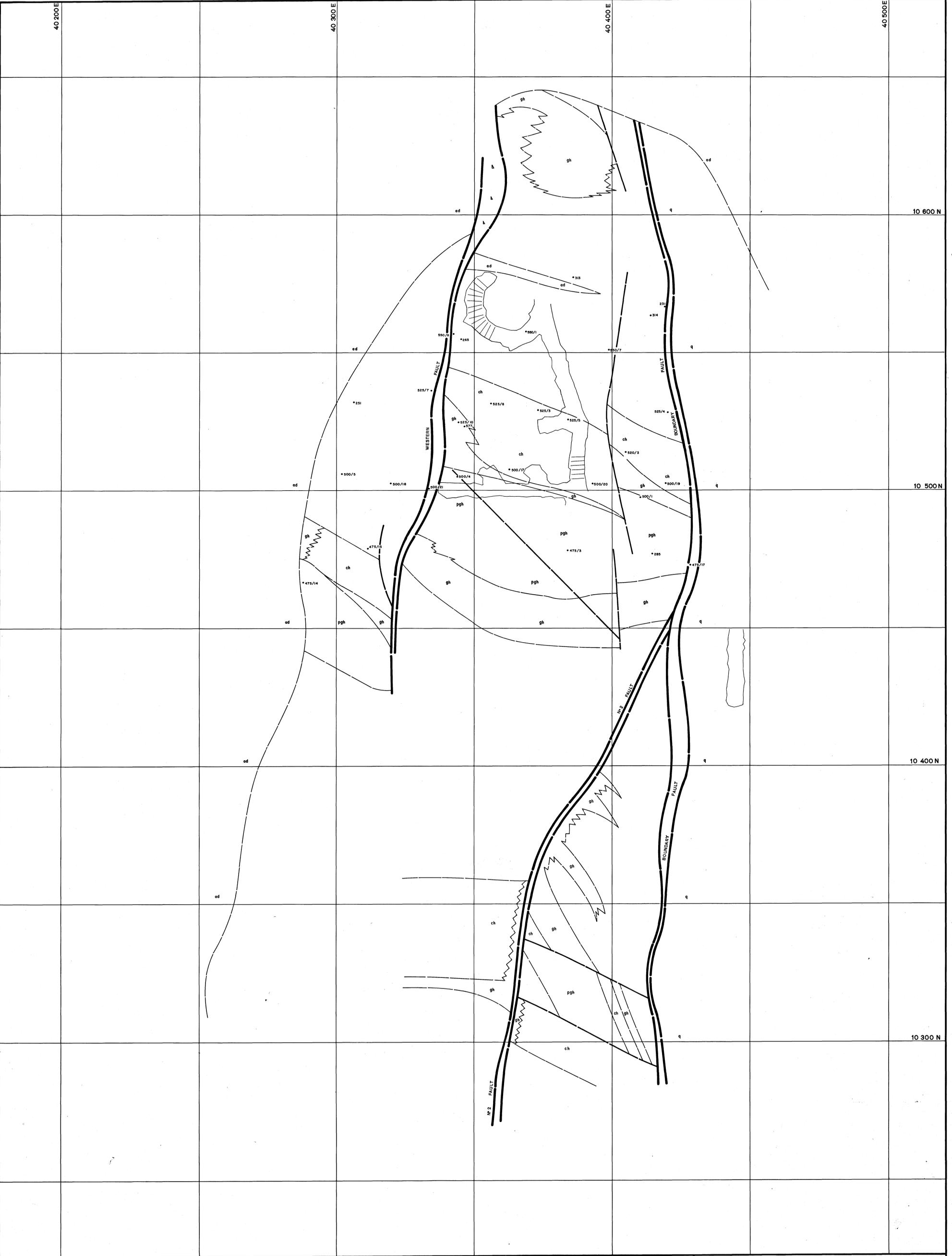
DATE: _____
 GEOLOGIST: R.E.S.-D
 DRAWN: M.V.S.
 CHECKED: _____

KING ISLAND SCHEELITE

No. K

SCALE: 1:500

BOLD HEAD MINE
GEOLOGICAL LEVEL PLAN
 890m R.L.
 OPENINGS AT BACK RE'S BETWEEN 885 to 895m.R.L.



LEGEND:

uv	Upper metavolcanics	pgh	Pyroxene garnet hornfels	ad	Adamellite	60	Strike and dip
bh	Biotite hornfels	gh	Mineralized skarn (>0.25% WO ₃)	ap	Aplite	35	Joint, inclined
ph	Pyroxene hornfels	gh	Unmineralized skarn (<0.25% WO ₃)			25	Joint, vertical
ch	Marble	gh	Banded footwall beds			10	Fault
lv	Lower metavolcanics	q	Quartzite			5	Fault showing relative movement
						—	Degree of uncertainty in fault position



DATE: _____
 GEOLOGIST: RES-D
 DRAWN: M.v.S.
 CHECKED: _____

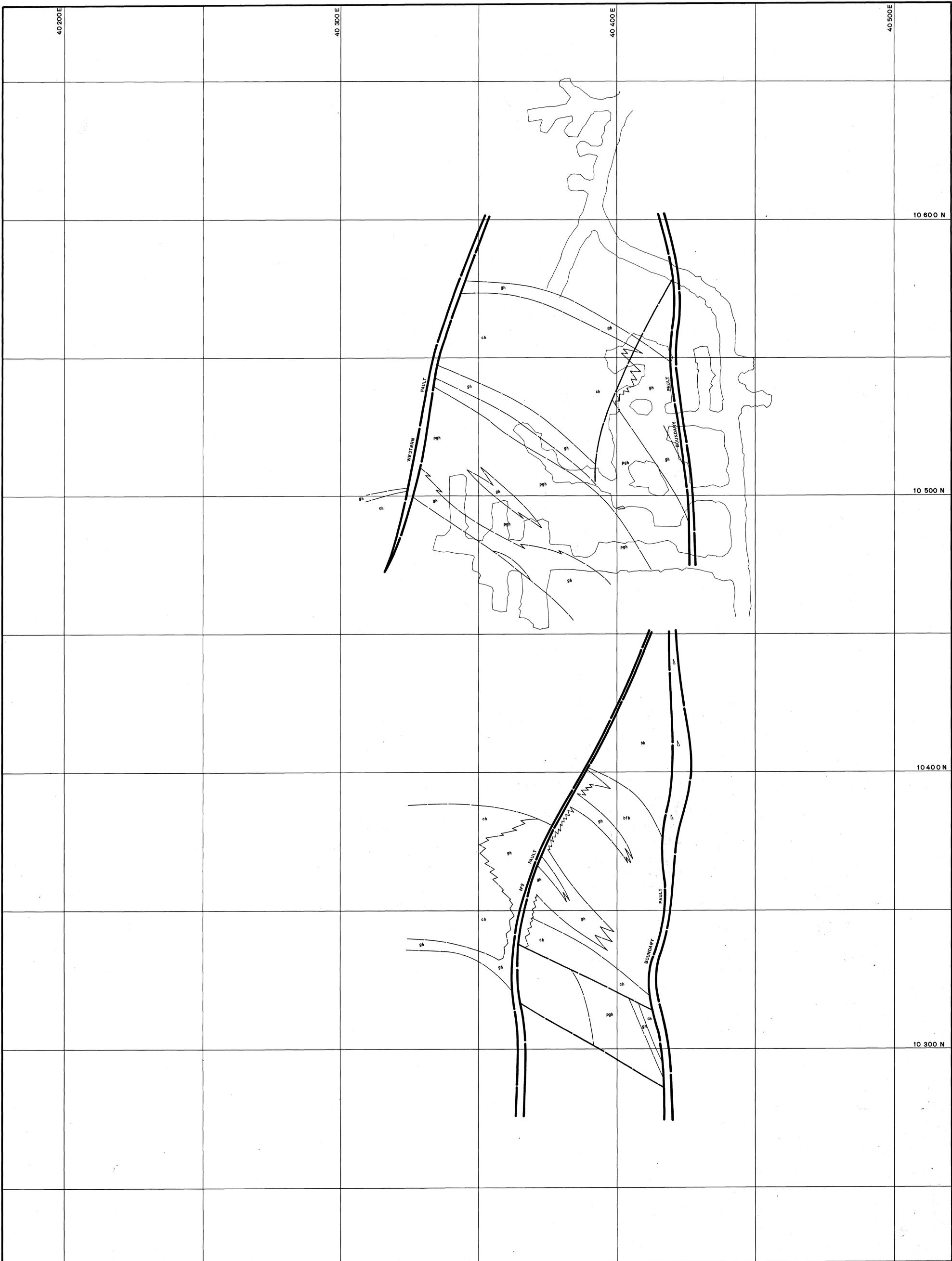
KING ISLAND SCHEELITE

No. K

SCALE: 1:500

BOLD HEAD MINE
GEOLOGICAL LEVEL PLAN
900m R.L.

OPENINGS AT BACK RL'S BETWEEN 895m to 905m R.L.



LEGEND:

uv	Upper metavolcanics	pgh	Pyroxene garnet hornfels	ad	Adamellite	60	Strike and dip
bh	Biotite hornfels	gh	Mineralized skarn (>0.25% WO ₃)	ap	Aplite	30	Joint, inclined
ph	Pyroxene hornfels	gh	Unmineralized skarn (<0.25% WO ₃)			—	Joint, vertical
ch	Marble	gh	Banded footwall beds			—	Fault showing relative movement
lv	Lower metavolcanics	q	Quartzite			—	Degree of uncertainty in fault position

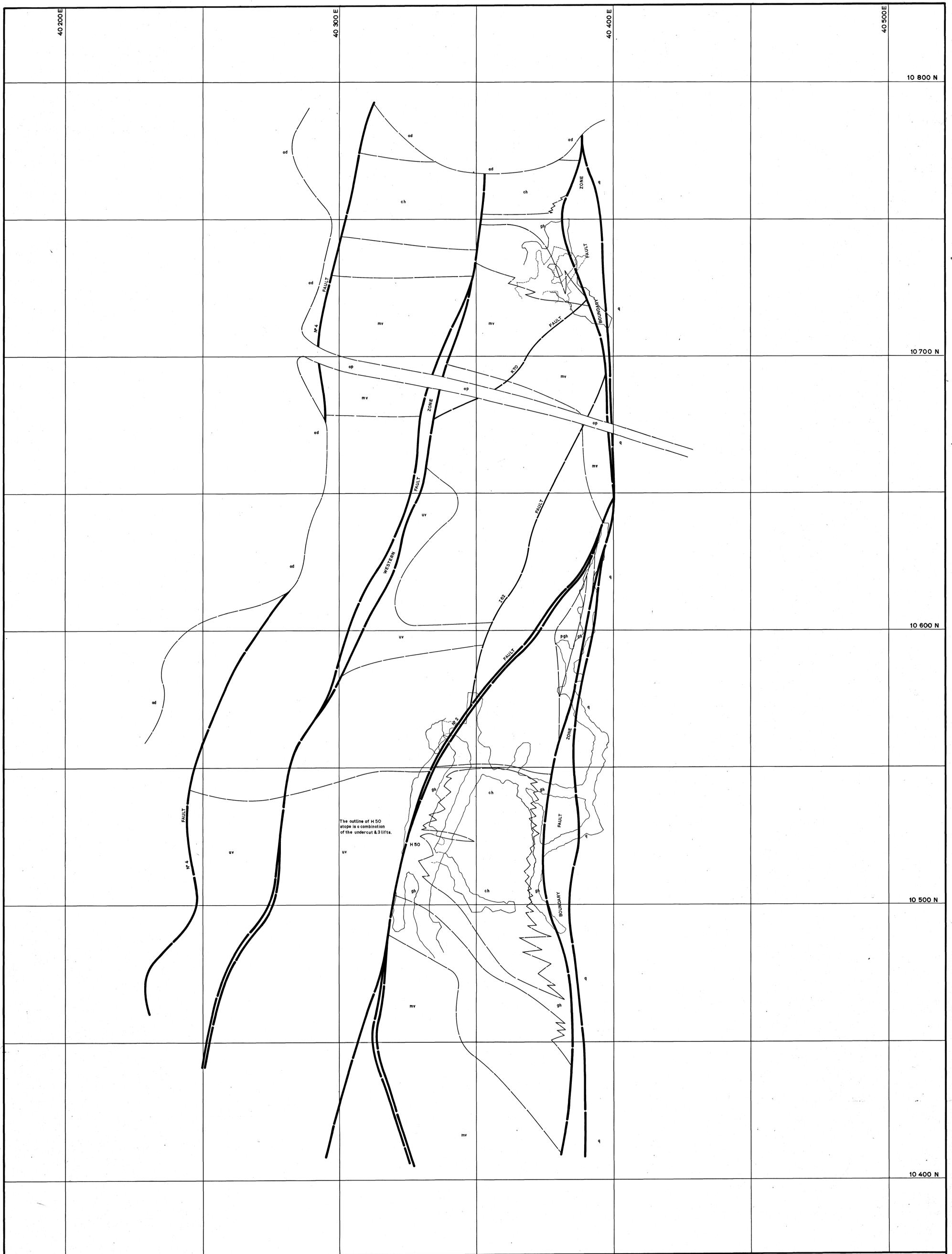
DATE: _____
 GEOLOGIST: R.E.S.D.
 DRAWN: M.v.d.S.
 CHECKED: _____

KING ISLAND SCHEELITE

SCALE 1:500

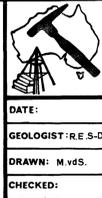
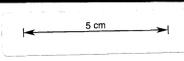
No. K

BOLD HEAD MINE
GEOLOGICAL LEVEL PLAN
 910 m R.L.
 OPENINGS AT BACK RL'S BETWEEN 905 TO 915 m R.L.



LEGEND:

uv	Upper metavolcanics	pgh	Pyroxene garnet hornfels	ad	Adamellite	60	Strike and dip
bh	Biotite hornfels	gh	Mineralized skarn (>0.25% WO ₃)	ap	Aplite	30	Joint, inclined
ph	Pyroxene hornfels	gh	Unmineralized skarn (<0.25% WO ₃)			—	Joint, vertical
ch	Marble	bh/gh	Banded footwall beds			—	Fault
lv	Lower metavolcanics	ch/gh				—	Fault showing relative movement
		q	Quartzite			—	Degree of uncertainty in fault position



KING ISLAND SCHEELITE

No. K

SCALE: 1:500

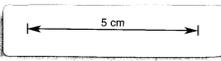
BOLD HEAD MINE
GEOLOGICAL LEVEL PLAN
1050 m R.L.

OPENINGS AT BACK RLs BETWEEN 1045m to 1055m R.L.

DATE: _____
GEOLOGIST: R.E.S-D
DRAWN: M.vdS.
CHECKED: _____

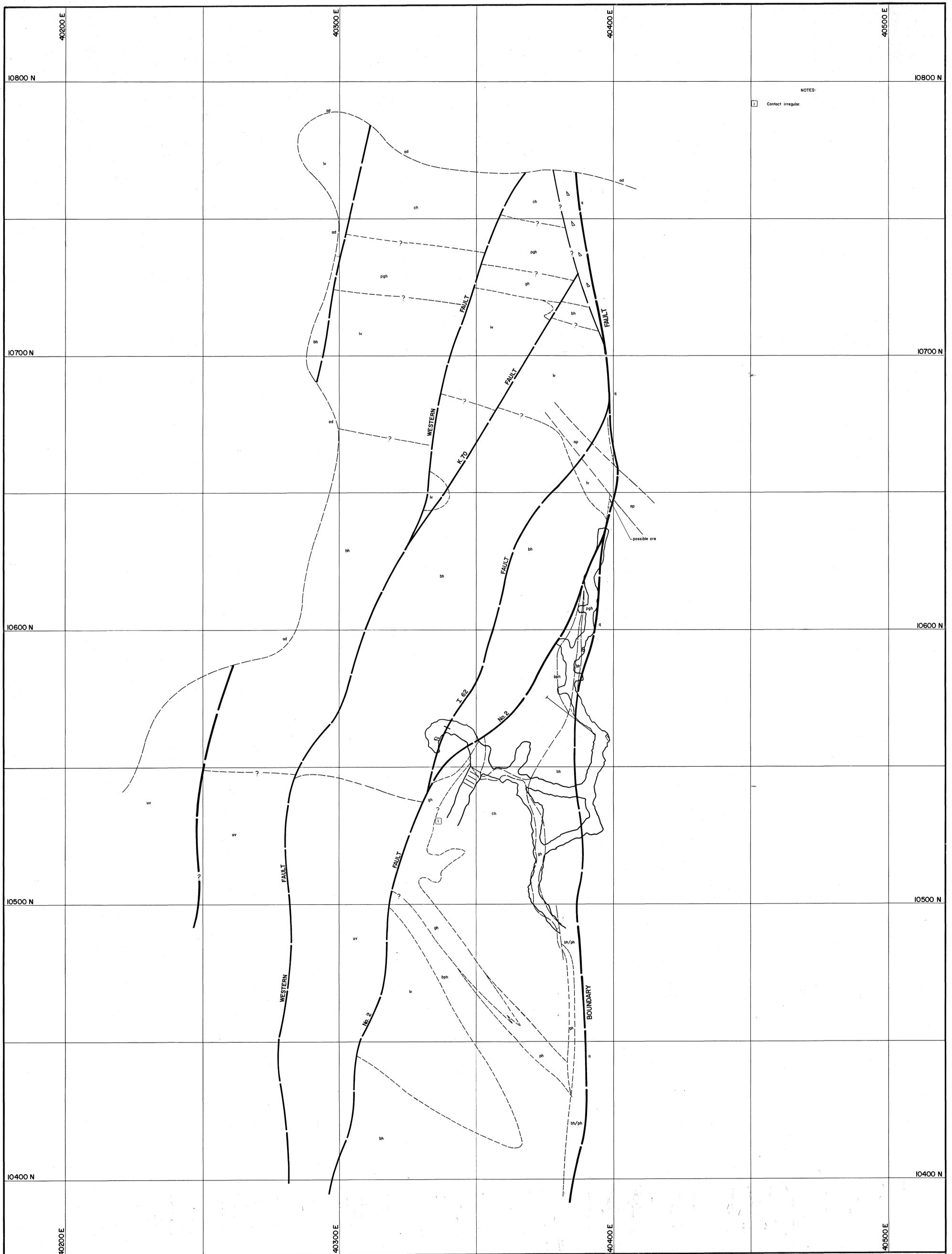


Legend:			
uv	Upper metavolcanics	pgh	Pyroxene garnet hornfels
bh	Biotite hornfels	pgh(m)	Mineralized pgh (>0.30% WO ₃)
ph	Pyroxene hornfels	gh	Garnet skarn (>0.30% WO ₃)
ch	Marble	bfb	Banded footwall beds
mv	Middle metavolcanics	bfb(m)	Mineralized bfb (>0.30% WO ₃)
bph	Biotite pyroxene hornfels	nc	No core recovered
q	Quartzite	(m)	Mineralized
ad	Adamellite	(b)	Banded
ap	Aplite	(s)	Podded
		(d)	Disturbed
		bb	Breccia
		—	Major fault
		- - -	Minor fault
		- · - · -	Geological boundary




 DATE: _____
 GEOLOGIST: R.E.S.D.
 DRAWN: R.F.
 CHECKED: S.G.B.

KING ISLAND SCHEELITE
 No. KG3-252-
BOLD HEAD OREBODY
GEOLOGICAL LEVEL PLAN
 1075mR.L.



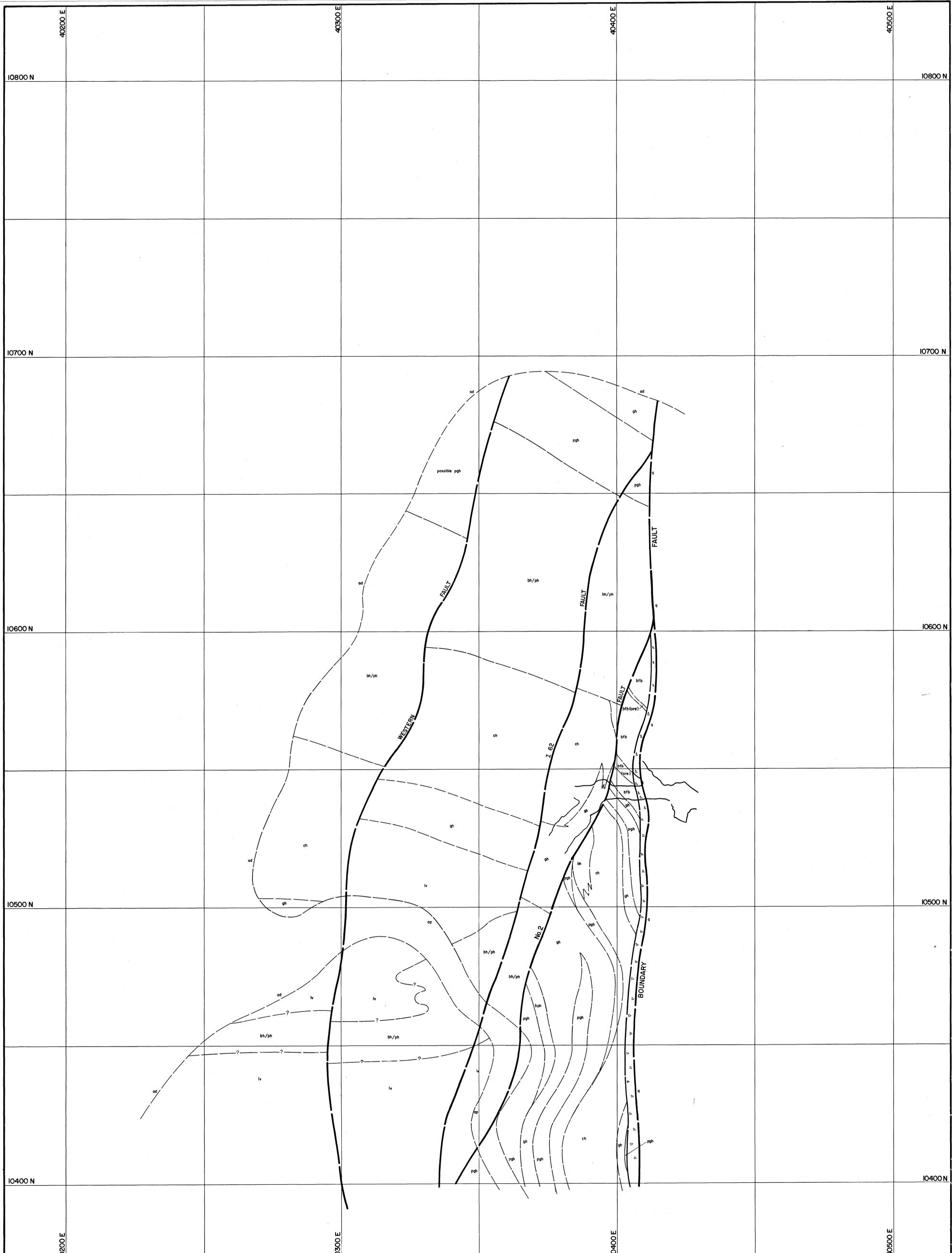
LEGEND:	
	Upper metavolcanics
	Biotite hornfels
	Pyroxene hornfels
	Marble
	Lower metavolcanics
	Pyroxene garnet hornfels
	Mineralized skarn (>0.25% WO ₃)
	Unmineralized skarn (<0.25% WO ₃)
	Banded footwall beds
	Banded footwall beds
	Quartzite
	Adamellite
	Aplite
	Strike and dip
	Joint, inclined
	Joint, vertical
	Fault
	Fault showing relative movement
	Degree of uncertainty in fault position
	PDH (Percussion Drill Hole) with inferred geology
	DDH (Diamond Drill Hole)

DATE: NOV. 1975
 GEOLOGIST: S.G.B.
 DRAWN: O.S./A.H.
 CHECKED: M.C.R.

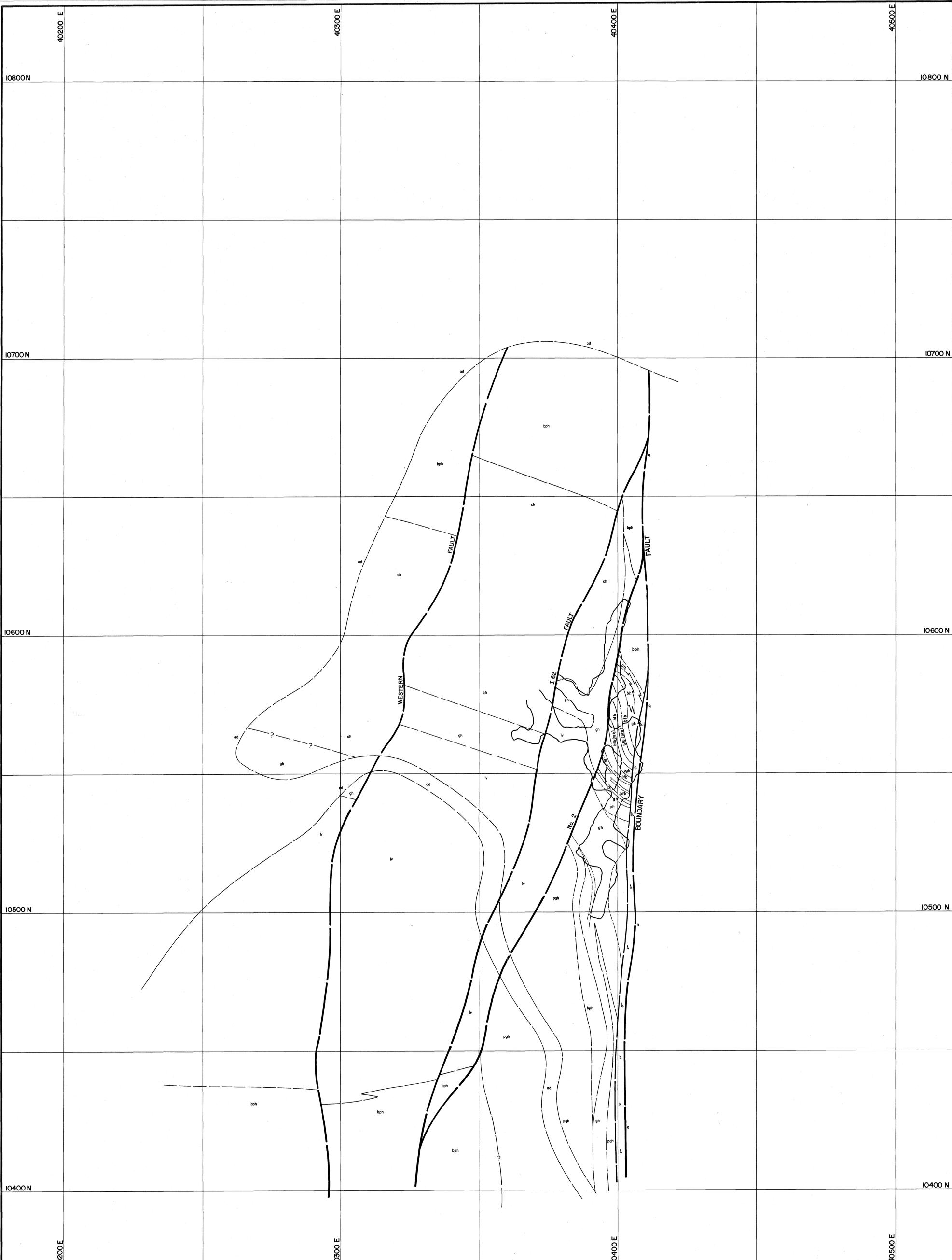
GEOEKO LIMITED
 KING ISLAND GROUP
 No. KG3-252-005
BOLD HEAD OREBODY
GEOLOGICAL FLOOR PLAN
1046m R.L.

SCALE: 1:500

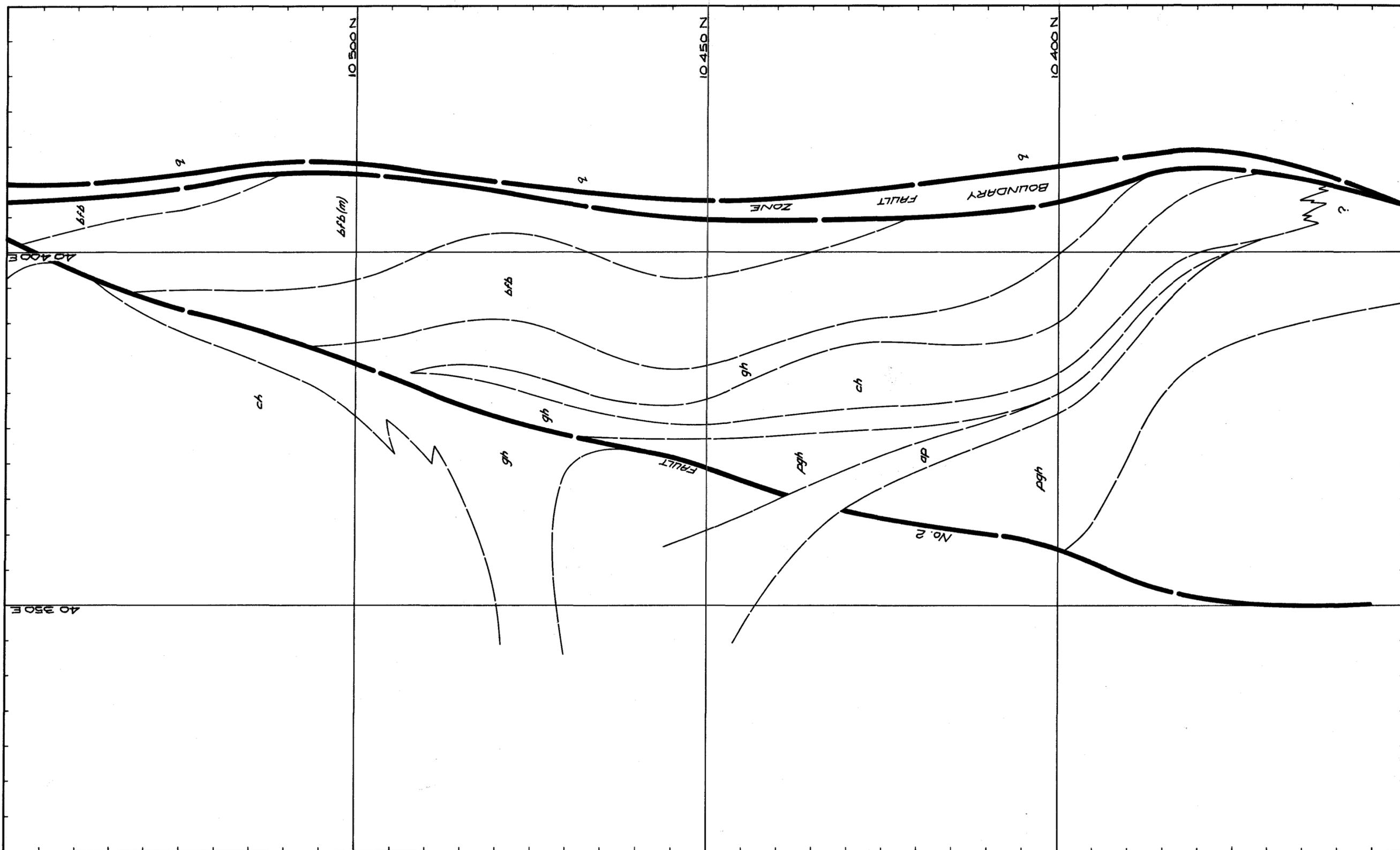
5 cm



LEGEND: uv Upper metavolcanics bh Biotite hornfels ph Pyroxene hornfels ch Marble lv Lower metavolcanics pgh Pyroxene garnet hornfels gh Mineralized skarn (>0.25% WO ₃) gh Unmineralized skarn (<0.25% WO ₃) bh/ph Banded footwall beds ch/gh Banded footwall beds q Quartzite ad Adamellite ap Aplitite		60 Strike and dip 05 Joint, inclined 00 Joint, vertical Fault Fault showing relative movement Degree of uncertainty in fault position		PDH (Percussion Drill Hole) with inferred geology DDH (Diamond Drill Hole)		GEOPEKO LIMITED KING ISLAND GROUP No. KG3-252-001 SCALE: 1:500 DATE: NOV. 1975 GEOLOGIST: S.G.B. DRAWN: O.S./A.H. CHECKED: M.C.R.	
				5 cm		BOLD HEAD OREBODY GEOLOGICAL FLOOR PLAN 972m R.L.	



LEGEND: uv Upper metavolcanics bh ⁺ Biotite hornfels ph Pyroxene hornfels ch Marble lv Lower metavolcanics pgh Pyroxene garnet hornfels gh Mineralized skarn (>0.25% WO ₃) gh Unmineralized skarn (<0.25% WO ₃) bh/ph, ch/gh Banded footwall beds q Quartzite ad Adomellite ap Apatite		60 Strike and dip 95 Joint, inclined Joint, vertical Fault Fault showing relative movement Degree of uncertainty in fault position		PDH (Percussion Drill Hole) with inferred geology. DDH (Diamond Drill Hole)		GEOPEKO LIMITED KING ISLAND GROUP No. KG3-252-002 BOLD HEAD OREBODY GEOLOGICAL FLOOR PLAN 987m R.L.	
DATE: NOV. 1975 GEOLOGIST: S.O.B. DRAWN: O.S./A.H. CHECKED: M.C.R.							



REF. PLAN	

GEOLOGY	S.G.B.	17/8/82
SURVEY		
PLANNING		
ROCK MEC.		
GRADE CON.		
DRAFTING		17/8/82
T.S.S.		

SCALE	1: 500
DRAWING NUMBER	


KING ISLAND SCHEELITE
 GRASSY KING ISLAND

BOLD HEAD MINE
GEOLOGICAL PLAN - FAULT BLOCK SOUTH
965 m R.L.

MS-252-006
252 A lens

GEOLOGICAL NOTES

1. B460/1 drilled sub-parallel to upper limbs of 'A' lens, passed through 'A' lens into the overlying lower volcanics.
2. B465/1 drilled sub-parallel to upper limbs of 'A' lens, possibly passed through 'A' lens into the underlying marble.
3. B460/1 drilled at +18°.
B465/1 drilled at +20°.
4. Due to the fact that the ore in 'A' lens is banded in nature the assay results from B460/1 and B460/2, drilled sub-parallel to the bedding, do not reflect the true ore grade of the upper limb of 'A' lens.
5. Areas of leached core and voids occur in both B460/1 and B415/1.
6. DDH 279. This hole is wrongly located. From the geological data it would appear to be located to far north.

NOTE

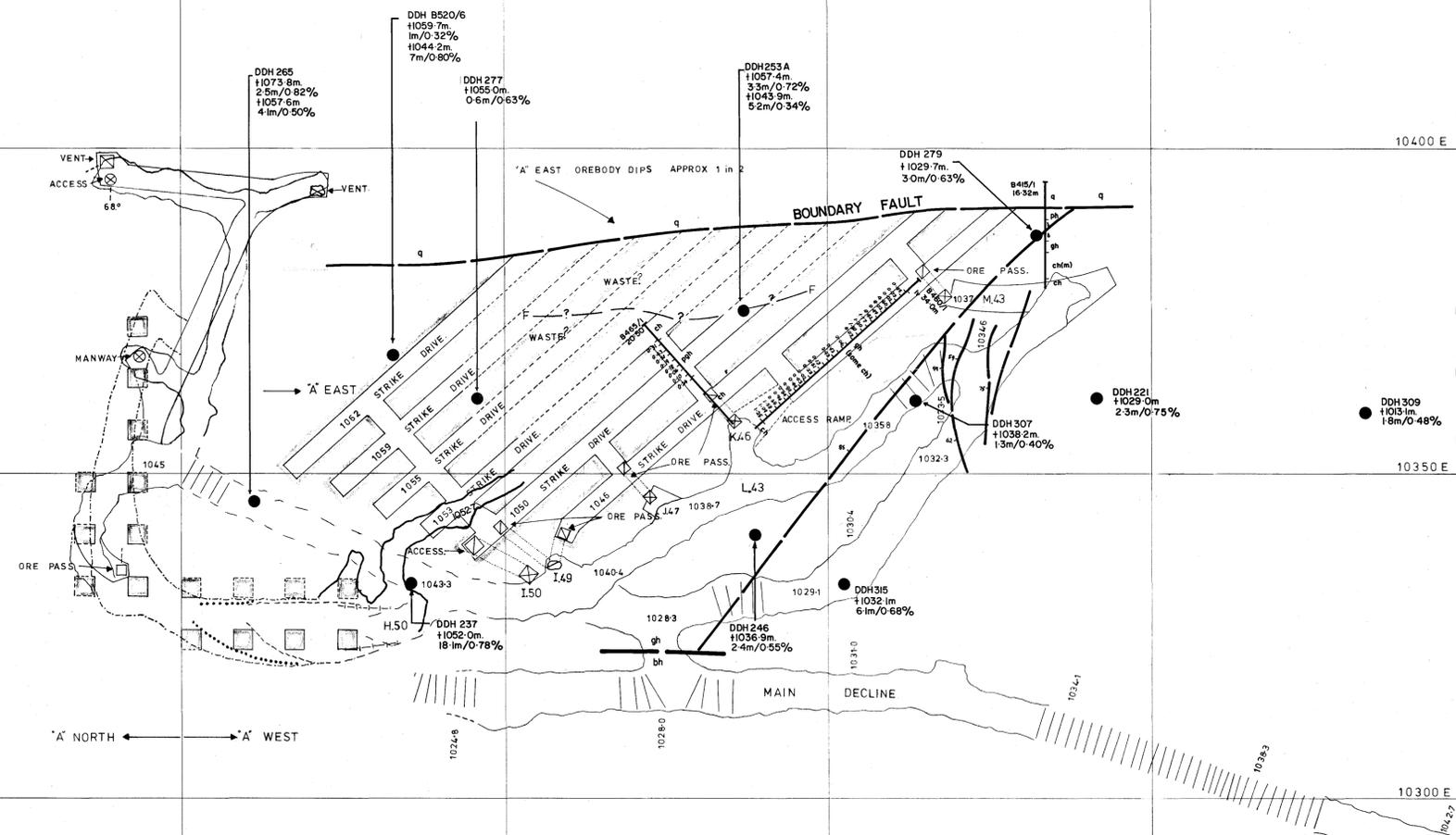
'A' NORTH STOPE: NORTH OF 10550 N.
'A' WEST STOPE: WEST OF L43 DRIVE (SOUTH OF 10550 N).
'A' EAST STOPE: EAST OF L43 DRIVE (SOUTH OF 10550 N).

'A' NORTH LEGEND

--- STOPE OUTLINE. 1055 LEVEL (SILL FLOOR)

'A' WEST LEGEND

--- 1043 LEVEL. STOPE OUTLINE.
- - - 1046 LEVEL. FIRST LIFT.
- - - 1049 LEVEL. SECOND LIFT.
- - - 1052 LEVEL. THIRD LIFT.
- - - 1055 LEVEL. FOURTH LIFT.



LEGEND:	Biotite hornfels	Pyroxene hornfels / biotite hornfels	Fault	DDH 279 hole number.
Marble	Pyroxene hornfels	Geology boundary	R.L. of hanging wall contact.	R.L. of hanging wall contact, thickness and mean arithmetic grade of ore intersection.
Garnet skarn	Quartzite	Ore boundary		

GEOPEKO LIMITED
KING ISLAND GROUP

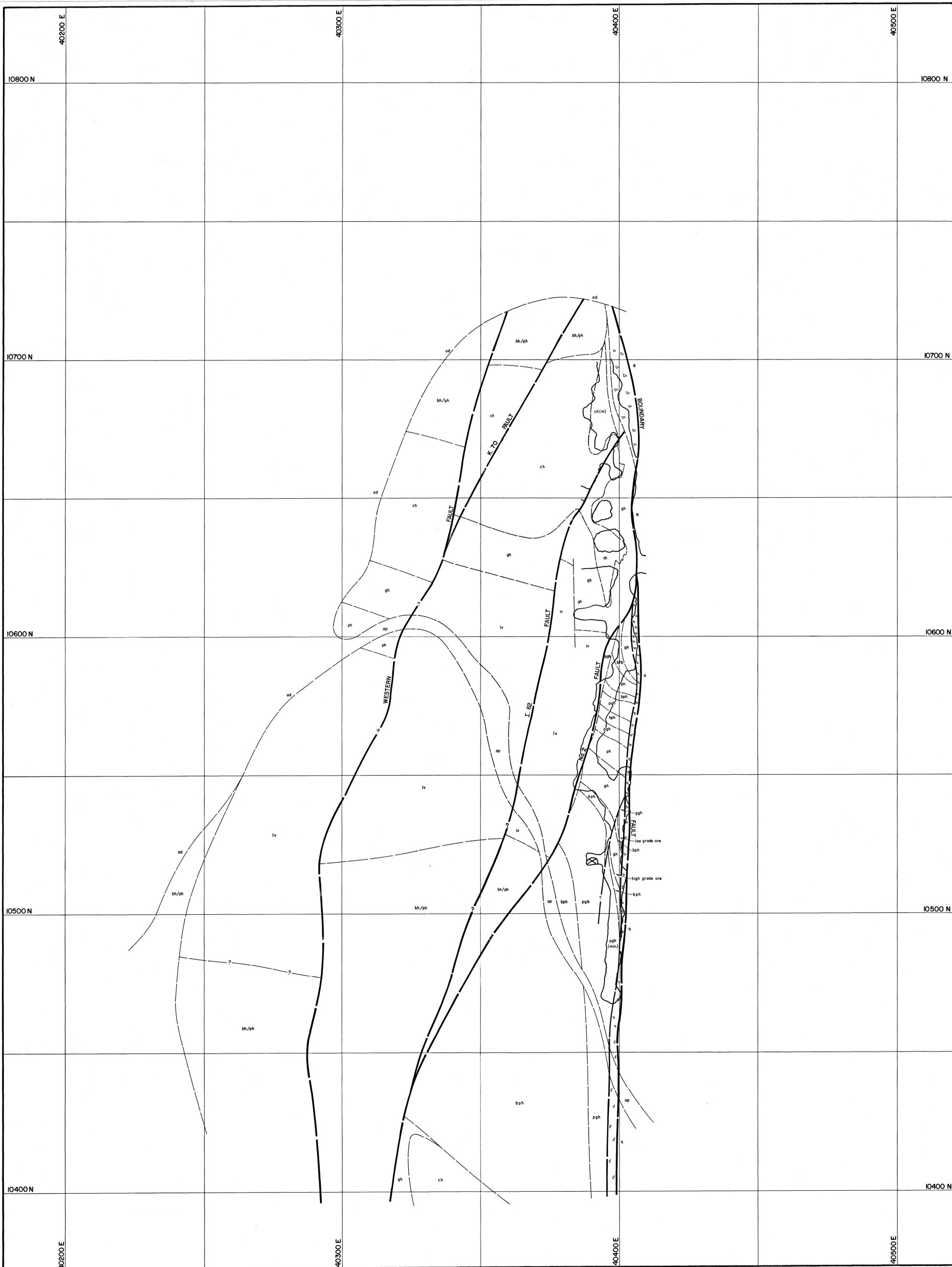
No. K63-252-006

BOLD HEAD
'A' LENS (EAST)
FLOOR PLAN

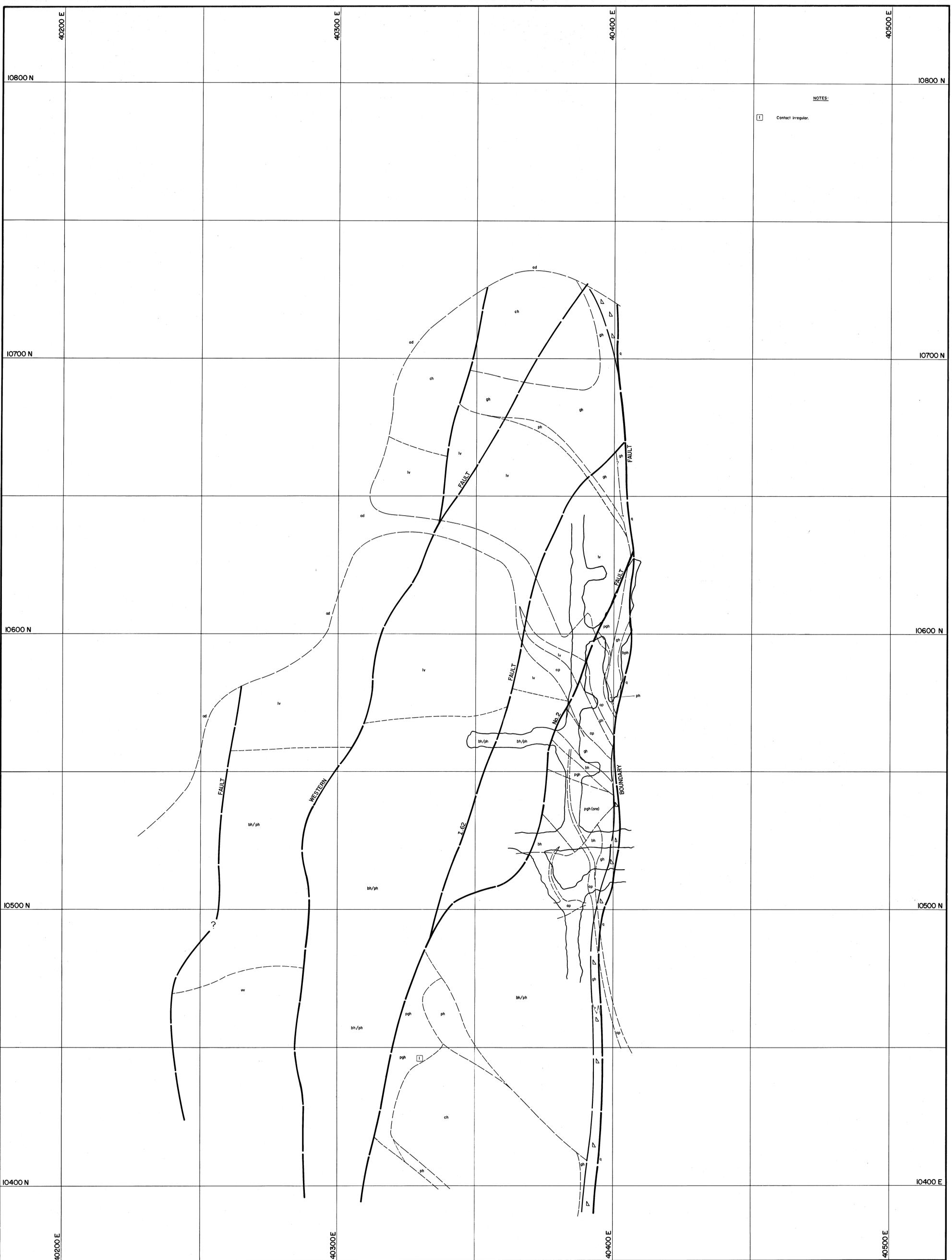
DATE: August, '75.
GEOLOGIST: S.G.B.
DRAWN: R.Z./A.H.
CHECKED: M.C.R.

5 cm

74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42



LEGEND: uv Upper metavolcanics bh Biotite hornfels ph Pyroxene hornfels ch Marble lv Lower metavolcanics pgh Pyroxene garnet hornfels gh Mineralized skarn (>0.25% WO ₃) gh Unmineralized skarn (<0.25% WO ₃) bh/ph, ch/gh Banded footwall beds q Quartzite ad Adamellite ap Apatite		60 Strike and dip 30 Joint, inclined — Joint, vertical — Fault — Fault showing relative movement — Degree of uncertainty in fault position		PDH (Percussion Drill Hole) with inferred geology DDH (Diamond Drill Hole)		GEOPEKO LIMITED KING ISLAND GROUP No. KG3-252-003 SCALE: 1:500 DATE: NOV. 1975 GEOLOGIST: S.G.B. DRAWN: O.S. CHECKED: M.C.R.	
				5 cm		BOLD HEAD OREBODY GEOLOGICAL FLOOR PLAN 1002m R.L.	



NOTES:
 Contact irregular.

LEGEND:	
<input type="checkbox"/> uv	Upper metavolcanics
<input type="checkbox"/> bh	Biotite hornfels
<input type="checkbox"/> ph	Pyroxene hornfels
<input type="checkbox"/> ch	Marble
<input type="checkbox"/> lv	Lower metavolcanics
<input type="checkbox"/> pgh	Pyroxene garnet hornfels
<input type="checkbox"/> gh	Mineralized skarn (>0.25% WO ₃)
<input type="checkbox"/> qh	Umineralized skarn (<0.25% WO ₃)
<input type="checkbox"/> bh/ph	Banded footwall beds
<input type="checkbox"/> ch/gh	
<input type="checkbox"/> q	Quartzite
<input type="checkbox"/> ad	Adamellite
<input type="checkbox"/> ap	Aplite
	Strike and dip
	Joint, inclined
	Joint, vertical
	Fault
	Fault showing relative movement
	Degree of uncertainty in fault position
	PDH (Percussion Drill Hole) with inferred geology.
	DDH (Diamond Drill Hole)
<input type="checkbox"/>	See top right corner.

DATE: NOV. 1975
 GEOLOGIST: S.G.B.
 DRAWN: O.S./A.H.
 CHECKED: M.C.R.

GEOPEKO LIMITED
 KING ISLAND GROUP
 No. KG3-252-004
BOLD HEAD OREBODY
GEOLOGICAL FLOOR PLAN
1018m R.L.